

856 Ship Notice/Manifest

Functional Group=SH

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

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	BSN	Beginning Segment for Ship Notice	M	1			Must use

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 - HL</u>					<u>200000</u>	<u>C2/010L</u>	
010	HL	Hierarchical Level	M	1		C2/010	Must use
110	TD1	Carrier Details (Quantity and Weight)	O	20			Must use
120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Must use
150	REF	Reference Identification	O	>1			Must use
200	DTM	Date/Time Reference	O	10			Used
<u>LOOP ID - N1</u>					<u>200</u>		
220	N1	Name	O	1			Must use
240	N3	Address Information	O	2			Used
250	N4	Geographic Location	O	1			Used
<u>LOOP ID - HL</u>					<u>200000</u>	<u>C2/010L</u>	
010	HL	Hierarchical Level	M	1		C2/010	Must use
050	PRF	Purchase Order Reference	O	1			Must use
110	TD1	Carrier Details (Quantity and Weight)	O	20			Used
150	REF	Reference Identification	O	>1			Used
<u>LOOP ID - N1</u>					<u>200</u>		
220	N1	Name	O	1			Used
<u>LOOP ID - HL</u>					<u>200000</u>	<u>C2/010L</u>	

<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 - HL</u>				<u>200000</u>		<u>C2/010L</u>	
010	HL	Hierarchical Level	M	1		C2/010	Must use
020	LIN	Item Identification	O	1			Must use
030	SN1	Item Detail (Shipment)	O	1			Must use

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	CTT	Transaction Totals	O	1		N3/010	Used
020	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:

3/010 Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Comments:

- 2/010L The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
- 2/010 The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
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- 2/010 The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

Note:

Case Pack UPC's Please note that if HauteLook sends your company a case pack UPC (unit of measure of 'CA' in PO103), we require the 856 back at the individual component level (an individual UPC for each item).

Consolidated ASN Requirements For consolidated shipments HauteLook requires that there is one VICS 856 ASN with carton level information per shipment, per ship-to location (distribution center), and each ship notice must contain its own unique sub-bill of lading number. HauteLook also requires that the ASN is transmitted and received by HauteLook's warehouse management system prior to the shipment's arrival in the distribution center. A chargeback will be applied if this requirement is not met.

*UPS ASN Requirements For shipments sent via UPS, HauteLook requires that there is one ASN transmitted per case and the tracking number provided by UPS must populate the sub-bill of lading field (REF*BM segment) and the PRO number field (REF*CN segment). HauteLook also requires that the ASN is transmitted and received by HauteLook's warehouse management system prior to the shipment's arrival in the distribution center. Bulk Pack ASN If asked to bulk pack a PO by receiving a code of "BULK" in the REF*QC segment, the 856/ASN should contain the DC number in both the ship-to (N1*ST) and mark-for (N1*BY) segments.*

Master pack ASN requirements- In the event that small individual store cartons for multiple stores (going to the same DC) are combined for one purchase order into a master pack. HauteLook maintains two master pack ASN requirements depending on the mode of transportation used:

*The ASN requirement for shipping consolidated master-packed cases is that there is one ASN transmitted where the REF*BM segment reflects the unique sub-bill of lading number, the N1*ST segment reflects the correct ship-to location (distribution center), the N1*BY segment indicates the appropriate store destination and the MAN segments reflect the correct GS1-128 case IDs for all the cases within each master case. The outer (master) carton must be clearly identified as a master pack by writing or labeling the word "master pack" on the outside of the case.*

*The ASN requirement for shipping UPS master-packed cases is that there is one ASN per master case and that the REF*BM segment (sub-bill of lading) reflects UPS's tracking number and there must be a GS1-128 label affixed to each inner carton that is accounted for in the MAN segments of the ASN. (e.g. If shipping 2 cases containing 5 boxes each to DC 299 then two ASNs must be transmitted – 1 ASN for each master case.) The outer (master) carton must be clearly identified as a master pack by writing or labeling the word "master pack" on the outside of the case.*

ASNs for "No Charge" Merchandise Shipments containing "no charge" merchandise (i.e. testers, samples) must be packed in separate case(s) from the retail merchandise and clearly marked as "no charge". Separate inner carton (s) of "no charge" merchandise (i.e. testers, samples) may be packed within large case (s) of retail merchandise but must be clearly marked as "no charge" and maintain separation from retail merchandise. ASNs are not required for "no charge" merchandise shipped in this manner.

"No charge" merchandise shipped in any other manner, including loose within case(s) containing retail merchandise must have valid UPCs with the HauteLook Inventory system and accurately represented within the ASN for that shipment. Expense offset chargebacks will be assessed for inaccurate ASNs containing "no charge" merchandise that do not meet these requirements.

Vendor Accuracy Audit Program HauteLook uses warehouse management technology to receive merchandise using the ASN and pay vendors with EDI invoices. Therefore, vendors must make every effort to ensure that shipments are 100% accurate. HauteLook's audit program samples a percentage of all shipments received against the corresponding ASN to monitor accuracy. If the sample does not match what was indicated per the ASN an inaccurate chargeback will be applied.

"HauteLook requires that all vendor ASNs are 100% accurate. HauteLook has implemented an accuracy audit program to ensure compliance and accuracy. This audit program compares the UPC/EANs physically contained within the carton to the UPC/EANs on the corresponding ASN as well as a review of the vendor's floor ready compliance. When audit results indicate errors, HauteLook will discontinue the use of the ASN when processing the shipment and a chargeback will be applied for each shipment processed manually until accuracy is attained."

Re-transmitting ASN Data ASN data can be retransmitted to HauteLook at any time prior to the shipment's arrival in the distribution center. However, to ensure correct retransmission, the new or corrected ASN must maintain the same sub-bill of lading value PO/DC combination as the original. This is the value sent in the REF/BM. This will allow the "new" ASN to overwrite the original ASN in our warehouse management system. If the 'new' data reaches our warehouse management system before the warehouse personnel begin to process the shipment and all other information within the transmission is accurate, no charge backs should be incurred. However, if the shipment arrives before the "new" ASN is received then the shipment will be received with the original ASN data. Please note, to avoid duplication errors, we advise waiting 60 minutes before re-transmitting the correct EDI 856.

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)

Notes: 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: 2)

Code Name

00 No Security Information Present (No Meaningful Information in I04)

01 Password

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)

Notes: 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

Notes: Qualifier Selected by Sender

CodeList Summary (Total Codes: 38, Included: 7)

Code Name

- 01 Duns (Dun & Bradstreet)
- 02 SCAC (Standard Carrier Alpha Code)
- 08 UCC EDI Communications ID (Comm ID)
- 12 Phone (Telephone Companies)
- 14 Duns Plus Suffix
- 19 EDI Council of Australia (EDICA) Communications ID Number (COMM ID)
- AM Association Mexicana delCodigo de Producto (AMECOP) Communication ID

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

Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

Notes: *Sender ID Selected by Sender*

ISA07 I05 **Interchange ID Qualifier** M ID 2/2 Must use

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

Notes: *HauteLook's Qualifier is 'ZZ'*

CodeList Summary (Total Codes: 38, Included: 7)

Code Name

- 01 Duns (Dun & Bradstreet)
- 02 SCAC (Standard Carrier Alpha Code)
- 08 UCC EDI Communications ID (Comm ID)
- 12 Phone (Telephone Companies)
- 14 Duns Plus Suffix
- 19 EDI Council of Australia (EDICA) Communications ID Number (COMM ID)
- AM Association Mexicana delCodigo de Producto (AMECOP) Communication ID

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

Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

Notes: *HauteLook's Receiver ID is HAUTELOOK1212*

ISA09 I08 **Interchange Date** M DT 6/6 Must use

Description: Date of the interchange

Notes: *Date ISA was generated - YYMMDD*

ISA10 I09 **Interchange Time** M TM 4/4 Must use

Description: Time of the interchange

Notes: *Time ISA was generated - HHMM*

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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 CodeList Summary (Total Codes: 1, Included: 1) Code Name U U.S. EDI Community of ASC X12, TDCC, and UCS	M	ID	1/1	Must use
ISA12	I11	Interchange Control Version Number Description: Code specifying the version number of the interchange control segments Notes: <i>This version number is for the envelope only. It is not the same as the version number in GS08.</i> 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 Notes: <i>Sender assigned sequential number starting with 1 incremented by 1 for each transmission.</i>	M	N0	9/9	Must use
ISA14	I13	Acknowledgment Requested Description: Code sent by the sender to request an interchange acknowledgment (TA1) CodeList Summary (Total Codes: 2, Included: 1) Code Name 0 No Acknowledgment Requested	M	ID	1/1	Must use
ISA15	I14	Usage Indicator Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information CodeList Summary (Total Codes: 3, Included: 2) Code Name P Production Data T Test Data	M	ID	1/1	Must use
ISA16	I15	Component Element Separator Description: Type is not applicable; the	M		1/1	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>
		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				
		Notes: '>'				

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</p> <p>SH Ship Notice/Manifest (856)</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>Notes: <i>Sender ID selected by Sender</i></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>Notes: <i>HauteLook's Receiver ID is HAUTELOOK1212</i></p>						
GS04	373	Date	M	DT	8/8	Must use
<p>Description: Date expressed as CCYYMMDD</p> <p>Notes: <i>Date GS was generated - CCYYMMDD</i></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>Notes: <i>Time GS was generated - HHMM</i></p>						
GS06	28	Group Control Number	M	NO	1/9	Must use
<p>Description: Assigned number originated</p> <p>Notes: <i>Sender assigned sequential number starting with 1 incremented by 1</i></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

Description: Code uniquely identifying a Transaction Set

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

Code Name

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ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Notes: *The number is sequentially*

Notes: *The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.*

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).

BSN Beginning Segment for Ship Notice

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

User Option (Usage): Must use

Purpose: To transmit identifying numbers, dates, and other basic data relating to 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>
BSN01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
<p>Description: Code identifying purpose of transaction set</p> <p>CodeList Summary (Total Codes: 65, Included: 2)</p> <p>Code Name</p> <p>00 Original</p> <p>07 Duplicate</p>						
BSN02	396	Shipment Identification	M	AN	2/30	Used
<p>Description: A unique control number assigned by the original shipper to identify a specific shipment</p>						
BSN03	373	Date	M	DT	8/8	Must use
<p>Description: Date expressed as CCYYMMDD</p> <p>Notes: CCYYMMDD</p>						
BSN04	337	Time	M	TM	4/8	Used
<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>Notes: HHMM or HHMMSS acceptable</p>						
BSN05	1005	Hierarchical Structure Code	O	ID	4/4	Used
<p>Description: Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set</p> <p>CodeList Summary (Total Codes: 61, Included: 1)</p> <p>Code Name</p> <p>0001 Shipment, Order, Packaging, Item</p>						

Syntax Rules:

1. C0706 - If BSN07 is present, then BSN06 is required.

Semantics:

1. BSN03 is the date the shipment transaction set is created.
2. BSN04 is the time the shipment transaction set is created.
3. BSN06 is limited to shipment related codes.

Comments:

1. BSN06 and BSN07 differentiate the functionality of use for the transaction set.

Loop Hierarchical Level

Pos: 010	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

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	HL	Hierarchical Level	M	1		Must use
110	TD1	Carrier Details (Quantity and Weight)	O	20		Must use
120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		Must use
150	REF	Reference Identification	O	>1		Must use
200	DTM	Date/Time Reference	O	10		Used
220		Loop N1	O		200	Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes:

The HL segment is used to identify levels of detail information using a hierarchical structure.

HL01 shall contain a unique number for each occurrence of the HL segment within the transaction set. The value assigned to the first HL segment will be 1, and is incremented by one for each subsequent HL segment within the transaction set.

HL02 identifies the hierarchical ID of the HL segment to which it is subordinate (child of). HL02 will be omitted for the first occurrence of the HL segment in the transaction set, since it has no parent. HL03 identifies the application content of the series of segments following the current HL segment up to the next occurrence of an HL segment, or the CTT or SE segment, e.g., Shipment, Unit Load, Order, Tare, Pack and Item.

HL Hierarchical Level

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data 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>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
		<p>Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure</p> <p>Notes: <i>The value for this level (shipment) is 1.</i></p>				
HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Not used
		<p>Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to</p>				
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
		<p>Description: Code defining the characteristic of a level in a hierarchical structure</p> <p>CodeList Summary (Total Codes: 170, Included: 1)</p> <p><u>Code Name</u></p> <p>S Shipment</p>				

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes:

The HL segment is used to identify levels of detail information using a hierarchical structure.

HL01 shall contain a unique number for each occurrence of the HL segment within the transaction set. The value assigned to the first HL segment will be 1, and is incremented by one for each subsequent HL segment within the transaction set.

HL02 identifies the hierarchical ID of the HL segment to which it is subordinate (child of). HL02 will be omitted for the first occurrence of the HL segment in the transaction set, since it has no parent. HL03 identifies the application content of the series of segments following the current HL segment up to the next occurrence of an HL segment, or the CTT or SE segment, e.g., Shipment, Unit Load, Order, Tare, Pack and Item.

TD1 Carrier Details (Quantity and Weight)

Pos: 110	Max: 20
Detail - Optional	
Loop: HL	Elements: 5

User Option (Usage): Must use

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

Element Summary:

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

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

Notes: Code identifying the type of packaging;
 Part 1: Packaging Form,
 Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required.
 HauteLook is only concerned with Part 1 codes. Any legal code or spaces can be used for Part 2.

CodeList Summary (Total Codes: 148, Included: 2)

Code Name

- CTN Carton
- HRB On Hanger or Rack in Boxes

CodeList Summary (Total Codes: 55, Included: 1)

Code Name

- 25 Corrugated or Solid

TD102	80	Lading Quantity	C	N0	1/7	Must use
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Description: Number of units (pieces) of the lading commodity

Notes: The number of packages in the shipment as described in TD101

TD106	187	Weight Qualifier	O	ID	1/2	Used
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Description: Code defining the type of weight

CodeList Summary (Total Codes: 51, Included: 1)

Code Name

- G Gross Weight

TD107	81	Weight	C	R	1/10	Must use
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Description: Numeric value of weight

Notes: Total weight of shipment

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD108	355	Unit or Basis for Measurement Code	C	ID	2/2	Used

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

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

Code Name

LB Pound

Syntax Rules:

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

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 120	Max: 12
Detail - Optional	
Loop: HL	Elements: 11

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD501	133	Routing Sequence Code	O	ID	1/2	Used

Description: Code describing the relationship of a carrier to a specific shipment movement

CodeList Summary (Total Codes: 23, Included: 13)

Code Name

- 1 1st Carrier after Origin Carrier
- 2 2nd Carrier after Origin Carrier
- 3 3rd Carrier after Origin Carrier
- 4 4th Carrier after Origin Carrier
- 5 5th Carrier after Origin Carrier
- 6 6th Carrier after Origin Carrier
- 7 7th Carrier after Origin Carrier
- 8 8th Carrier after Origin Carrier
- 9 9th Carrier after Origin Carrier
- A Origin Carrier, Agent's Routing (Rail)
- B Origin/Delivery Carrier (Any Mode)
- O Origin Carrier (Air, Motor, or Ocean)
- S Origin Carrier, Shipper's Routing (Rail)

TD502	66	Identification Code Qualifier	C	ID	1/2	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: 3)

Code Name

- 2 Standard Carrier Alpha Code (SCAC)
- 91 Assigned by Seller or Seller's Agent
- 92 Assigned by Buyer or Buyer's Agent

TD503	67	Identification Code	C	AN	2/80	Must use
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Description: Code identifying a party or other code

Notes: SCAC Description

TD504	91	Transportation Method/Type Code	C	ID	1/2	Used
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Description: Code specifying the method or type of transportation for the shipment

CodeList Summary (Total Codes: 71, Included: 14)

Code Name

- A Air
- C Consolidation
- D Parcel Post
- E Expedited Truck
- H Customer Pickup
- L Contract Carrier
- M Motor (Common Carrier)
- R Rail
- S Ocean
- T Best Way (Shippers Option)
- U Private Parcel Service
- AE Air Express
- BU Bus
- CE Customer Pickup / Customer's Expense

TD505	387	Routing	C	AN	1/35	Used
Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity						

TD506	368	Shipment/Order Status Code	C	ID	2/2	Must use
Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction						

CodeList Summary (Total Codes: 102, Included: 11)

Code Name

- BK Back Ordered from Previous Order
- BP Shipment Partial, Back Order to Ship on (Date)
- CC Shipment Complete on (Date)
- CM Shipment Complete with Additional Quantity
- CP Partial Shipment on (Date), Considered No Backorder
- CS Shipment Complete with Substitution
- DE Deleted Order
- IC Item Canceled
- IS Item Represents Substitution from Original Order
- PR Partial Shipment
- SS Split Shipment

TD507	309	Location Qualifier	O	ID	1/2	Used
Description: Code identifying type of location						

CodeList Summary (Total Codes: 172, Included: 3)

Code Name

- PA Port of Arrival
- Description:** Port where shipment enters country

Code Name

PB Port of Discharge
Description: Port where shipment is unloaded

PE Port of Entry
Description: Port where customs is declared

TD508 310 **Location Identifier** C AN 1/30 Used

Description: Code which identifies a specific location

Notes: See External Code Source 54 in Section III for reference document.

VICS EDI users are to refer to U.S. Census Schedule D, U.S. Customs District/Port Codes and official code lists relevant to other countries (entry country).

TD510 732 **Transit Time Direction Qualifier** O ID 2/2 Used

Description: Code specifying the value of time used to measure the transit time

CodeList Summary (Total Codes: 10, Included: 2)

Code Name

CD Calendar Days (Includes weekends and Holidays)
 HO Hours

TD511 733 **Transit Time** C R 1/4 Used

Description: The numeric amount of transit time

Notes: Transit time is based on the ship date and time in the DTM segment.

TD512 284 **Service Level Code** C ID 2/2 Used

Description: Code indicating the level of transportation service or the billing service offered by the transportation carrier

CodeList Summary (Total Codes: 66, Included: 5)

Code Name

DS Door Service
 ND Next Day Air

Description: Delivery during business day hours of next business day

PB Priority Mail

Description: Can consist of any mail matter (including regular First-Class mail) weighing eleven ounces or less and marked Priority Mail for which the mailer chooses to pay the minimum Priority Mail rate for unguaranteed two-day service among major cities and three-day service everywhere else; First-Class mail weighing more than eleven ounces automatically becomes Priority Mail and must be marked as such

PI Priority Mail Insured

Description: Fees in addition to the Priority Mail rate for single pieces of Third- or Fourth-Class Mail or Third- or Fourth Class matter mailed at the Priority Mail rate; sealed articles must be endorsed "Third-Class Mail Enclosed" or "Fourth-Class Mail

Code Name

Enclosed" in addition to the Priority Mail endorsement

SC Second Day Air

Description: *Delivery during business day hours no later than second business day*

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. 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.

REF Reference Identification

Pos: 150	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Must use

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: 6)

Code Name

BM Bill of Lading Number

BY Repair Category Number

Description: Classification number for the type of repair performed on a product

CN Carrier's Reference Number (PRO/Invoice)

DP Department Number

IA Internal Vendor Number

MB Master Bill of Lading

REF02	127	Reference Identification	C	AN	1/30	Must use
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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.

Semantics:

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

Notes:

In some cases, individual shipments with bill of lading may be grouped under a Master Bill of Lading. Under this circumstance, specifying both the bill of lading and the associated Master Bill of Lading Number will facilitate tracking.

The Internal Vendor Number (IA) is the HauteLook Assigned Vendor ID. This information must be sent in the REF/IA.

HauteLook requires the following ASN shipment reference fields be populated per shipment (and in the case of Airborne, per package):

EDI Segment Qualifier Required Description Length TXN

*856 REF BM Required Shippers Bill of Lading Number (VICS**) 30 or Small Package Tracking ID Number*

856 REF CN Required Carrier Pro Number/Airway Bill No. 30 (Heavyweight Air)

856 TD5 2 Required Standard Carrier Alpha Code (SCAC) 4

856 REF MB Required Master Bill of Lading (VICS) 30

***Please refer to www.vics.org for complete VICS BOL Guidelines, including definition of Master Bill of Lading and*

how to generate unique Shippers Bill of Lading and Master Bill of Lading Numbers.

***** Important Rules: *****

Mandatory Fields: HauteLook must have the BM, MB and PO fields populated with unique and accurate data. If the SCAC and CN fields (see next section, CN Pro Numbers) are not possible to populate with accurate data, please take immediate action to get this information, as HauteLook will issue chargebacks in the future for quality of the data.

CN Pro Numbers: Carrier Pro Number or Airway Bill No. (Heavyweight Air) or Small Package Tracking ID number or Pickup Request Number {can be used when a consolidator (Norcon, Gilbert East, or CTE) is your pickup carrier}. The CN Pro Number type choice is driven by the shipping scenario for your shipment. See Shipping Scenario's # 2 and #3.

Your EDI 856 transmission should only be transmitted AFTER you have shipped your shipment or after the pickup carrier has signed for your shipment. Therefore, you should always have the Pickup Carrier's SCAC and Carrier Pro Bill Number or Small Package Tracking ID Number.

A SCAC code list for HauteLook authorized pickup carriers can be found in HauteLook Compliance Manual.

Bill of Lading Numbers:

If individual shipments are grouped (aggregated shipments) together under a Master Bill of Lading, as the Gilbert East and Norcon consolidations require; then under this circumstance, populate both the individual shippers' Bill of Lading and the associated Master Bill of Lading. If only one of the Bill of Lading numbers is available, populate this same number in both fields. This step will facilitate tracking. For Example:

REF01 = BM and REF02 = Bill of Lading
REF01 = MB and REF02 = Master Bill of Lading

If only an individual Bill of Lading is used, populate both the Master Bill of Lading and the individual shippers Bill of Lading fields with the individual shippers Bill of Lading number.

For Example:

REF01 = BM and REF02 = Bill of Lading
REF01 = MB and REF02 = Bill of Lading

If an individual shippers Bill of Lading is not used, populate the Pickup Carrier's Pro number/ Airway Bill Number or if the shipment is a Small Package shipment, the Package Tracking ID number, in both the Master Bill of Lading (MB) and individual shippers Bill of Lading (BM) fields and CN field.

For Example:

REF01 = BM and REF02 = Carrier Pro Number or Small Package Carrier package tracking number
REF01 = MB and REF02 = Carrier Pro Number or Small Package Carrier package tracking number
REF01 = CN and REF02 = Carrier Pro Number or Small Package Carrier package tracking number

Scenario 1: Shipment from vendor warehouse direct to HauteLook DC, via LTL CARRIER: Vendor must provide the:

- Individual shippers Bill of Lading (REF01 = BM and REF02= Bill of Lading)
- Pickup Carrier's Name (SCAC) (TD502= 2 and TD503 = SCAC)
- Carrier Pro Number (REF01 = CN and REF02= Carrier Pro Number).

Scenario 2: Shipment from vendor warehouse to HauteLook CONSOLIDATOR, single shipment. Vendor must provide the:

- Individual shippers Bill of Lading (REF01 = BM and REF02= Bill of Lading)
- Pickup Carrier's Name (SCAC) (TD502= 2 and TD503 = SCAC)
- Carrier Pro Number (REF01 = CN and REF02= Carrier Pro Number)

(In this scenario the Carrier Pro Number represents the number assigned by the carrier that transports the freight from the vendor warehouse to the consolidator). If a House Carrier or Prepaid Carrier is used to transport the freight to the consolidator, the Bill of Lading, Carrier Pro Number and SCAC fields still must be populated.

The Pickup Request Number – can be used in the CN Pro Number field when a consolidator (Norcon, Gilbert East or CTE) is your pick up carrier.

Scenario 3: Aggregated shipment from vendor warehouse to HauteLook CONSOLIDATOR, using master bill of lading with underlying DC specific sub-bills of lading. Vendor must provide the:

- Master Bill of Lading (REF01 = MB and REF02 = Master Bill of Lading)
- Individual shippers Bill of Lading (sub BOL per DC) (REF01 = BM and REF02= Bill of Lading)
- Pickup Carrier's Name (SCAC) (TD502= 2 and TD503 = SCAC)
- Pickup Carrier's Pro Number (REF01 = CN and REF02= Carrier Pro Number)

(In this scenario the Carrier Pro Number represents the single pro number assigned by the pickup carrier for the Master Bill of Lading to transport the freight from the vendor warehouse to the consolidator). If a House Carrier or Prepaid Carrier is used to transport the freight to the consolidator, the Master Bill of Lading, Bill of Lading, Carrier Pro Number and SCAC fields still must be populated.

The Pickup Request Number – can be used in the CN Pro Number field when a consolidator (Norcon, Gilbert East or CTE) is your pick up carrier.

Scenario 4: Shipment from vendor warehouse direct to HauteLook DC, via Small Package Carrier. Vendor must provide one ASN per package. Vendor must provide the:

- Small Package Carrier's package tracking ID number (REF01 = BM, MB, CN and REF02= Small Package Carrier package tracking number)
- Small Package Carrier's Name (SCAC) (TD502= 2 and TD503 = SCAC)

Scenario 5: Shipment from vendor warehouse direct to HauteLook DC, via HEAVYWEIGHT AIR CARRIER. Vendor must provide the:

- Pickup Carrier's Name (SCAC) (TD502= 2 and TD503 = SCAC) •Airway Bill Number (REF01 = CN and REF02= Airway Bill Number)
- Individual shippers Bill of Lading (REF01 = BM and REF02= Bill of Lading).

Master pack ASN requirements-

In the event that small individual store cartons for multiple stores (going to the same DC) are combined for one purchase order into a master pack. HauteLook maintains two master pack ASN requirements depending on the mode of transportation used:

*The ASN requirement for shipping consolidated master-packed cases is that there is one ASN transmitted where the REF*BM segment reflects the unique sub-bill of lading number, the N1*ST segment reflects the correct ship-to location (distribution center), the N1*BY segment indicates the appropriate store destination and the MAN segments reflect the correct GS1-128 case IDs for all the cases within each master case. The outer (master) carton must be clearly identified as a master pack by writing or labeling the word "master pack" on the outside of the case.*

*The ASN requirement for shipping UPS master-packed cases is that there is one ASN per master case and that the REF*BM segment (sub-bill of lading) reflects UPS's tracking number and there must be a GS1-128 label affixed to each inner carton that is accounted for in the MAN segments of the ASN. (e.g. If shipping 2 cases containing 5 boxes each to DC 299 then two ASNs must be transmitted – 1 ASN for each master case.) The outer (master) carton must be clearly identified as a master pack by writing or labeling the word "master pack" on the outside of the case.*

ASNs for "No Charge"

Merchandise Shipments containing "no charge" merchandise (i.e. testers, samples) must be packed in separate case(s) from the retail merchandise and clearly marked as "no charge". Separate inner carton (s) of "no charge" merchandise (i.e. testers, samples) may be packed within large case (s) of retail merchandise but must be clearly marked as "no charge" and maintain separation from retail merchandise. ASNs are not required for "no charge" merchandise shipped in this manner.

"No charge" merchandise shipped in any other manner, including loose within case(s) containing retail merchandise must have valid UPCs with the HauteLook Inventory system and accurately represented within the ASN for that shipment. Expense offset chargebacks will be accessed for inaccurate ASNs containing "no charge" merchandise that do not meet these requirements.

DTM Date/Time Reference

Pos: 200	Max: 10
Detail - Optional	
Loop: HL	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	Must use

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

CodeList Summary (Total Codes: 1112, Included: 1)

Code Name

011 Shipped

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

Notes: 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)

Notes: HHMM or HHMMSS acceptable

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.

Loop Name

Pos: 220	Repeat: 200
Optiona	
Loop: N1	Elements: N/A

User Option (Usage): Must use

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>
220	N1	Name	O	1		Must use
240	N3	Address Information	O	2		Used
250	N4	Geographic Location	O	1		Used

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.

N1 Name

Pos: 220	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

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: 2)

Code Name

- SF Ship From
- ST Ship To

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

- Notes:** Element is used to provide Consolidator SCAC in the CS (Consolidator) loop – 4/4 AN.
- Element is used to provide Brand Partner Name in the SF (Ship From) loop – 1/35 AN.
- Element is not used in the ST (Ship To) loop

N103	66	Identification Code Qualifier	C	ID	1/2	Used
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Description: Code designating the system/method of code structure used for Identification Code (67)

Notes: Element not used for the CS (Consolidator) loop.

CodeList Summary (Total Codes: 215, Included: 7)

Code Name

- 1 D-U-N-S Number, Dun & Bradstreet
- 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix
- 91 Assigned by Seller or Seller's Agent
- 92 Assigned by Buyer or Buyer's Agent
- 93 Code assigned by the organization originating the transaction set
- 94 Code assigned by the organization that is the ultimate destination of the transaction set
- UL UCC/EAN Location Code

Description: A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system

N104	67	Identification Code	C	AN	2/80	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>
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Description: Code identifying a party or other code

Notes: *Element is not used for the CS (Consolidator) loop.*

Element is used to provide the HauteLook assigned Brand Partner or AP assigned Vendor ID in the SF (Ship From) loop.

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).

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:

*HauteLook requires at least 1 occurrence of the N1*SF and N1*ST segments. HauteLook requires the CS (Consolidator) loop in the event that goods are shipped to a consolidator.*

N3 Address Information

Pos: 240	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

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

Notes:

Notes:

The N3 loop may be repeated once in the event of a third address line. If sent, the N3 and N4 segments should only be included in conjunction with the Ship From (SF) loop.

N4 Geographic Location

Pos: 250	Max: 1
Detail - Optional	
Loop: N1	Elements: 3

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)				

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.

Notes:

The N3 and N4 segments should only be included in conjunction with the Ship From (SF) loop.

Loop Hierarchical Level

Pos: 010	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

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	HL	Hierarchical Level	M	1		Must use
050	PRF	Purchase Order Reference	O	1		Must use
110	TD1	Carrier Details (Quantity and Weight)	O	20		Used
150	REF	Reference Identification	O	>1		Used
220		Loop N1	O		200	Used

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes:

The HL segment is used to identify levels of detail information using a hierarchical structure.

HL01 shall contain a unique number for each occurrence of the HL segment within the transaction set. The value assigned to the first HL segment will be 1, and is incremented by one for each subsequent HL segment within the transaction set.

HL02 identifies the hierarchical ID of the HL segment to which it is subordinate (child of). HL02 will be omitted for the first occurrence of the HL segment in the transaction set, since it has no parent. HL03 identifies the application content of the series of segments following the current HL segment up to the next occurrence of an HL segment, or the CTT or SE segment, e.g., Shipment, Unit Load, Order, Tare, Pack and Item.

HL Hierarchical Level

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data 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>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Must use
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 170, Included: 1)				
		Code Name				
		O	Order			

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes:

The HL segment is used to identify levels of detail information using a hierarchical structure.

HL01 shall contain a unique number for each occurrence of the HL segment within the transaction set. The value assigned to the first HL segment will be 1, and is incremented by one for each subsequent HL segment within the transaction set.

HL02 identifies the hierarchical ID of the HL segment to which it is subordinate (child of). HL02 will be omitted for the first occurrence of the HL segment in the transaction set, since it has no parent. HL03 identifies the application content of the series of segments following the current HL segment up to the next occurrence of an HL

segment, or the CTT or SE segment, e.g., Shipment, Unit Load, Order, Tare, Pack and Item.

PRF Purchase Order Reference

Pos: 050	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Must use

Purpose: To provide reference to a specific purchase order

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>
PRF01	324	Purchase Order Number	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser Notes: <i>HauteLook Purchase Order Number</i>				
PRF04	373	Date	O	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD Notes: <i>HauteLook purchase order date (CCYYMMDD)</i>				

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

TD1 Carrier Details (Quantity and Weight)

Pos: 110	Max: 20
Detail - Optional	
Loop: HL	Elements: 5

User Option (Usage): Used

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

Element Summary:

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

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

Notes: Code identifying the type of packaging;
 Part 1: Packaging Form,
 Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required.
 HauteLook is only concerned with Part 1 codes. Any legal code or spaces can be used for Part 2.

CodeList Summary (Total Codes: 148, Included: 2)

Code Name

- CTN Carton
- HRB On Hanger or Rack in Boxes

CodeList Summary (Total Codes: 55, Included: 1)

Code Name

- 25 Corrugated or Solid

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

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

Notes: Total cartons per store.

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

Description: Code defining the type of weight

CodeList Summary (Total Codes: 51, Included: 1)

Code Name

- G Gross Weight

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

Description: Numeric value of weight

Notes: Total weight per store.

TD108	355	Unit or Basis for Measurement Code	C	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 specifying the units in which a value is being expressed, or manner in which a measurement has been taken

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

<u>Code</u>	<u>Name</u>
-------------	-------------

LB	Pound
----	-------

Syntax Rules:

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

REF Reference Identification

Pos: 150	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

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

Description: Code qualifying the Reference Identification

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

Code Name

DP Department Number

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.

Semantics:

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

Loop Name

Pos: 220	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>
220	N1	Name	O	1		Used

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.

N1 Name

Pos: 220	Max: 1
Detail - Optional	
Loop: N1	Elements: 3

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

BY Buying Party (Purchaser)

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

Notes: *This is the mark-for location.*

Notes: *This is the mark-for location.*

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.

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.

Loop Hierarchical Level

Pos: 010	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

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	HL	Hierarchical Level	M	1		Must use
190	MAN	Marks and Numbers	O	>1		Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes:

The HL segment is used to identify levels of detail information using a hierarchical structure.

HL01 shall contain a unique number for each occurrence of the HL segment within the transaction set. The value assigned to the first HL segment will be 1, and is incremented by one for each subsequent HL segment within the transaction set.

HL02 identifies the hierarchical ID of the HL segment to which it is subordinate (child of). HL02 will be omitted for the first occurrence of the HL segment in the transaction set, since it has no parent. HL03 identifies the application content of the series of segments following the current HL segment up to the next occurrence of an HL segment, or the CTT or SE segment, e.g., Shipment, Unit Load, Order, Tare, Pack and Item.

HL Hierarchical Level

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data 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>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure						
HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Must use
Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to						
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
Description: Code defining the characteristic of a level in a hierarchical structure						
CodeList Summary (Total Codes: 170, Included: 1)						
Code Name						
P Pack						

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes:

The HL segment is used to identify levels of detail information using a hierarchical structure.

HL01 shall contain a unique number for each occurrence of the HL segment within the transaction set. The value assigned to the first HL segment will be 1, and is incremented by one for each subsequent HL segment within the transaction set.

HL02 identifies the hierarchical ID of the HL segment to which it is subordinate (child of). HL02 will be omitted for the first occurrence of the HL segment in the transaction set, since it has no parent. HL03 identifies the application content of the series of segments following the current HL segment up to the next occurrence of an HL

segment, or the CTT or SE segment, e.g., Shipment, Unit Load, Order, Tare, Pack and Item.

MAN Marks and Numbers

Pos: 190	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Must use

Purpose: To indicate identifying marks and numbers for shipping containers

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>
MAN01	88	Marks and Numbers Qualifier	M	ID	1/2	Used
<p>Description: Code specifying the application or source of Marks and Numbers (87)</p> <p>CodeList Summary (Total Codes: 20, Included: 1)</p> <p>Code Name</p> <p>GM SSCC-18 and Application Identifier</p>						
MAN02	87	Marks and Numbers	M	AN	1/48	Must use
<p>Description: Marks and numbers used to identify a shipment or parts of a shipment</p>						

Syntax Rules:

1. P0405 - If either MAN04 or MAN05 is present, then the other is required.
2. C0605 - If MAN06 is present, then MAN05 is required.

Semantics:

1. MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
2. When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
3. When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

Comments:

1. When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
2. MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers.
3. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

Notes:

*If the MAN segment is present, the LIN segment is required.
If the LIN segment is present, the SN1 segment is required.*

Loop Hierarchical Level

Pos: 010	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

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	HL	Hierarchical Level	M	1		Must use
020	LIN	Item Identification	O	1		Must use
030	SN1	Item Detail (Shipment)	O	1		Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes:

The HL segment is used to identify levels of detail information using a hierarchical structure.

HL01 shall contain a unique number for each occurrence of the HL segment within the transaction set. The value assigned to the first HL segment will be 1, and is incremented by one for each subsequent HL segment within the transaction set.

HL02 identifies the hierarchical ID of the HL segment to which it is subordinate (child of). HL02 will be omitted for the first occurrence of the HL segment in the transaction set, since it has no parent. HL03 identifies the application content of the series of segments following the current HL segment up to the next occurrence of an HL segment, or the CTT or SE segment, e.g., Shipment, Unit Load, Order, Tare, Pack and Item.

HL Hierarchical Level

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data 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>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Must use
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 170, Included: 1)				
		Code Name				
		I		Item		

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes:

The HL segment is used to identify levels of detail information using a hierarchical structure.

HL01 shall contain a unique number for each occurrence of the HL segment within the transaction set. The value assigned to the first HL segment will be 1, and is incremented by one for each subsequent HL segment within the transaction set.

HL02 identifies the hierarchical ID of the HL segment to which it is subordinate (child of). HL02 will be omitted for the first occurrence of the HL segment in the transaction set, since it has no parent. HL03 identifies the application content of the series of segments following the current HL segment up to the next occurrence of an HL

segment, or the CTT or SE segment, e.g., Shipment, Unit Load, Order, Tare, Pack and Item.

LIN Item Identification

Pos: 020	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To specify basic item identification 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>
LIN01	350	Assigned Identification	O	AN	1/20	Not used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
LIN02	235	Product/Service ID Qualifier	M	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				
		EN European Article Number (EAN) (2-5-5-1)				
		UP U.P.C. Consumer Package Code (1-5-5-1)				
LIN03	234	Product/Service ID	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
		Notes: 12 digit UPC or 13 digit EAN				

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes:

If the MAN segment is present, the LIN segment is required.

If the LIN segment is present, the SN1 segment is required.

SN1 Item Detail (Shipment)

Pos: 030	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To specify line-item detail relative 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>
SN101	350	Assigned Identification	O	AN	1/20	Not used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
SN102	382	Number of Units Shipped	M	R	1/10	Must use
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
		Notes: A numerical value greater than 0 is required. Do not send 0 or negative quantities.				
SN103	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				

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

<u>Code Name</u>
EA Each

Syntax Rules:

1. P0506 - If either SN105 or SN106 is present, then the other is required.

Semantics:

1. SN101 is the ship notice line-item identification.

Comments:

1. SN103 defines the unit of measurement for both SN102 and SN104.

Notes:

This segment is used to specify the quantities associated with the item identified in the LIN at the item level.

If the MAN segment is present, the LIN segment is required.

If the LIN segment is present, the SN1 segment is required.

Case Pack UPC's – Please note that if HauteLook sends your company a case pack UPC (unit of measure of 'CA' in PO103), we require the 856 back at the individual component level (an individual UPC for each item).

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	M	N0	1/6	Must use

Description: Total number of line items in the transaction set

Notes: *The number of HL 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: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	NO	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		Notes: <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
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	Group Control Number	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

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

Comments:

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

IEA Interchange Control Trailer

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

User Option (Usage): Must use

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

Element Summary:

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

Note:

Example

ISA*00* *00* *12*9999999999 *ZZ*HAUTELOOK1212 *171205*1125*U*00401*000744856*0*P*>~
 GS*SH*9999999999*HAUTELOOK1212*20171205*1125*744856*X*004010VICS~
 ST*856*0001~
 BSN*00*HAUTE00005*20171205*1122*0001~
 HL*1**S~
 TD1*CTN25*4****G*200*LB~
 TD5*B*2*UPSN~
 REF*BM*08464810000076987~
 REF*MB*08464810000076987~
 DTM*011*20171205~
 N1*SF*APPLES*92*0000999999~
 N3*1234 MAIN ST~
 N4*SEATTLE*WA*98111~
 N1*ST**92*0562~
 HL*2*1*O~
 PRF*0009594~
 TD1*CTN25*4****G*1*LB~
 REF*DP*0109~
 N1*BY**92*0881~
 HL*3*2*P~
 MAN*GM*00008464810010138019~
 HL*4*3*I~
 LIN**UP*799999999999~
 SN1**150*EA~
 HL*5*2*P~
 MAN*GM*00008464810010138026~
 HL*6*5*I~
 LIN**UP*799999999991~
 SN1**165*EA~
 HL*7*2*P~
 MAN*GM*00008464810010138033~
 HL*8*7*I~
 LIN**UP*799999999992~
 SN1**180*EA~
 HL*9*2*P~
 MAN*GM*00008464810010138040~
 HL*10*9*I~
 LIN**UP*799999999992~
 SN1**195*EA~
 CTT*10~
 SE*39*0001~
 GE*1*744856~
 IEA*1*000744856~