

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			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BEG	Beginning Segment for Purchase Order	M	1			Must use
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
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

<u>LOOP ID - N1</u>					<u>200</u>		
310	N1	Name	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>
<u>LOOP ID - PO1</u>					<u>100000</u>	<u>N2/010L</u>	
010	PO1	Baseline Item Data	M	1		N2/010	Must use
<u>LOOP ID - CTP</u>					<u>≥1</u>		
040	CTP	Pricing Information	O	1			Used
<u>LOOP ID - PID</u>					<u>1000</u>		
050	PID	Product/Item Description	O	1			Used
<u>LOOP ID - SAC</u>					<u>25</u>		
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
190	SDQ	Destination Quantity	O	500			Used
<u>LOOP ID - N1</u>					<u>200</u>		
350	N1	Name	O	1			Used

Pos Id Segment Name Req Max Use Repeat Notes Usage

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>
LOOP ID - CTT					1	N3/010L	
010	CTT	Transaction Totals	O	1		N3/010	Used
030	SE	Transaction Set Trailer	M	1			Must use

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>
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

2/010L PO102 is required.

2/010 PO102 is required.

3/010L The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/010 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Note:

HauteLook Preferred Values:

Sub element Separator...ISA16: Hex 6E

Element Separator: Hex 5C

Segment Terminator: Hex A1

*** 997 ***

HauteLook requires a 997 (functional Acknowledgment) be returned by the brand partner/vendor within 48 hours of HauteLook's sending the 850 document. This is very important. If HauteLook does not receive the 997 within 48 hours, we will have to contact your company to confirm receipt of the file. This causes additional work on the part of HauteLook. Repeated non-compliance on the 997 could result in your company receiving off set charges.

ISA Interchange Control Header

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

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use

Description: Code to identify the type of information in the Authorization Information

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	Must use
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Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)

Note: Spaces

ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
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Description: Code to identify the type of information in the Security Information

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	Must use
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Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

Note: Spaces

ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
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Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

Note: HauteLook's qualifier is 'ZZ'

Note: HauteLook's qualifier is 'ZZ'

ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
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Description: Identification code

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		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 Note: <i>HauteLook's sender ID is 'HAUTELOOK1212'</i>				
ISA07	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified Note: <i>Qualifier selected by receiver</i>	M	ID	2/2	Must use
ISA08	I07	Interchange Receiver ID 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 Note: <i>Receiver ID selected by receiver</i>	M	AN	15/15	Must use
ISA09	I08	Interchange Date Description: Date of the interchange Note: <i>Date ISA was generated - YYMMDD</i>	M	DT	6/6	Must use
ISA10	I09	Interchange Time Description: Time of the interchange Note: <i>Time ISA was generated -- HHMM</i>	M	TM	4/4	Must use
ISA11	I10	Interchange Control Standards Identifier Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer	M	ID	1/1	Must use
ISA12	I11	Interchange Control Version Number Description: Code specifying the version number of the interchange control segments CodeList Summary (Total Codes: 17, Included: 1) Code Name 00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997, Version 4, Release 1	M	ID	5/5	Must use
ISA13	I12	Interchange Control Number Description: A control number assigned by the interchange sender Note: <i>Sender assigned sequential</i>	M	N0	9/9	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>number starting with 1 incremented by 1 for each transmission.</i>				
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use
		<p>Description: Code sent by the sender to request an interchange acknowledgment (TA1)</p> <p>CodeList Summary (Total Codes: 2, Included: 1)</p> <p><u>Code Name</u></p> <p>0 No Acknowledgment Requested</p>				
ISA15	I14	Usage Indicator	M	ID	1/1	Must use
		<p>Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information</p> <p>CodeList Summary (Total Codes: 3, Included: 2)</p> <p><u>Code Name</u></p> <p>P Production Data</p> <p>T Test Data</p>				
ISA16	I15	Component Element Separator	M		1/1	Must use
		<p>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</p> <p>Note: '>'</p>				

GS Functional Group Header

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

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use
<p>Description: Code identifying a group of application related transaction sets</p> <p>CodeList Summary (Total Codes: 224, Included: 1)</p> <p>Code Name PO Purchase Order (850)</p>						
GS02	142	Application Sender's Code	M	AN	2/15	Must use
<p>Description: Code identifying party sending transmission; codes agreed to by trading partners</p> <p>Note: HauteLook's sender ID is 'HAUTELOOK1212'</p>						
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
<p>Description: Code identifying party receiving transmission; codes agreed to by trading partners</p> <p>Note: Receiver ID selected by receiver</p>						
GS04	373	Date	M	DT	8/8	Must use
<p>Description: Date expressed as CCYYMMDD</p> <p>Note: Date GS was generated -- CCYYMMDD</p>						
GS05	337	Time	M	TM	4/8	Must use
<p>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)</p> <p>Note: Time GS was generated -- HHMM</p>						
GS06	28	Group Control Number	M	N0	1/9	Must use
<p>Description: Assigned number originated and maintained by the sender</p> <p>Note: Sender assigned sequential number starting with 1 incremented by 1</p>						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
		<i>for each transmission.</i>								
GS07	455	Responsible Agency Code	M	ID	1/2	Must use				
		<p>Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard</p> <p>CodeList Summary (Total Codes: 2, Included: 1)</p> <p>Code Name</p> <p>X Accredited Standards Committee X12</p>								
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use				
		<p>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</p> <p>CodeList Summary (Total Codes: 33, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>004010VIC S</td> <td>Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997, Version 4, Release 1, the VICS EDI subset</td> </tr> </tbody> </table>					<u>Code</u>	<u>Name</u>	004010VIC S	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997, Version 4, Release 1, the VICS EDI subset
<u>Code</u>	<u>Name</u>									
004010VIC S	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997, Version 4, Release 1, the VICS EDI subset									

Semantics

:

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

Comments:

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

ST Transaction Set Header

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

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
<p>Description: Code uniquely identifying a Transaction Set</p> <p>CodeList Summary (Total Codes: 298, Included: 1)</p> <p>Code Name 850 Purchase Order</p>						
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
<p>Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</p>						

Semantics:

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

BEG Beginning Segment for Purchase Order

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

User Option (Usage): Must use

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

Element Summary:

<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	Must use
		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	Must use
		Description: Code specifying the type of Purchase Order				
		CodeList Summary (Total Codes: 69, Included: 2)				
		Code Name				
		RE Reorder				
		SA Stand-alone Order				
BEG03	324	Purchase Order Number	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
		Note: <i>HauteLook Purchase Order Number</i>				
BEG04	328	Release Number	O	AN	1/30	Not used
		Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction				
BEG05	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				

Semantics:

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

CUR Currency

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

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use

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

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

Code Name

BY Buying Party (Purchaser)

CUR02	100	Currency Code	M	ID	3/3	Must use
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Description: Code (Standard ISO) for country in whose currency the charges are specified

Note: Standard ISO currency values

Note: Standard ISO currency values apply.

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.

REF Reference Identification

Pos: 050	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

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

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 5)

Code Name

IA Internal Vendor Number

Note:

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

MR Merchandise Type Code

Note:

HauteLook Season Code used for Ticketing

QC Product Specification Document Number

Note:

Pre-Mark Indicator - HauteLook will send a value of "BULK" in the REF02 if this order is to be packed in bulk.

TC Vendor Terms

Note:

*00 = Vendor pays no freight
 01 = Vendor pays total freight
 02 = Vendor pays 1/2 freight
 03 = Vendor pays difference between surface and air
 04 = Vendor pays 1/2 difference between surface and air
 05 = Other special agreement*

ZZ Mutually Defined

Note:

HauteLook PO Terms & Conditions Statement.

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

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

Semantics:

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

Notes:

HauteLook will send at least an occurrence of the REF: (1) The HauteLook Vendor ID. (2) A statement referring to HauteLook's PO Terms & Conditions. (3) If sent, the HauteLook event code for pre-ticketing purposes. (4) If sent, the HauteLook brand partner terms. (5) If sent, the HauteLook season code for ticketing purposes. (6) If sent, the Pre-Mark indicator of 'BULK' will be sent if this order should be packed in bulk.

PER Administrative Communications Contact

Pos: 060	Max: 3
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

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

Element Summary:

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

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

CodeList Summary (Total Codes: 230, Included: 1)

Code Name

BD Buyer Name or Department

PER02	93	Name	O	AN	1/60	Used
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Description: Free-form name

Note: *Buyer's Name*

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.

FOB F.O.B. Related Instructions

Pos: 080	Max: >1
Heading - Optional	
Loop: N/A	Elements: 7

User Option (Usage): Used

Purpose: To specify transportation instructions relating to shipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FOB01	146	Shipment Method of Payment	M	ID	2/2	Must use

Description: Code identifying payment terms for transportation charges

Note: *May include one of the following:*

CodeList Summary (Total Codes: 28, Included: 7)

Code Name

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

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

Note: *May include one of the following:*

CodeList Summary (Total Codes: 172, Included: 20)

Code Name

- O Office Address
- AC City and State
- CA Country of Origin
- CC Country
- CI City
- CO County/Parish and State
- CS Canadian SPLC
- CY County/Parish
- DE Destination (Shipping)
- FA Factory
- FE Freight Equalization Point
- FF Foreign Freight Forwarder Location
- MI Mill
- NS City/State from Points
- OA Origin (After Loading on Equipment)
- OR Origin (Shipping Point)
- OV On Vessel (Free On Board [FOB] point)
- SP State/Province

Code Name

TL Terminal Cargo Location
 WH Warehouse

FOB03	352	Description	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
FOB04	334	Transportation Terms Qualifier Code	O	ID	2/2	Not used
		Description: Code identifying the source of the transportation terms				
FOB05	335	Transportation Terms Code	C	ID	3/3	Not used
		Description: Code identifying the trade terms which apply to the shipment transportation responsibility				
FOB06	309	Location Qualifier	C	ID	1/2	Used
		Description: Code identifying type of location				
		Note: <i>May include one of the following:</i>				

CodeList Summary (Total Codes: 172, Included: 20)

Code Name

O Office Address
 AC City and State
 CA Country of Origin
 CC Country
 CI City
 CO County/Parish and State
 CS Canadian SPLC
 CY County/Parish
 DE Destination (Shipping)
 FA Factory
 FE Freight Equalization Point
 FF Foreign Freight Forwarder Location
 MI Mill
 NS City/State from Points
 OA Origin (After Loading on Equipment)
 OR Origin (Shipping Point)
 OV On Vessel (Free On Board [FOB] point)
 SP State/Province
 TL Terminal Cargo Location
 WH Warehouse

FOB07	352	Description	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

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

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Optional	
Loop: N/A	Elements: 13

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: 5)

Code Name

- 01 Basic
- 02 End of Month (EOM)
- 05 Discount Not Applicable
- 08 Basic Discount Offered
- 12 10 Days After End of Month (10 EOM)

ITD02	333	Terms Basis Date Code	O	ID	1/2	Used
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Description: Code identifying the beginning of the terms period

CodeList Summary (Total Codes: 17, Included: 1)

Code Name

- 3 Invoice Date

ITD03	338	Terms Discount Percent	O	R	1/6	Used
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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

ITD04	370	Terms Discount Due Date	C	DT	8/8	Not used
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Description: Date payment is due if discount is to be earned expressed in format CCYYMMDD

ITD05	351	Terms Discount Days Due	C	N0	1/3	Used
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Description: Number of days in the terms discount period by which payment is due if terms discount is earned

ITD06	446	Terms Net Due Date	O	DT	8/8	Not used
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Description: Date when total invoice amount becomes due expressed in format CCYYMMDD

ITD07	386	Terms Net Days	O	N0	1/3	Used
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Number of days until total invoice amount is due (discount not applicable)				
ITD08	362	Terms Discount Amount	O	N2	1/10	Not used
		Description: Total amount of terms discount				
ITD09	388	Terms Deferred Due Date	O	DT	8/8	Not used
		Description: Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD				
ITD10	389	Deferred Amount Due	C	N2	1/10	Not used
		Description: Deferred amount due for payment				
ITD11	342	Percent of Invoice Payable	C	R	1/5	Not used
		Description: Amount of invoice payable expressed in percent				
ITD12	352	Description	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
ITD13	765	Day of Month	C	N0	1/2	Used
		Description: The numeric value of the day of the month between 1 and the maximum day of the month being referenced				

Syntax Rules:

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

Semantics:

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

Comments:

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

DTM Date/Time Reference

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

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	Must use

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

CodeList Summary (Total Codes: 1112, Included: 2)

Code Name

001 Cancel After

Note:

Past Cancel

037 Ship Not Before

Note:

Early Ship

DTM02	373	Date	C	DT	8/8	Must use
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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.

Notes:

HauteLook will send two occurrences of the DTM. The first occurrence will contain the Early Ship Date (037). The second occurrence will contain the Past Cancel Date (001).

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 240	Max: 12
Heading - Optional	
Loop: N/A	Elements: 4

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
TD501	133	Routing Sequence Code Description: Code describing the relationship of a carrier to a specific shipment movement	O	ID	1/2	Not used
TD502	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67)	C	ID	1/2	Not used
TD503	67	Identification Code Description: Code identifying a party or other code	C	AN	2/80	Not used
TD504	91	Transportation Method/Type Code Description: Code specifying the method or type of transportation for the shipment CodeList Summary (Total Codes: 71, Included: 3) Code Name A Air M Motor (Common Carrier) S Ocean	C	ID	1/2	Used

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.

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

- 1.

N1 Name

Pos: 310	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

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

Element Summary:

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

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

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

Code Name

TO Message To

N102	93	Name	C	AN	1/60	Used
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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	Must use
------	----	----------------------------	---	----	------	----------

Description: Code identifying a party or other code

Note: *Vendor ID*

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.

PO1 Baseline Item Data

Pos: 010 Max: 1
 Detail - Mandatory
 Loop: PO1 Elements: 11

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO101	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20	Used
PO102	330	Quantity Ordered Description: Quantity ordered	C	R	1/15	Must use
PO103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Note: See Section III for code list.	O	ID	2/2	Must use
CodeList Summary (Total Codes: 794, Included: 2)						
<u>Code Name</u>						
CA Case						
EA Each						
PO104	212	Unit Price Description: Price per unit of product, service, commodity, etc.	C	R	1/17	Used
PO105	639	Basis of Unit Price Code Description: Code identifying the type of unit price for an item	O	ID	2/2	Used
CodeList Summary (Total Codes: 91, Included: 1)						
<u>Code Name</u>						
PE Price per Each						
PO106	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2	Used
CodeList Summary (Total Codes: 477, Included: 2)						
<u>Code 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	C	AN	1/48	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: Identifying number for a product or service				
PO108	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				
		VA Vendor's Style Number				
PO109	234	Product/Service ID	C	AN	1/48	Used
		Description: Identifying number for a product or service				
PO110	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)				
PO111	234	Product/Service ID	C	AN	1/48	Used
		Description: Identifying number for a product or service				
		Note: HauteLook Class code for pre-ticketing purposes				

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.

CTP Pricing Information

Pos: 040 Max: 1
 Detail - Optional
 Loop: CTP Elements: 3

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>
CTP01	687	Class of Trade Code	O	ID	2/2	Used
		Description: Code indicating class of trade				
CTP02	236	Price Identifier Code	C	ID	3/3	Must use
		Description: Code identifying pricing specification				

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

Code Name

PRP Promotional price

Note:
Promotion/Event

RES Resale

Note:
Retail price

CTP03	212	Unit Price	C	R	1/17	Must use
		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.

Semantics:

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

PID Product/Item Description

Pos: 050	Max: 1
Detail - Optional	
Loop: PID	Elements: 5

User Option (Usage): Used

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

Element Summary:

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

Description: Code indicating the format of a description

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

Code Name

F Free-form

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: 3)

Code Name

08 Product
73 Vendor color description
74 Vendor size description

PID03	559	Agency Qualifier Code	C	ID	2/2	Used
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Description: Code identifying the agency assigning the code values

CodeList Summary (Total Codes: 176, Included: 1)

Code Name

VI Voluntary Inter-Industry Commerce Standard (VICS) EDI

PID04	751	Product Description Code	C	AN	1/12	Used
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Description: A code from an industry code list which provides specific data about a product characteristic

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.

Semantics:

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

Notes:

HauteLook will send three occurrences of the PID. The first occurrence will contain the Product Description (08). The second occurrence will contain the Color Description (73). The third occurrence will contain the Size description (74).

SAC Service, Promotion, Allowance, or Charge Information

Pos: 130	Max: 1
Detail - Optional	
Loop: SAC	Elements: 13

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

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>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use
<p>Description: Code which indicates an allowance or charge for the service specified</p> <p>CodeList Summary (Total Codes: 7, Included: 1)</p> <p>Code Name</p> <p>N No Allowance or Charge</p>						
SAC02	1300	Service, Promotion, Allowance, or Charge Code	C	ID	4/4	Used
<p>Description: Code identifying the service, promotion, allowance, or charge</p> <p>Note: See Section III for code list.</p>						
SAC03	559	Agency Qualifier Code	C	ID	2/2	Used
<p>Description: Code identifying the agency assigning the code values</p> <p>CodeList Summary (Total Codes: 176, Included: 1)</p> <p>Code Name</p> <p>VI Voluntary Inter-Industry Commerce Standard (VICS) EDI</p>						
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	C	AN	1/10	Used
<p>Description: Agency maintained code identifying the service, promotion, allowance, or charge</p> <p>Note: TC990101 - Ticketing Service HA - Hanging Service</p>						
SAC05	610	Amount	O	N2	1/15	Not used
<p>Description: Monetary amount</p>						
SAC06	378	Allowance/Charge Percent Qualifier	C	ID	1/1	Not used
<p>Description: Code indicating on what basis allowance or charge percent is calculated</p>						
SAC07	332	Percent	C	R	1/6	Not 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: Percent expressed as a percent				
SAC08	118	Rate	O	R	1/9	Not used
		Description: Rate expressed in the standard monetary denomination for the currency specified				
SAC09	355	Unit or Basis for Measurement Code	C	ID	2/2	Not used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
SAC10	380	Quantity	C	R	1/15	Not used
		Description: Numeric value of quantity				
SAC11	380	Quantity	O	R	1/15	Not used
		Description: Numeric value of quantity				
SAC12	331	Allowance or Charge Method of Handling Code	O	ID	2/2	Not used
		Description: Code indicating method of handling for an allowance or charge				
SAC13	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				
		Note: Ticketing Code as defined in HauteLook Brand Partner Compliance Manual. Hanger Type as defined in the HauteLook Brand Partner Compliance Manual.				

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. C1413 - If SAC14 is present, then SAC13 is required.
8. C1615 - If SAC16 is present, then SAC15 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.

5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

SDQ Destination Quantity

Pos: 190	Max: 500
Detail - Optional	
Loop: PO1	Elements: 22

User Option (Usage): Used

Purpose: To specify destination and quantity detail

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p>Note: See Section III for code list.</p> <p>CodeList Summary (Total Codes: 794, Included: 1)</p> <p>Code Name EA Each</p>						
SDQ02	66	Identification Code Qualifier	O	ID	1/2	Not used
<p>Description: Code designating the system/method of code structure used for Identification Code (67)</p> <p>CodeList Summary (Total Codes: 215, Included: 1)</p> <p>Code Name 92 Assigned by Buyer or Buyer's Agent</p>						
SDQ03	67	Identification Code	M	AN	2/80	Must use
<p>Description: Code identifying a party or other code</p> <p>Note: HauteLook's 4 digit FC number. HauteLook FC numbers should be 4 digits with leading 0's. For example, FC #1 would be sent as 0001.</p> <p>When the SDQ is followed by an N1 segment with the ST qualifier, use the value in the N102 as the DC/Store shipping location. All merchandise for the stores listed on the SDQ should be shipped to the DC/Store specified on the N1.</p> <p>When the SDQ is not followed by an N1 segment with an ST qualifier, look up the DC provided on the SDQ in the Store/DC table provided in the Brand Partner Compliance manual to determine the shipping location.</p>						
SDQ04	380	Quantity	M	R	1/15	Must use
<p>Description: Numeric value of quantity</p>						
SDQ05	67	Identification Code	C	AN	2/80	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 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
		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				

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

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.

Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

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.

Notes:

An SDQ segment can hold up to 10 locations. When the PO has more than 10 locations, additional SDQ segments will be sent.

N1 Name

Pos: 350	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

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

Element Summary:

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

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

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

Code Name

ST Ship To

N102	93	Name	C	AN	1/60	Used
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Description: Free-form name

Note: Element is used to provide the 4 digit HauteLook Ship To location in the ST (Ship To) loop – HauteLook ship to locations are 4 digits with leading 0's (4/4 NO).

N103	66	Identification Code Qualifier	C	ID	1/2	Not used
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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	Not used
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Description: Code identifying a party or other code

Syntax Rules:

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

Comments:

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

Notes:

There can be only one iteration of the N1 loop in the detail area for each PO1 segment.

CTT Transaction Totals

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

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use

Description: Total number of line items in the transaction set

Note: *The number of PO1 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.

SE Transaction Set Trailer

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

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		Note: <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): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Must use
<p>Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element</p> <p>Note: <i>The count of ST segments within the group.</i></p>						
GE02	28	Group Control Number	M	N0	1/9	Must use
<p>Description: Assigned number originated and maintained by the sender</p> <p>Note: <i>This must be the same number as is in the GS segment (GS06) for the group.</i></p>						

Semantics:

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

Comments:

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

IEA Interchange Control Trailer

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

User Option (Usage): Must use

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

Element Summary:

<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	Must use
		<p>Description: A count of the number of functional groups included in an interchange</p> <p>Note: <i>The count of GS segments within the transmission.</i></p>				
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use
		<p>Description: A control number assigned by the interchange sender</p> <p>Note: <i>This must be the same number as is in the ISA segment (ISA13) for the transmission.</i></p>				

Note:

Example

ISA*00* 00* *ZZ*HAUTELOOK1212T*01*9999999999 *171204*2202*U*00401*000000159*0*T>~
 GS*PO*HAUTELOOK1212T*999999999*20171204*2202*159*X*004010VICS~
 ST*850*1590001~
 BEG*00*SA*0009594**20171129~
 CUR*BY*USD~
 REF*IA*0999999999*~
 REF*DP*0109*~
 REF*ZZ**ALL NORDSTROM P.O.TERMS & CONDITIONS APPLY SEE WWW.NORDSTROMSUPPLIER.COM~
 FOB*CC*FA*Factory***FA*Factory~
 DTM*037*20171230~
 DTM*001*20171229~
 N1*TO**92*0000111111~
 PO1*1*150*EA*4.75**UP*799999999999*VA*ABC123~
 PID*F*08***Gown~
 PID*F*73***Red~
 PID*F*74***M~
 SDQ*EA*92*0881*150~
 N1*ST*0562~
 PO1*2*165*EA*5**UP*799999999991*VA*ABC123~
 PID*F*08***Gown~
 PID*F*73***Blue~
 PID*F*74***L~
 SDQ*EA*92*0881*165~
 N1*ST*0562~
 PO1*3*180*EA*6**UP*799999999992*VA*ABC123~
 PID*F*08***Gown~
 PID*F*73***Green~
 PID*F*74***XL~
 SDQ*EA*92*0881*180~
 N1*ST*0562~
 PO1*4*195*EA*6.5**UP*799999999993*VA*ABC123~
 PID*F*08***Gown~
 PID*F*73***Yellow~
 PID*F*74***S~
 SDQ*EA*92*0881*195~
 N1*ST*0562~
 CTT*4~
 SE*36*1590001~
 GE*1*159~
 IEA*1*000000159~