

DSW - 850 Accessory Designer Shoe Warehouse

X12/V4010/850: 850 Purchase Order

Version: 1.0 Final

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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.

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	BEG	Beginning Segment for Purchase Order	M	1			Required
040	CUR	Currency	O	1			Used
050	REF	Reference Identification	O	1			Used
050	REF	Reference Identification	O	1			Used
060	PER	Administrative Communications Contact	O	1			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	>1			Used
150	DTM	Date/Time Reference	O	10			Used
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used

LOOP ID - N9

1000

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

LOOP ID - N1

200

310	N1	Name	O	1			Used
330	N3	Address Information	O	2			Used
340	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 - PO1

100000

N2/010L

010	PO1	Baseline Item Data	M	1		N2/010	Required
-----	-----	--------------------	---	---	--	--------	----------

LOOP ID - CTP

>1

040	CTP	Pricing Information	O	1			Used
-----	-----	---------------------	---	---	--	--	------

LOOP ID - PID

1000

050	PID	Product/Item Description	O	1			Used
100	REF	Reference Identification	O	>1			Used

LOOP ID - SLN

1000

N2/470L

470	SLN	Subline Item Detail	O	1			Used
-----	-----	---------------------	---	---	--	--	------

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			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:

2/010L PO102 is required.

2/010 PO102 is required.

2/470L SLN segments will be passed whenever a musical casepack is being ordered. If a solid casepack is being ordered, unit/pair information will be rolled up to the PO1 segment.

ISA Interchange Control Header

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

User Option (Usage): Required

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	Required
Description: Code to identify the type of information in the Authorization Information						
CodeList Summary (Total Codes: 7, Included: 1)						
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						
CodeList Summary (Total Codes: 2, Included: 1)						
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						
CodeList Summary (Total Codes: 38, Included: 4)						
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						
CodeList Summary (Total Codes: 38, Included: 4)						
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						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		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
		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. (Total Codes: 1)				
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Required
		Description: Code specifying the version number of the interchange control segments				
		CodeList Summary (Total Codes: 14, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		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. (Total Codes: 2)				
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				
		CodeList Summary (Total Codes: 3, Included: 2)				
		<u>Code</u>	<u>Name</u>			
		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

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	Required
Description: Code identifying a group of application related transaction sets						
CodeList Summary (Total Codes: 240, Included: 1)						
Code Name						
PO Purchase Order (850)						
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						
CodeList Summary (Total Codes: 2, Included: 1)						
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						
CodeList Summary (Total Codes: 39, Included: 1)						
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

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	Required

Description: Code uniquely identifying a Transaction Set

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

Code Name

850 Purchase Order

ST02	329	Transaction Set Control Number	M	AN	4/9	Required
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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

BEG Beginning Segment for Purchase Order

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

User Option (Usage): Required

Purpose: To indicate the beginning of the Purchase Order 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>
BEG01	353	Transaction Set Purpose Code	M	ID	2/2	Required
Description: Code identifying purpose of transaction set						
CodeList Summary (Total Codes: 65, Included: 1)						
Code Name						
00 Original						
BEG02	92	Purchase Order Type Code	M	ID	2/2	Required
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	Required
Description: Identifying number for Purchase Order assigned by the orderer/purchaser						
User Note 1: DSW original purchase order number.						
BEG05	373	Date	M	DT	8/8	Required
Description: Date expressed as CCYYMMDD						
User Note 1: DSW original purchase order date.						

Example:

*BEG*00*SA*95427**20050720*

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	Required
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1312, Included: 1)				
		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

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	Used

Description: Code qualifying the Reference Identification

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

Code Name

IA Internal Vendor Number

User Note 1:

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*00000000082*

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	Used

Description: Code qualifying the Reference Identification

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

Code Name

19 Division Identifier

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

User Note 1: *DSW Business Unit*

Syntax Rules:

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

Example:

*REF*IA*0000000082*

PER Administrative Communications Contact

Pos: 060	Max: 1
Heading - Optional	
Loop: N/A	Elements: 8

User Option (Usage): Used

Purpose: 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						
CodeList Summary (Total Codes: 230, Included: 1)						
<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						
CodeList Summary (Total Codes: 40, Included: 1)						
<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						
CodeList Summary (Total Codes: 40, Included: 1)						
<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						
CodeList Summary (Total Codes: 40, Included: 1)						
<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*RYAN ROSSLER*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

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	Required

Description: Code identifying payment terms for transportation charges

CodeList Summary (Total Codes: 28, Included: 5)

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

CodeList Summary (Total Codes: 172, Included: 2)

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

User Note 1: *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*MISS
FOB*DF*OR*BRAZIL

CSH Sales Requirements

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

User Option (Usage): Used

Purpose: 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

CodeList Summary (Total Codes: 54, Included: 5)

Code Name

N	No Back Order
Y	Back Order if Out of Stock
P2	Ship As Soon As Possible
P3	May Preship

User Note 1:

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

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

Description: Code identifying type of payment terms

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

Code Name

01	Basic
02	End of Month (EOM)

ITD07	386	Terms Net Days	O	N0	1/3	Used
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Description: Number of days until total invoice amount is due (discount not applicable)

User Note 1: End of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.

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.

Example:

ITD*01*3*****60

DTM Date/Time Reference

Pos: 150	Max: 10
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

Purpose: 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

CodeList Summary (Total Codes: 1112, Included: 3)

Code Name

002 Delivery Requested

037 Ship Not Before

User Note 1:

If retailer allows shipment before 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

DTM03	337	Time	C	TM	4/8	Used
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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)

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:

```
DTM*037*20051201  
DTM*063*20051215
```

TD5 Carrier Details (Routing Sequence/Transit Time)

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

User Option (Usage): Used

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD502	66	Identification Code Qualifier	C	ID	1/2	Used

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

CodeList Summary (Total Codes: 215, Included: 2)

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
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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 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

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	Required
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 1)						
Code Name						
TOC Type of Comment						
N903	369	Free-form Description	X	AN	1/45	Used
Description: Free-form descriptive text						

Syntax Rules:

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

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	Required

Description: Free-form message text

Syntax Rules:

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

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.

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

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	Required

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

CodeList Summary (Total Codes: 1312, Included: 4)

Code Name

BS	Bill and Ship To
FA	Facility
ST	Ship To
SU	Supplier/Manufacturer

User Note 1:

Supplier may or may not be the manufacturer

N102	93	Name	X	AN	1/60	Not Required
------	----	------	---	----	------	--------------

Description: Free-form name

N103	66	Identification Code Qualifier	C	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)

Code Name

92	Assigned by Buyer or Buyer's Agent
----	------------------------------------

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

Description: Code identifying a party or other code

User Note 1: *This element will contain the actual DSW DC number "99999".*

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 retailer's location as it pertains to the order. Every purchase order must contain the identity of the buying party "ship to" location.

Example:

*N1*ST**92*99999*

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	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: 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				

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 Baseline Item Data

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

User Option (Usage): Required

Purpose: To specify basic and most frequently used line 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>
010	PO1	Baseline Item Data	M	1		Required
040		Loop CTP	O		>1	Used
050		Loop PID	O		1000	Used
100	REF	Reference Identification	O	>1		Used
470		Loop SLN	O		1000	Used

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 21

User Option (Usage): Required

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						
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: 2)						
<u>Code</u> <u>Name</u>						
CA Case						
EA Each						
PO104	212	Unit Price	X	R	1/17	Used
Description: Price per unit of product, service, commodity, etc.						
User Note 1: Price sent with a decimal point when needed, e.g., \$15.95 = `15.95' and \$29.00 = `29'.						
PO105	639	Basis of Unit Price Code	O	ID	2/2	Used
Description: Code identifying the type of unit price for an item						
User Note 1: Element is used to clarify the basis of unit price.						
CodeList Summary (Total Codes: 91, Included: 1)						
<u>Code</u> <u>Name</u>						
WE Wholesale 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)						
CodeList Summary (Total Codes: 477, Included: 2)						
<u>Code</u> <u>Name</u>						
EN European Article Number (EAN) (2-5-5-1)						
UP U.P.C. Consumer Package Code (1-5-5-1)						
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)						
CodeList Summary (Total Codes: 477, Included: 1)						
<u>Code</u> <u>Name</u>						
VA Vendor's Style Number						
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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 477, Included: 2)				
		Code Name				
		BO Buyers Color				
		CM National Retail Merchants Association Color Code				
PO111	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		User Note 1: <i>Three-digit NRF color code.</i>				
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)				
		CodeList Summary (Total Codes: 477, Included: 2)				
		Code Name				
		IZ Buyer's Size Code				
		SM National Retail Merchants Association Size Code				
PO113	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		User Note 1: <i>Five digit NRF size code.</i>				
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)				
		CodeList Summary (Total Codes: 477, Included: 1)				
		Code Name				
		SK Stock Keeping Unit (SKU)				
PO115	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		User Note 1: <i>Seven-digit DSW SKU.</i>				
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)				
		CodeList Summary (Total Codes: 477, Included: 1)				
		Code Name				
		JP Package Type Code				
PO117	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		User Note 1: <i>4-6 digit DSW prepack code.</i>				
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)				
		CodeList Summary (Total Codes: 477, Included: 1)				
		Code Name				
		KB Data Category Code				
PO119	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		User Note 1: <i>DSW Style Category Code</i>				
PO120	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CodeList Summary (Total Codes: 477, Included: 1)						
Code Name						
ZZ Mutually Defined						
PO121	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
User Note 1: DSW Price Ticket Type						

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.

Loop Pricing Information

Pos: 040	Repeat: >1
Optional	
Loop: CTP	Elements: N/A

User Option (Usage): Used

Purpose: To specify pricing information

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>
040	CTP	Pricing Information	O	1		Used

CTP Pricing Information

Pos: 040	Max: 1
Detail - Optional	
Loop: CTP	Elements: 2

User Option (Usage): Used

Purpose: To specify pricing 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>
CTP02	236	Price Identifier Code	X	ID	3/3	Used

Description: Code identifying pricing specification

CodeList Summary (Total Codes: 164, Included: 2)

Code Name

MSR Manufacturer's Suggested Retail

RTL Retail

CTP03	212	Unit Price	X	R	1/17	Used
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Description: Price per unit of product, service, commodity, etc.

Syntax Rules:

1. P0405 - If either CTP04 or CTP05 is present, then the other is required.
2. C0607 - If CTP06 is present, then CTP07 is required.
3. C0902 - If CTP09 is present, then CTP02 is required.
4. C1002 - If CTP10 is present, then CTP02 is required.
5. C1103 - If CTP11 is present, then CTP03 is required.

Comments:

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

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

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	Used

Description: Code indicating the format of a description

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

Code Name

F Free-form

User Note 1:

The description will be found in PID05.

PID02	750	Product/Process Characteristic Code	O	ID	2/3	Used
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Description: Code identifying the general class of a product or process characteristic

CodeList Summary (Total Codes: 217, Included: 2)

Code Name

08 Product

75 Buyer's Color Description

PID05	352	Description	C	AN	1/80	Used
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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***TAN

PID*F*08***T-STRAP

REF Reference Identification

Pos: 100	Max: >1
Detail - Optional	
Loop: PO1	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	Required

Description: Code qualifying the Reference Identification

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

Code Name

DP Department Number

REF02	127	Reference Identification	X	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.

Loop Subline Item Detail

Pos: 470	Repeat: 1000
Optional	
Loop: SLN	Elements: N/A

User Option (Usage): Used

Purpose: 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>
470	SLN	Subline Item Detail	O	1		Used

SLN Subline Item Detail

Pos: 470	Max: 1
Detail - Optional	
Loop: SLN	Elements: 14

User Option (Usage): Used

Purpose: To specify product subline detail item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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						
CodeList Summary (Total Codes: 5, Included: 1)						
Code Name						
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						
CodeList Summary (Total Codes: 794, Included: 1)						
Code Name						
EA Each						
SLN06	212	Unit Price	C	R	1/17	Used
Description: Price per unit of product, service, commodity, etc.						
User Note 1: The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as ``15.95", and \$29.00 would be sent as ``29".						
SLN07	639	Basis of Unit Price Code	O	ID	2/2	Used
Description: Code identifying the type of unit price for an item						
User Note 1: Element used to clarify the basis of unit price.						
CodeList Summary (Total Codes: 91, Included: 1)						
Code Name						
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)						
CodeList Summary (Total Codes: 477, Included: 1)						
Code Name						
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)						
CodeList Summary (Total Codes: 477, Included: 2)						
Code Name						
IT Buyer's Style Number						

Code Name

VA Vendor's Style Number

SLN12	234	Product/Service ID	C	AN	1/48	Used
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Description: Identifying number for a product or service

SLN13	235	Product/Service ID Qualifier	C	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)**CodeList Summary** (Total Codes: 477, Included: 2)**Code Name**

BO Buyers Color

CM National Retail Merchants Association Color Code

SLN14	234	Product/Service ID	C	AN	1/48	Used
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Description: Identifying number for a product or service**User Note 1:** *Three digit NRF color code.*

SLN15	235	Product/Service ID Qualifier	C	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)**CodeList Summary** (Total Codes: 477, Included: 2)**Code Name**

IZ Buyer's Size Code

SM National Retail Merchants Association Size Code

SLN16	234	Product/Service ID	C	AN	1/48	Used
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Description: Identifying number for a product or service**User Note 1:** *Five digit NRF size code.***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.

Example:

SLN*1**I*1*EA*20.85*WE**UP*726821510DSW*VA*658DSW*CM*220*SM*50435
SLN*2**I*1*EA*20.85*WE**UP*726821510DSW*VA*658DSW*CM*220*SM*50455

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	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	O	N0	1/6	Used

Description: Total number of line items in the transaction set

Example:

*CTT*200*

SE Transaction Set Trailer

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

User Option (Usage): Required

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	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

User Note 1: *This must be the same number as is in the ST segment (ST02) for the transaction set.*

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

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	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

Purpose: To define the end of 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>
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				