

DSW - 860

Designer Shoe Warehouse

X12/V4010/860: 860 Purchase Order Change Request - Buyer Initiated

Version: 2.1 Final

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860

Purchase Order Change Request - Buyer Initiated

Functional Group=**PC**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Request - Buyer Initiated Transaction Set (860) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the information required for the customary and established business and industry practice relative to a purchase order change. This transaction can be used: (1) by a buyer to request a change to a previously submitted purchase order or (2) by a buyer to confirm acceptance of a purchase order change initiated by the seller or by mutual agreement of the two parties.

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			Required
	GS	Functional Group Header	M	1			Required
	ST	Transaction Set Header	M	1			Required

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>
020	BCH	Beginning Segment for Purchase Order Change	M	1			Required
040	CUR	Currency	O	1			Used
050	REF	Reference Identification	O	>1			Used
060	PER	Administrative Communications Contact	O	3			Used
080	FOB	F.O.B. Related Instructions	O	>1			Used
110	CSH	Sales Requirements	O	5			Used
130	ITD	Terms of Sale/Deferred Terms of Sale	O	5			Used
150	DTM	Date/Time Reference	O	10			Used
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used

LOOP ID - N1

200

300	N1	Name	O	1			Used
320	N3	Address Information	O	2			Used
330	N4	Geographic Location	O	>1			Used

Detail:

<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>
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LOOP ID - POC

>1

010	POC	Line Item Change	O	1			Used
-----	-----	------------------	---	---	--	--	------

LOOP ID - PID

1000

050	PID	Product/Item Description	O	1			Used
100	REF	Reference Identification	O	>1			Future
190	SDQ	Destination Quantity	O	500			Future
200	DTM	Date/Time Reference	O	10			Future

LOOP ID - SLN

1000

460	SLN	Subline Item Detail	O	1			Used
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Summary:

<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	CTT	Transaction Totals	O	1		N3/010	Used

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>
	SE	Transaction Set Trailer	M	1			Required
	GE	Functional Group Trailer	M	1			Required
	IEA	Interchange Control Trailer	M	1			Required

Notes:

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.

ISA Interchange Control Header

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

User Option (Usage): Required

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Required
Description: Code to identify the type of information in the Authorization Information						
Code Name						
00 No Authorization Information Present (No Meaningful Information in I02)						
ISA02	I02	Authorization Information	M	AN	10/10	Required
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	Required
Description: Code to identify the type of information in the Security Information						
Code Name						
00 No Security Information Present (No Meaningful Information in I04)						
ISA04	I04	Security Information	M	AN	10/10	Required
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	Required
Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
Code Name						
01 Duns (Dun & Bradstreet)						
08 UCC EDI Communications ID (Comm ID)						
12 Phone (Telephone Companies)						
ZZ Mutually Defined						
ISA06	I06	Interchange Sender ID	M	AN	15/15	Required
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	Required
Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
Code Name						
01 Duns (Dun & Bradstreet)						
08 UCC EDI Communications ID (Comm ID)						
12 Phone (Telephone Companies)						
ZZ Mutually Defined						
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Required
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	Required

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Date of the interchange				
ISA10	I09	Interchange Time	M	TM	4/4	Required
		Description: Time of the interchange				
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Required
		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	Required
		Description: Code specifying the version number of the interchange control segments				
		Code Name				
		00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997				
ISA13	I12	Interchange Control Number	M	N0	9/9	Required
		Description: A control number assigned by the interchange sender				
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Required
		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	Required
		Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information				
		Code Name				
		P Production Data				
		T Test Data				
ISA16	I15	Component Element Separator	M		1/1	Required
		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				

GS Functional Group Header

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

User Option (Usage): Required

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	Required
Description: Code identifying a group of application related transaction sets						
Code Name						
PC Purchase Order Change Request - Buyer Initiated (860)						
GS02	142	Application Sender's Code	M	AN	2/15	Required
Description: Code identifying party sending transmission; codes agreed to by trading partners						
GS03	124	Application Receiver's Code	M	AN	2/15	Required
Description: Code identifying party receiving transmission; codes agreed to by trading partners						
GS04	373	Date	M	DT	8/8	Required
Description: Date expressed as CCYYMMDD						
GS05	337	Time	M	TM	4/8	Required
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	Required
Description: Assigned number originated and maintained by the sender						
GS07	455	Responsible Agency Code	M	ID	1/2	Required
Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480						
Code Name						
X Accredited Standards Committee X12						
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Required
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						
Code Name						
004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997						

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.

ST Transaction Set Header

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

User Option (Usage): Required

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	Required
		Description: Code uniquely identifying a Transaction Set				
		Code Name				
		860 Purchase Order Change Request - Buyer Initiated				
ST02	329	Transaction Set Control Number	M	AN	4/9	Required
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

BCH Beginning Segment for Purchase Order Change

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Required

To indicate the beginning of the Purchase Order Change 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>
BCH01	353	Transaction Set Purpose Code	M	ID	2/2	Required
		Description: Code identifying purpose of transaction set				
		<u>Code</u> <u>Name</u>				
		01 Cancellation				
		04 Change				
BCH02	92	Purchase Order Type Code	M	ID	2/2	Required
		Description: Code specifying the type of Purchase Order				
		<u>Code</u> <u>Name</u>				
		SA Stand-alone Order				
BCH03	324	Purchase Order Number	M	AN	1/22	Required
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
		<i>DSW original purchase order number.</i>				
BCH06	373	Date	M	DT	8/8	Required
		Description: Date expressed as CCYYMMDD				
		<i>DSW original purchase order date.</i>				

Example:

BCH*04*SA*90160***20050309

CUR Currency

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

User Option (Usage): Used

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	Required
Description: Code identifying an organizational entity, a physical location, property or an individual						
Code Name						
SE Selling Party						
CUR02	100	Currency Code	M	ID	3/3	Required
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*SE*USD*

REF Reference Identification

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

User Option (Usage): Used

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	Used

Description: Code qualifying the Reference Identification

Code Name

IA Internal Vendor Number

Identification number assigned to the vendor, by the retailer, for use within the retailer's system

REF02	127	Reference Identification	C	AN	1/30	Used
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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.

Example:

*REF*IA*00000006127*

PER Administrative Communications Contact

Pos: 060	Max: 3
Heading - Optional	
Loop: N/A	Elements: 8

User Option (Usage): Used

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

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>
PER01	366	Contact Function Code	M	ID	2/2	Required
		Description: Code identifying the major duty or responsibility of the person or group named				
		<u>Code</u> <u>Name</u>				
		OC Order Contact				
PER02	93	Name	O	AN	1/60	Used
		Description: Free-form name				
PER03	365	Communication Number Qualifier	C	ID	2/2	Used
		Description: Code identifying the type of communication number				
		<u>Code</u> <u>Name</u>				
		WP Work Phone Number				
PER04	364	Communication Number	C	AN	1/80	Used
		Description: Complete communications number including country or area code when applicable				
PER05	365	Communication Number Qualifier	C	ID	2/2	Used
		Description: Code identifying the type of communication number				
		<u>Code</u> <u>Name</u>				
		FX Facsimile				
PER06	364	Communication Number	C	AN	1/80	Used
		Description: Complete communications number including country or area code when applicable				
PER07	365	Communication Number Qualifier	C	ID	2/2	Used
		Description: Code identifying the type of communication number				
		<u>Code</u> <u>Name</u>				
		EM Electronic Mail				
PER08	364	Communication Number	C	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*OC*MARLA THOMAS*WP*614-238-5733*FX*614-238-4207*EM*vickilatorre@shonac.com.

FOB F.O.B. Related Instructions

Pos: 080	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

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	Required

Description: Code identifying payment terms for transportation charges

Code Name

CC	Collect
CF	Collect, Freight Credited Back to Customer
DF	Defined by Buyer and Seller
PC	Prepaid but Charged to Customer
PP	Prepaid (by Seller)

FOB02	309	Location Qualifier	C	ID	1/2	Used
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Description: Code identifying type of location

Code Name

CA	Country of Origin
OR	Origin (Shipping Point)

FOB03	352	Description	O	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

Free-form name of transportation responsibility location

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.

Example:

*FOB*DF*OR*CA*

CSH Sales Requirements

Pos: 110	Max: 5
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

To specify general conditions or requirements of the 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>
CSH01	563	Sales Requirement Code	O	ID	1/2	Required

Description: Code to identify a specific requirement or agreement of sale

Code Name

N No Back Order

P2 Ship As Soon As Possible

P3 May Preship

The supplier may ship before the requested ship date.

P4 Do Not Preship

Syntax Rules:

1. C0203 - If CSH02 is present, then CSH03 is required.
2. P0607 - If either CSH06 or CSH07 is present, then the other is required.
3. P0910 - If either CSH09 or CSH10 is present, then the other is required.

Example:

CSH*P3
CSH*N

ITD Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: 5
Heading - Optional	
Loop: N/A	Elements: 5

User Option (Usage): Used

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
Description: Code identifying type of payment terms						
Code Name						
01 Basic						
ITD02	333	Terms Basis Date Code	O	ID	1/2	Used
Description: Code identifying the beginning of the terms period						
Code Name						
2 Delivery Date						
3 Invoice Date						
ITD03	338	Terms Discount Percent	O	R	1/6	Used
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						
<i>Percent is sent with decimal point only when needed, e.g., 10.5% = `10.5' and 2% = `2'.</i>						
ITD05	351	Terms Discount Days Due	C	N0	1/3	Used
Description: Number of days in the terms discount period by which payment is due if terms discount is earned						
<i>End of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.</i>						
ITD07	386	Terms Net Days	O	N0	1/3	Used
Description: Number of days until total invoice amount is due (discount not applicable)						
<i>End of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.</i>						

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.

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.

Note:

Many times, deferred terms are specified on the purchase order with only the knowledge that the terms are to be based on a date value which is not known, e.g., invoice or delivery date. What is known is the percentage or dollar amount of each deferred installment, and the number of days after the date the terms are based on, that each installment will be due. In these cases, ITD01 will contain code 04, indicating deferred or installment terms, and ITD02 will contain the appropriate terms date basis code (most typically code 2 for Delivery Date, code 3 for Invoice Date, or code 15 for Receipt of Goods Date). ITD07 will contain the number of days after the terms basis date that this installment is due.

Example:

ITD*01*3*****60

DTM Date/Time Reference

Pos: 150	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

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>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Required

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

Code Name

002 Delivery Requested

037 Ship Not Before

If the retailer allows shipment before the requested ship date, this is the earliest date shipping can occur

063 Do Not Deliver After

DTM02	373	Date	C	DT	8/8	Required
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Description: Date expressed as CCYYMMDD

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Note:

This segment is used to specify order processing dates.

Example:

DTM*037*20051028

DTM*063*20051105

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 240	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify the carrier and sequence of routing and provide transit time 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>
TD502	66	Identification Code Qualifier	C	ID	1/2	Used
Description: Code designating the system/method of code structure used for Identification Code (67)						
Code Name						
2 Standard Carrier Alpha Code (SCAC)						
92 Assigned by Buyer or Buyer's Agent						
TD503	67	Identification Code	C	AN	2/80	Used
Description: Code identifying a party or other code						

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

Comments:

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

Note:

This segment is used to specify every carrier in the routing sequence or a specific routing sequence that has been previously identified (usually from a routing guide). The segment can also be used to indicate estimated transit time in days. Only use TD501 if needed for clarity; this is not a requirement in most retail applications. When referring to a pre-established routing guide, use code 91 or 92 in TD502, and identify the routing sequence, from the routing guide, in TD503. To identify a specific private parcel service, TD502 will contain code 2, and TD503 will contain the corresponding SCAC.

Example:

TD5**92*ROUTE

Loop N1

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

User Option (Usage): Used

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
320	N3	Address Information	O	2		Used
330	N4	Geographic Location	O	>1		Used

N1 Name

Pos: 300	Max: 1
Heading - Optional	
Loop: N1	Elements: 3

User Option (Usage): Used

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	Required
Description: Code identifying an organizational entity, a physical location, property or an individual						
Code Name						
BS Bill and Ship To						
ST Ship To						
N103	66	Identification Code Qualifier	C	ID	1/2	Used
Description: Code designating the system/method of code structure used for Identification Code (67)						
Code Name						
92 Assigned by Buyer or Buyer's Agent						
N104	67	Identification Code	C	AN	2/80	Required
Description: Code identifying a party or other code						
<i>This element will contain the actual DSW DC number "99999".</i>						

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.

Note:

This segment is used to identify the DSW 'ship to' location as it pertains to the order.

Example:

*N1*ST**92*99999*

N3 Address Information

Pos: 320	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

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	Required
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

Example:

*N3*4150 EAST FIFTH AVENUE*

N4 Geographic Location

Pos: 330	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

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				

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*COLUMBUS*OH*43219*US
```

Loop POC

Pos: 010	Repeat: >1
Optional	
Loop: POC	Elements: N/A

User Option (Usage): Used

To specify changes to a 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>
010	POC	Line Item Change	O	1		Used
050		Loop PID	O		1000	Used
100	REF	Reference Identification	O	>1		Future
190	SDQ	Destination Quantity	O	500		Future
200	DTM	Date/Time Reference	O	10		Future
460		Loop SLN	O		1000	Used

POC Line Item Change

Pos: 010	Max: 1
Detail - Optional	
Loop: POC	Elements: 20

User Option (Usage): Used

To specify changes to a line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC02	670	Change or Response Type Code	M	ID	2/2	Required
Description: Code specifying the type of change to the line item						
Code Name						
RZ Replace All Values						
POC03	330	Quantity Ordered	O	R	1/15	Used
Description: Quantity ordered						
<i>This is the new quantity ordered, not the original quantity ordered. It reflects the total quantity for this Line Item.</i>						
POC04	671	Quantity Left to Receive	C	R	1/9	Used
Description: Quantity left to receive as qualified by the unit of measure						
<i>This is the new quantity ordered, not the original quantity ordered. It reflects the total quantity for this Line Item.</i>						
POC05	355	Unit or Basis for Measurement Code	M	ID	2/2	Required
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
Code Name						
CA Case						
EA Each						
POC06	212	Unit Price	C	R	1/17	Used
Description: Price per unit of product, service, commodity, etc.						
<i>Price sent with a decimal point only when needed, e.g., \$15.95 = '15.95' and \$29.00 = '29'.</i>						
POC07	639	Basis of Unit Price Code	O	ID	2/2	Used
Description: Code identifying the type of unit price for an item						
<i>Data element used to clarify or alter the basis of unit price. The unit price expressed in POC06 is always in the same terms as the unit of measure in POC05, unless otherwise specified in POC07.</i>						
Code Name						
WE Wholesale Price per Each						
POC08	235	Product/Service ID Qualifier	C	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Code Name						
EN European Article Number (EAN) (2-5-5-1)						
UP U.P.C. Consumer Package Code (1-5-5-1)						
POC09	234	Product/Service ID	C	AN	1/48	Used
Description: Identifying number for a product or service						
POC10	235	Product/Service ID Qualifier	C	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						

Code Name

IT Buyer's Style Number
VA Vendor's Style Number

POC11 234 **Product/Service ID** C AN 1/48 Used

Description: Identifying number for a product or service

POC12 235 **Product/Service ID Qualifier** C ID 2/2 Used

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

Code Name

BO Buyers Color
CM National Retail Merchants Association Color Code

POC13 234 **Product/Service ID** C AN 1/48 Used

Description: Identifying number for a product or service

Three digit NRF code.

POC14 235 **Product/Service ID Qualifier** C ID 2/2 Used

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

Code Name

IZ Buyer's Size Code
SM National Retail Merchants Association Size Code

POC15 234 **Product/Service ID** C AN 1/48 Used

Description: Identifying number for a product or service

Five digit NRF code.

POC16 235 **Product/Service ID Qualifier** C ID 2/2 Used

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

Code Name

SK Stock Keeping Unit (SKU)

POC17 234 **Product/Service ID** C AN 1/48 Used

Description: Identifying number for a product or service

Seven digit DSW SKU.

POC18 235 **Product/Service ID Qualifier** C ID 2/2 Used

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

Code Name

JP Package Type Code

POC19 234 **Product/Service ID** C AN 1/48 Used

Description: Identifying number for a product or service

Four digit DSW prepack code.

POC20 235 **Product/Service ID Qualifier** C ID 2/2 Used

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

Code Name

TV Line of Business

POC21 234 **Product/Service ID** C AN 1/48 Used

Description: Identifying number for a product or service

This is the two-digit DSW business unit:

*10 - Value City Department Stores
29 - DSW Shoe Warehouse*

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		41 - SteinMart				
		65 - Gordman's				

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.

Note:

POC03 is the current (net) amount on order before the quantity is applied. POC04 is the quantity to be subtracted or added based upon the code in POC02.

The multi-SKU case pack is used by retailers to order cases packed with specific items, each with a specific quantity. This is similar to the dynamic assortment, however the unit of measurement code in POC05 is different for each use.

For dynamic assortments, POC05 will contain code AS. This identifies the item listed in the Product/Service IDs as an assortment and the contents of the assortment are listed in subsequent SLN segments. For assortments, at least one occurrence of the Product/Service ID Qualifier and the Product/Service ID are required to identify the assortment. This may be a U.P.C., a vendor assigned number, or a retailer assigned number. There is no implication of packaging for assortments; this is part of the trading partners' business practices. Assortments are primarily used as an ordering tool.

For the multi-SKU case pack, POC05 will contain code CA, and there is no requirement to send a Product/Service ID in the POC segment. The use of code CA in POC05, and the presence of the SLN segments, informs the receiver to pack the cases with the SKUs and quantities in the SLN segments. The quantity in POC03 is the number of cases being ordered. Each SLN segment, that follows the POC segment, lists the Product ID, e.g., U.P.C., and the quantity of the SKU that is to be in the case. The total units in each case is the sum of the quantities in the SLN segment.

When POC02 contains code PC, POC06 may be used to specify the new unit cost for the item, and the CTP segment immediately following may be used to specify the new price. The type of price is defined by CTP02.

Example:

*POC**RZ*35*35*CA*144*WE***VA*A4WUSU*CM*258***SK*5510847*JP*9712*TV*29.*

Loop PID

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

User Option (Usage): Used

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

PID Product/Item Description

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

User Option (Usage): Used

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	Required
Description: Code indicating the format of a description						
Code Name						
F Free-form						
<i>The description will be found in PID05.</i>						
PID02	750	Product/Process Characteristic Code	O	ID	2/3	Used
Description: Code identifying the general class of a product or process characteristic						
Code Name						
08 Product						
75 Buyer's Color Description						
PID05	352	Description	C	AN	1/80	Used
Description: A free-form description to clarify the related data elements and their content						

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.

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.

Note:

The PID segment is used to provide product/item descriptions in text and or coded formats. The codes in PID04 are maintained by the VICS EDI SMC and are only printed in this guideline.

This segment may be used to transmit semi-custom product descriptions, such as made-to-order window coverings, jewelry, furniture, apparel, automotive parts, and other customer specific products. When used for this purpose, PID04 will contain the multi-part VICS EDI Semi-Custom Product Description Code. The complete code list is contained in Section III. In addition to the VICS EDI Semi-Custom Product Description Code, PID05 may be used for text descriptions, PID06 for relative placement, and additional MEA segment(s) for actual measurement values.

Example:

PID*F*75***Dark Beige
PID*F*08***PHILIP:SUEDE

REF Reference Identification

Pos: 100	Max: >1
Detail - Optional	
Loop: POC	Elements: 2

User Option (Usage): Future

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	Required
Description: Code qualifying the Reference Identification						
Code Name						
DP Department Number						
REF02	127	Reference Identification	C	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.

Example:

*** For future use ***

SDQ Destination Quantity

Pos: 190	Max: 500
Detail - Optional	
Loop: POC	Elements: 22

User Option (Usage): Future

To specify destination and quantity detail

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>
SDQ01	355	Unit or Basis for Measurement Code	M	ID	2/2	Required
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		Code Name				
		CA		Case		
		EA		Each		
SDQ02	66	Identification Code Qualifier	O	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		Code Name				
		92		Assigned by Buyer or Buyer's Agent		
SDQ03	67	Identification Code	M	AN	2/80	Required
		Description: Code identifying a party or other code				
SDQ04	380	Quantity	M	R	1/15	Required
		Description: Numeric value of quantity				
SDQ05	67	Identification Code	C	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ06	380	Quantity	C	R	1/15	Used
		Description: Numeric value of quantity				
SDQ07	67	Identification Code	C	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ08	380	Quantity	C	R	1/15	Used
		Description: Numeric value of quantity				
SDQ09	67	Identification Code	C	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ10	380	Quantity	C	R	1/15	Used
		Description: Numeric value of quantity				
SDQ11	67	Identification Code	C	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ12	380	Quantity	C	R	1/15	Used
		Description: Numeric value of quantity				
SDQ13	67	Identification Code	C	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ14	380	Quantity	C	R	1/15	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Numeric value of quantity				
SDQ15	67	Identification Code	C	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ16	380	Quantity	C	R	1/15	Used
		Description: Numeric value of quantity				
SDQ17	67	Identification Code	C	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ18	380	Quantity	C	R	1/15	Used
		Description: Numeric value of quantity				
SDQ19	67	Identification Code	C	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ20	380	Quantity	C	R	1/15	Used
		Description: Numeric value of quantity				
SDQ21	67	Identification Code	C	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ22	380	Quantity	C	R	1/15	Used
		Description: Numeric value of quantity				

Syntax Rules:

1. P0506 - If either SDQ05 or SDQ06 is present, then the other is required.
2. P0708 - If either SDQ07 or SDQ08 is present, then the other is required.
3. P0910 - If either SDQ09 or SDQ10 is present, then the other is required.
4. P1112 - If either SDQ11 or SDQ12 is present, then the other is required.
5. P1314 - If either SDQ13 or SDQ14 is present, then the other is required.
6. P1516 - If either SDQ15 or SDQ16 is present, then the other is required.
7. P1718 - If either SDQ17 or SDQ18 is present, then the other is required.
8. P1920 - If either SDQ19 or SDQ20 is present, then the other is required.
9. P2122 - If either SDQ21 or SDQ22 is present, then the other is required.

Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.
3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Note:

This segment is used to distribute the line item quantity to various locations. SDQ02 serves the same purpose as N103, and all occurrences of Data Element 67 in this segment function as N104. The SDQ segment functions as an N1 segment containing code BY in N101, that is, the SDQ segment specifies various buying locations. The N1 segment, in the basic order, specifies only one location.

Example:

**** For future use ****

DTM Date/Time Reference

Pos: 200	Max: 10
Detail - Optional	
Loop: POC	Elements: 2

User Option (Usage): Future

To specify pertinent dates and times

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>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Required

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

Code Name

002 Delivery Requested

037 Ship Not Before

DTM02	373	Date	C	DT	8/8	Required
-------	-----	------	---	----	-----	----------

Description: Date expressed as CCYYMMDD

This segment to be used when a specific SKU requires a different delivery date than the order as a whole.

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Example:

*** For future use ***

Loop SLN

Pos: 460	Repeat: 1000
Optional	
Loop: SLN	Elements: N/A

User Option (Usage): Used

To specify product subline detail item data

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>
460	SLN	Subline Item Detail	O	1		Used

SLN Subline Item Detail

Pos: 460	Max: 1
Detail - Optional	
Loop: SLN	Elements: 14

User Option (Usage): Used

To specify product subline detail 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>
SLN01	350	Assigned Identification	M	AN	1/20	Required
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
SLN03	662	Relationship Code	M	ID	1/1	Required
		Description: Code indicating the relationship between entities				
		<u>Code</u>		<u>Name</u>		
		I		Included		
SLN04	380	Quantity	C	R	1/15	Used
		Description: Numeric value of quantity				
SLN05	355	Unit or Basis for Measurement Code	M	ID	2/2	Required
		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>		
		EA		Each		
SLN06	212	Unit Price	C	R	1/17	Used
		Description: Price per unit of product, service, commodity, etc.				
		<i>Price sent with a decimal point only when needed, e.g., \$15.95 = `15.95' and \$29.00 = `29'.</i>				
SLN07	639	Basis of Unit Price Code	O	ID	2/2	Used
		Description: Code identifying the type of unit price for an item				
		<i>This data element is used to clarify or alter the basis of unit price. The unit price expressed in SLN06 is always in the same terms as the unit of measure in SLN05, unless otherwise specified in SLN07.</i>				
		<u>Code</u>		<u>Name</u>		
		WE		Wholesale Price per Each		
SLN09	235	Product/Service ID Qualifier	C	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>		
		UP		U.P.C. Consumer Package Code (1-5-5-1)		
SLN10	234	Product/Service ID	C	AN	1/48	Used
		Description: Identifying number for a product or service				
SLN11	235	Product/Service ID Qualifier	C	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>		
		IT		Buyer's Style Number		
		VA		Vendor's Style Number		
SLN12	234	Product/Service ID	C	AN	1/48	Used
		Description: Identifying number for a product or service				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SLN13	235	Product/Service ID Qualifier	C	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Code Name						
BO Buyers Color						
CM National Retail Merchants Association Color Code						
SLN14	234	Product/Service ID	C	AN	1/48	Used
Description: Identifying number for a product or service						
<i>This is the three digit NRF code.</i>						
SLN15	235	Product/Service ID Qualifier	C	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Code Name						
IZ Buyer's Size Code						
SM National Retail Merchants Association Size Code						
SLN16	234	Product/Service ID	C	AN	1/48	Used
Description: Identifying number for a product or service						
<i>This is the five digit NRF code.</i>						

Syntax Rules:

1. P0405 - If either SLN04 or SLN05 is present, then the other is required.
2. C0706 - If SLN07 is present, then SLN06 is required.
3. C0806 - If SLN08 is present, then SLN06 is required.
4. P0910 - If either SLN09 or SLN10 is present, then the other is required.
5. P1112 - If either SLN11 or SLN12 is present, then the other is required.
6. P1314 - If either SLN13 or SLN14 is present, then the other is required.
7. P1516 - If either SLN15 or SLN16 is present, then the other is required.
8. P1718 - If either SLN17 or SLN18 is present, then the other is required.
9. P1920 - If either SLN19 or SLN20 is present, then the other is required.
10. P2122 - If either SLN21 or SLN22 is present, then the other is required.
11. P2324 - If either SLN23 or SLN24 is present, then the other is required.
12. P2526 - If either SLN25 or SLN26 is present, then the other is required.
13. P2728 - If either SLN27 or SLN28 is present, then the other is required.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3. SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Note:

This segment can be used to specify the originally ordered SKU for substituted SKUs. This segment can also be used to specify SKU contents of an assortment. The assortment can be defined by the retailer or the vendor. The assortment identification is in the line item detail segment for the transaction. This segment may be used to specify partial deletions of SKUs ordered but not invoiced and/or shipped.

If SLN03 contains code D or code I, then SLN04 and SLN05 are required.

SLN segments shall only be passed for musical casepacks. In the instance of solid casepacks, order information shall be rolled up to the PO1 segment.

Example:

*SLN*1**J*1*EA*12*WE**UP*680540307DSW*VA*A4WDSW*CM*258*SM*50355*

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

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	N0	1/6	Required

Description: Total number of line items in the transaction set

The number of POC segments present 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*2*

SE Transaction Set Trailer

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

User Option (Usage): Required

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	N0	1/10	Required
		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	Required
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		<i>This must be the same number as is in the ST segment (ST02) for the transaction set.</i>				

Comments:

1. 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): Required

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	Required
		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	Required
		Description: Assigned number originated and maintained by the sender				

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): Required

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	N0	1/5	Required
Description: A count of the number of functional groups included in an interchange						
IEA02	I12	Interchange Control Number	M	N0	9/9	Required
Description: A control number assigned by the interchange sender						

Note:

EXAMPLE 4010 X12 850:
ISA*00* *00* *ZZ*137885864T *ZZ*0000000000 *060224*0840*U*00200*000000003*0*T*~
GS*PC*137885864T*0000000000*20060224*0840*3*X*004010
ST*860*30001
BCH*04*SA*1111***20060223
CUR*SE*USD
REF*IA*00000009087
PER*OC*UNDEFINED BUYER*WP*614-238-5733*FX*614-238-4207*EM*vickilatorre@shonac.com
FOB*DF*OR
CSH*P4
CSH*Y
ITD*01*3*****60
DTM*037*20060224
DTM*063*20060325
TD5**92*ROUTE
N1*ST**92*99999
N3*4150 EAST FIFTH AVENUE
N4*COLUMBUS*OH*43219*US
POC**RZ*3*3*CA*214.8*WE***VA*VENDNUM*CM*011***SK*4762134*JP*9712*TV*29
PID*F*75***Charcoal
PID*F*08***VENDORSTYLEDESC
SLN*1**I*1*EA*17.9*WE**UP*123456789012*VA*VENDNUM*CM*011*SM*50305
SLN*2**I*2*EA*17.9*WE**UP*234567890123*VA*VENDNUM*CM*011*SM*50345
SLN*3**I*2*EA*17.9*WE**UP*345678901234*VA*VENDNUM*CM*011*SM*50385
SLN*4**I*2*EA*17.9*WE**UP*456789012345*VA*VENDNUM*CM*011*SM*50425
SLN*5**I*2*EA*17.9*WE**UP*678901234567*VA*VENDNUM*CM*011*SM*50465
SLN*6**I*2*EA*17.9*WE**UP*789012345678*VA*VENDNUM*CM*011*SM*50505
SLN*7**I*1*EA*17.9*WE**UP*890123456789*VA*VENDNUM*CM*011*SM*50545
POC**RZ*4*4*CA*214.8*WE***VA*VENDNUM*CM*100***SK*4762142*JP*9712*TV*29
PID*F*75***White
PID*F*08***VENDSTYLEDESC
SLN*1**I*1*EA*17.9*WE**UP*123456789012*VA*VENDNUM*CM*011*SM*50305
SLN*2**I*2*EA*17.9*WE**UP*234567890123*VA*VENDNUM*CM*011*SM*50345
SLN*3**I*2*EA*17.9*WE**UP*345678901234*VA*VENDNUM*CM*011*SM*50385
SLN*4**I*2*EA*17.9*WE**UP*456789012345*VA*VENDNUM*CM*011*SM*50425
SLN*5**I*2*EA*17.9*WE**UP*567890123456*VA*VENDNUM*CM*100*SM*50435
SLN*6**I*1*EA*17.9*WE**UP*678901234567*VA*VENDNUM*CM*011*SM*50465
SLN*7**I*1*EA*17.9*WE**UP*789012345678*VA*VENDNUM*CM*011*SM*50505
POC**RZ*2*2*EA*17.9*WE**UP*890123456789*VA*VENDNUM*CM*011*SM*50545*SK*4762134*JP*9996*TV*29
PID*F*75***Charcoal
PID*F*08***VENDSTYLEDESC
CTT*3
SE*40*30001
GE*1*3
IEA*1*000000003