856 Delhaize America Ship Notice/Manifest version 5010

Functional Group ID=SH

Introduction:

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.

Notes:

The company will use the following delimiters for all EDI transactions, unless otherwise noted:
Segment - Hex value A1 (tilde ~)   Element - Asterisk   Subelement - Colon

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0050	ISA	Interchange Control Header	M	1		
M	0075	GS	Functional Group Header	M	1		
M	0100	ST	Transaction Set Header	M	1		
M	0200	BSN	Beginning Segment for Ship Notice	M	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			200000	
M	0100	HL	Hierarchical Level - Shipment	M	1		c1
Must Use	0600	PO4	Item Physical Details	O	1		
Must Use	1100	TD1	Carrier Details (Quantity and Weight)	O	20		
Must Use	1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
			LOOP ID - TD3			12	
	1300	TD3	Carrier Details (Equipment)	O	1		
Must Use	1500	REF	Reference Information	O	>1		
Must Use	2000	DTM	Date/Time Reference	O	10		
			LOOP ID - N1			200	
Must Use	2200	N1	Ship-From location	O	1		
	2300	N2	Additional Name Information	O	2		
	2400	N3	Party Location	O	2		
	2500	N4	Geographic Location	O	1		
			LOOP ID - N1			1	
Must Use	2850	N1	Ship-To location	O	1		
	2875	N2	Additional Name Information	O	1		
	2888	N3	Party Location	O	1		

	2894	N4	Geographic Location	O	1	
			LOOP ID - HL		**1**	
M	3910	HL	Hierarchical Level - Order	M	1	
	3917	PRF	Purchase Order Reference	O	1	
			LOOP ID - N1		**1**	
	3921	N1	Cross Dock Store Number	O	1	
			LOOP ID - HL		**1**	
M	3910	HL	Hierarchical Level - Tare	M	1	
	3915	MAN	Marks and Numbers Information	O	1	
	3918	PAL	Pallet Type and Load Characteristics	O	1	
			LOOP ID - HL		**1**	
M	3920	HL	Hierarchical Level - Pack	M	1	
	3925	LIN	Item Identification	O	1	
	3928	SN1	Item Detail (Shipment)	O	1	
	3929	PO4	Item Physical Details	O	1	
	3930	MAN	Marks and Numbers Information	O	1	
	3930	DTM	Date/Time Reference	O	1	
			LOOP ID - HL		**1**	
M	3930	HL	Hierarchical Level - Item	M	1	
	3940	LIN	Item Identification	O	1	
	3950	SN1	Item Detail (Shipment)	O	1	
Must Use	3960	PO4	Item Physical Details	O	1	
	3970	PID	Product/Item Description	O	1	

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	0100	CTT	Transaction Totals	O	1		n1
M	0200	SE	Transaction Set Trailer	M	1		
M	0300	GE	Functional Group Trailer	M	1		
M	0400	IEA	Interchange Control Trailer	M	1		

Transaction Set Notes

1. 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.

Transaction Set Comments

1. The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

	Segment:	**ISA** Interchange Control Header				

Segment: **ISA** Interchange Control Header
Position: 0050
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	ISA01	I01	**Authorization Information Qualifier**	**M**	**1**	**ID 2/2**
			00 No Authorization Information Present (No Meaningful Information in I02)			
M	ISA03	I03	**Security Information Qualifier**	**M**	**1**	**ID 2/2**
			00 No Security Information Present (No Meaningful Information in I04)			
M	ISA05	I05	**Interchange ID Qualifier**	**M**	**1**	**ID 2/2**
			Appropriate Qualifier for Trading Partner			
M	ISA06	I06	**Interchange Sender ID**	**M**	**1**	**AN 15/15**
			Appropriate ID for Trading Partner			
M	ISA07	I05	**Interchange ID Qualifier**	**M**	**1**	**ID 2/2**
			07 Global Location Number (GLN)			
			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			
M	ISA08	I07	**Interchange Receiver ID**	**M**	**1**	**AN 15/15**
			5400110000009			
M	ISA09	I08	**Interchange Date**	**M**	**1**	**DT 6/6**
M	ISA10	I09	**Interchange Time**	**M**	**1**	**TM 4/4**
M	ISA11	I65	**Repetition Separator**	**M**	**1**	**AN 1/1**
M	ISA12	I11	**Interchange Control Version Number**	**M**	**1**	**ID 5/5**
			00501 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003			
M	ISA13	I12	**Interchange Control Number**	**M**	**1**	**N0 9/9**
M	ISA14	I13	**Acknowledgment Requested**	**M**	**1**	**ID 1/1**
			0 No Acknowledgment Requested			
M	ISA15	I14	**Usage Indicator**	**M**	**1**	**ID 1/1**
			P Production Data			
M	ISA16	I15	**Component Element Separator**	**M**	**1**	**AN 1/1**
			: - Colon			

Segment: **GS** Functional Group Header
Position: 0075
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information
Syntax Notes:
Semantic Notes: **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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
M	GS01	479	**Functional Identifier Code**	M	1	ID 2/2	
			SH Ship Notice/Manifest (856)				
M	GS02	142	**Application Sender's Code**	M	1	AN 2/15	
			Appropriate Code for Trading Partner				
M	GS03	124	**Application Receiver's Code**	M	1	AN 2/15	
			540011000				
M	GS04	373	**Date**	M	1	DT 8/8	
M	GS05	337	**Time**	M	1	TM 4/8	
M	GS06	28	**Group Control Number**	M	1	N0 1/9	
M	GS07	455	**Responsible Agency Code**	M	1	ID 1/2	
			X Accredited Standards Committee X12				
M	GS08	480	**Version / Release / Industry Identifier Code**	M	1	AN 1/12	
			005010 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003				

Segment:	**ST** Transaction Set Header
Position:	0100
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	**1** The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
	2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
M	ST01	143	**Transaction Set Identifier Code**	M	1	ID 3/3	
			856 Ship Notice/Manifest				
M	ST02	329	**Transaction Set Control Number**	M	1	AN 4/9	

Segment:	**BSN** Beginning Segment for Ship Notice
Position:	0200
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1

Purpose:	To transmit identifying numbers, dates, and other basic data relating to the transaction set				
Syntax Notes:	**1**	If BSN07 is present, then BSN06 is required.			
Semantic Notes:	**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.			

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
M	BSN01	353	**Transaction Set Purpose Code**		M	1	ID 2/2
			00	Original			
M	BSN02	396	**Shipment Identification**		M	1	AN 2/30
M	BSN03	373	**Date**		M	1	DT 8/8
M	BSN04	337	**Time**		M	1	TM 4/8
Must Use	BSN05	1005	**Hierarchical Structure Code**		O	1	ID 4/4
			0001	Shipment, Order, Packaging, Item			

Segment:	**HL** Hierarchical Level - Shipment	
Position:	0100	
Loop:	HL	Mandatory
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments	
Syntax Notes:		
Semantic Notes:		
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. The HL segment defines a top-down/left-right ordered structure.
	2	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.
	3	HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
	4	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.
	5	HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.
Business Rules:	Variable Name: HL	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
M	HL01	628	**Hierarchical ID Number**		M	1	AN 1/12
			1 - first HL				
M	HL03	735	**Hierarchical Level Code**		M	1	ID 1/2
			S	Shipment			

Segment:	**PO4** Item Physical Details	

Position:	0600				
Loop:	HL	Mandatory			
Level:	Detail				
Usage:	Optional (Must Use)				
Max Use:	1				
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item				

Syntax Notes:	1	If either PO402 or PO403 is present, then the other is required.
	2	If PO405 is present, then PO406 is required.
	3	If either PO406 or PO407 is present, then the other is required.
	4	If either PO408 or PO409 is present, then the other is required.
	5	If PO410 is present, then PO413 is required.
	6	If PO411 is present, then PO413 is required.
	7	If PO412 is present, then PO413 is required.
	8	If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
	9	If PO417 is present, then PO416 is required.
	10	If PO418 is present, then PO404 is required.
Semantic Notes:	1	PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
	2	PO416 is the package identifier or the beginning package identifier in a range of identifiers.
	3	PO417 is the ending package identifier in a range of identifiers.
	4	PO418 is the number of packages in this layer.
Comments:	1	PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
	2	PO413 defines the unit of measure for PO410, PO411, and PO412.
Notes:		This segment required by Hannaford - May be needed in future

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	PO408	385	**Gross Volume per Pack**	X	1	R 1/9
			Shipment Gross Volume			
Must Use	PO409	355	**Unit or Basis for Measurement Code**	X	1	ID 2/2
			15	Stick		
			1N	Count		
			2W	Bin		
				Storage container used as a unit of measurement		
			58	Net Kilograms		
			AF	Centigram		
				A unit of metric weight equal to 0.01 gram or 0.000035 ounce		
			AS	Assortment		
			BA	Bale		
			BG	Bag		
			BI	Bar		
				A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter		
			BL	Block		
			BN	Bulk		
			BO	Bottle		
			BR	Barrel		
			BU	Bushel		
				32 dry quarts		

BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius
CF	Cubic Feet
CI	Cubic Inches
CM	Centimeter
CN	Can
CO	Cubic Meters (Net)
CQ	Cartridge
CR	Cubic Meter
CT	Carton
CU	Cup
CV	Cover
CW	Hundred Pounds (CWT)
DA	Days
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DS	Display
DZ	Dozen
EA	Each
EV	Envelope
FA	Fahrenheit
FJ	Sizing Factor
FO	Fluid Ounce
FT	Foot
GA	Gallon
GH	Half Gallon
GR	Gram
GT	Gross Kilogram
	Represents kilograms of product and package or container
HC	Hundred Count
HD	Half Dozen
IN	Inch
JR	Jar
KE	Keg
	A unit of weight equal to 100 pounds, used for nails
KG	Kilogram
KT	Kit
LB	Pound
LF	Linear Foot
LK	Link
LM	Linear Meter
LR	Layer(s)
LT	Liter
ML	Milliliter
MM	Millimeter
MR	Meter

MX	Mixed
NT	Trailer
OZ	Ounce - Av
P1	Percent
PA	Pail
PC	Piece
PE	Pounds Equivalent
PG	Pounds Gross
PK	Package
PL	Pallet/Unit Load
PN	Pounds Net
PR	Pair
PT	Pint
PV	Half Pint
PY	Peck, Dry U.S.
QS	Quart, Dry U.S.
QT	Quart
SF	Square Foot
SH	Sheet
SM	Square Meter
SX	Shipment
TE	Tote
TH	Thousand
TK	Tank
UN	Unit
UY	Fifty Square Feet
UZ	Fifty Count
V2	Pouch
WT	Special Code Added by Hannaford Bros
YD	Yard

Segment:	**TD1** Carrier Details (Quantity and Weight)
Position:	1100
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	20
Purpose:	To specify the transportation details relative to commodity, weight, and quantity
Syntax Notes:	1 If TD101 is present, then TD102 is required.
	2 If TD103 is present, then TD104 is required.
	3 If TD106 is present, then TD107 is required.
	4 If either TD107 or TD108 is present, then the other is required.
	5 If either TD109 or TD110 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	This segment required by Hannaford - May be needed in future

Data Element Summary

	Ref. Des.	Data Element	Name			Attributes	
Must Use	TD101	103	**Packaging Code**		O	1	AN 3/5
			CAS	Case			
			CTN	Carton			

			CTN25	Carton - Plastic or Solid		
			CTN31	Carton - Fibre		
			CTN79	Carton - Plastic		
			CTN94	Carton - Wood		
			PLT	Pallet		
			PLT25	Pallet - Plastic or Solid		
			PLT31	Pallet - Fibre		
			PLT79	Pallet - Plastic		
			PLT94	Pallet - Wood		
			SLP	Slip Sheet		

Shipping containers utilizing slip sheets, which are cardboard platforms used to hold product for storage or transportation

			SLP25	Slip Sheet - Plastic or Solid		
			SLP31	Slip Sheet - Fibre		
			SLP79	Slip Sheet - Plastic		
			SLP94	Slip Sheet - Wood		
			SRW	Shrink Wrap		

In packaging, a method of securing a unit load by placing a large "bag" of plastic film over the components and applying heat to induce shrinkage and cause the bag to tighten around the contents

Must Use	**TD102**	**80**	**Lading Quantity**		**X**	**1 N0 1/7**
Must Use	**TD106**	**187**	**Weight Qualifier**		**O**	**1 ID 1/2**
			G	Gross Weight		
Must Use	**TD107**	**81**	**Weight**		**X**	**1 R 1/10**
Must Use	**TD108**	**355**	**Unit or Basis for Measurement Code**		**X**	**1 ID 2/2**
			15	Stick		
			1N	Count		
			2W	Bin		

Storage container used as a unit of measurement

			58	Net Kilograms		
			AF	Centigram		

A unit of metric weight equal to 0.01 gram or 0.000035 ounce

			AS	Assortment		
			BA	Bale		
			BG	Bag		
			BI	Bar		

A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter

			BL	Block		
			BN	Bulk		
			BO	Bottle		
			BR	Barrel		
			BU	Bushel		

32 dry quarts

			BX	Box		
			C3	Centiliter		
			CA	Case		
			CC	Cubic Centimeter		
			CE	Centigrade, Celsius		
			CF	Cubic Feet		

CI	Cubic Inches	
CM	Centimeter	
CN	Can	
CO	Cubic Meters (Net)	
CQ	Cartridge	
CR	Cubic Meter	
CT	Carton	
CU	Cup	
CV	Cover	
CW	Hundred Pounds (CWT)	
DA	Days	
DG	Decigram	
DL	Deciliter	
DM	Decimeter	
DO	Dollars, U.S.	
DS	Display	
DZ	Dozen	
EA	Each	
EV	Envelope	
FA	Fahrenheit	
FJ	Sizing Factor	
FO	Fluid Ounce	
FT	Foot	
GA	Gallon	
GH	Half Gallon	
GR	Gram	
GT	Gross Kilogram	
	Represents kilograms of product and package or container	
HC	Hundred Count	
HD	Half Dozen	
IN	Inch	
JR	Jar	
KE	Keg	
	A unit of weight equal to 100 pounds, used for nails	
KG	Kilogram	
KT	Kit	
LB	Pound	
LF	Linear Foot	
LK	Link	
LM	Linear Meter	
LR	Layer(s)	
LT	Liter	
ML	Milliliter	
MM	Millimeter	
MR	Meter	
MX	Mixed	
NT	Trailer	
OZ	Ounce - Av	
P1	Percent	
PA	Pail	
PC	Piece	

PE	Pounds Equivalent
PG	Pounds Gross
PK	Package
PL	Pallet/Unit Load
PN	Pounds Net
PR	Pair
PT	Pint
PV	Half Pint
PY	Peck, Dry U.S.
QS	Quart, Dry U.S.
QT	Quart
SF	Square Foot
SH	Sheet
SM	Square Meter
SX	Shipment
TE	Tote
TH	Thousand
TK	Tank
UN	Unit
UY	Fifty Square Feet
UZ	Fifty Count
V2	Pouch
WT	Special Code Added by Hannaford Bros
YD	Yard

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)	
Position:	1200	
Loop:	HL	Mandatory
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	12	
Purpose:	To specify the carrier and sequence of routing and provide transit time information	
Syntax Notes:	1	At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	2	If TD502 is present, then TD503 is required.
	3	If TD507 is present, then TD508 is required.
	4	If TD510 is present, then TD511 is required.
	5	If TD513 is present, then TD512 is required.
	6	If TD514 is present, then TD513 is required.
	7	If TD515 is present, then TD512 is required.
Semantic Notes:	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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	TD501	133	**Routing Sequence Code**	O	1	ID 1/2
			All codes in the EDI Standard for Data Element 133 accepted			
			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)			
			D	DELY (Delivery Switch Carrier)			
			H	Haulage Rights Carrier and Junction			
			I	Origin Switch Carrier			
			JD	Junction Settlement Carrier Following (Destination carrier receiving revenues resulting from junction contract)			
			JO	Junction Settlement Carrier Predecessor (Origin carrier receiving revenues resulting from junction contract)			
			M	Haulage Movement Carrier and Junction			
			O	Origin Carrier (Air, Motor, or Ocean)			
			R	Origin Carrier, Rule 11 Shipment			
			S	Origin Carrier, Shipper's Routing (Rail)			
			V	Intermediate Switch Carrier			
			X	Last Carrier in Route on Return Route Move			
			Z	Mutually Defined			
Must Use	TD502	66	**Identification Code Qualifier**		X	1	ID 1/2
			1	D-U-N-S Number, Dun & Bradstreet			
			2	Standard Carrier Alpha Code (SCAC)			
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
			10	Department of Defense Activity Address Code (DODAAC)			
			11	Drug Enforcement Administration (DEA)			
			12	Telephone Number (Phone)			
			14	UCC/EAN Location Code Prefix			
			21	Health Industry Number (HIN)			
			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			
			EI	Employee Identification Number			
			FA	Facility Identification			
			UL	Global Location Number (GLN)			
				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			
			ZZ	Mutually Defined			
Must Use	TD503	67	**Identification Code**		X	1	AN 2/80
Must Use	TD504	91	**Transportation Method/Type Code**		X	1	ID 1/2
			7	Mail			
				Type of transportation provided by the U.S. Postal Service			
			A	Air			
			AE	Air Express			

B	Barge	
C	Consolidation	
CE	Customer Pickup / Customer's Expense	
D	Parcel Post	
E	Expedited Truck	
H	Customer Pickup	
I	Common Irregular Carrier	
L	Contract Carrier	
LT	Less Than Trailer Load (LTL)	
M	Motor (Common Carrier)	
N	Private Vessel	
O	Containerized Ocean	
P	Private Carrier	
Q	Conventional Ocean	
R	Rail	
SR	Supplier Truck	
T	Best Way (Shippers Option)	
U	Private Parcel Service	
X	Intermodal (Piggyback)	

Must Use   TD505   387   Routing   X   1   AN 1/35

Future need identified

Segment:	**TD3** Carrier Details (Equipment)
Position:	1300
Loop:	TD3 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify transportation details relating to the equipment used by the carrier
Syntax Notes:	1 Only one of TD301 or TD310 may be present.
	2 If TD302 is present, then TD303 is required.
	3 If TD304 is present, then TD305 is required.
	4 If either TD305 or TD306 is present, then the other is required.
Semantic Notes:	
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
TD301	40	**Equipment Description Code**	X	1	**ID 2/2**
		All codes in the EDI Standard for Data Element 40 accepted			
		Refer to 005010 Data Element Dictionary for acceptable code values.			
TD302	206	**Equipment Initial**	O	1	**AN 1/4**
TD303	207	**Equipment Number**	X	1	**AN 1/15**

Segment:	**REF** Reference Information
Position:	1500
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.

			2	If either C04003 or C04004 is present, then the other is required.			
			3	If either C04005 or C04006 is present, then the other is required.			
Semantic Notes:			**1**	REF04 contains data relating to the value cited in REF02.			
Comments:							

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**1**	**ID 2/3**
			BM — Bill of Lading Number			
Must Use	**REF02**	**127**	**Reference Identification**	**X**	**1**	**AN 1/50**
			BSN02 used as surrogate			

Segment:	**DTM** Date/Time Reference
Position:	2000
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	**1** At least one of DTM02 DTM03 or DTM05 is required.
	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**1**	**ID 3/3**
			067 — Current Schedule Delivery			
Must Use	**DTM02**	**373**	**Date**	**X**	**1**	**DT 8/8**

Segment:	**N1** Ship-From location
Position:	2200
Loop:	N1 Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	**1** At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	**N101**	**98**	**Entity Identifier Code**	**M**	**1**	**ID 2/3**
			SF — Ship From			
Must Use	**N103**	**66**	**Identification Code Qualifier**	**X**	**1**	**ID 1/2**
			9 — D-U-N-S+4, D-U-N-S Number with Four Character			

Must Use	N104	67	Identification Code	X	1	AN 2/80

Vendor Duns plus suffix

Segment: **N2** **Additional Name Information**
Position: 2300
Loop: N1   Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	N201	93	Name	M	1	AN 1/60
	N202	93	Name	O	1	AN 1/60

Segment: **N3** **Party Location**
Position: 2400
Loop: N1   Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	N301	166	Address Information	M	1	AN 1/55
	N302	166	Address Information	O	1	AN 1/55

Segment: **N4** **Geographic Location**
Position: 2500
Loop: N1   Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1   Only one of N402 or N407 may be present.
2   If N406 is present, then N405 is required.
3   If N407 is present, then N404 is required.
Semantic Notes:
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.

Data Element Summary

	Ref.	Data

Des.	Element	Name	Attributes		
N401	**19**	**City Name**	**O**	**1**	**AN 2/30**
N402	**156**	**State or Province Code**	**X**	**1**	**ID 2/2**
N403	**116**	**Postal Code**	**O**	**1**	**ID 3/15**
N404	**26**	**Country Code**	**X**	**1**	**ID 2/3**
N405	**309**	**Location Qualifier**	**X**	**1**	**ID 1/2**
		All codes in the EDI Standard for Data Element 309 accepted			
N406	**310**	**Location Identifier**	**O**	**1**	**AN 1/30**

Segment:	**N1** Ship-To location	
Position:	2850	
Loop:	N1	Optional (Must Use)
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**N101**	**98**	**Entity Identifier Code**	**M**	**1**	**ID 2/3**
			ST Ship To			
Must Use	**N102**	**93**	**Name**	**X**	**1**	**AN 1/60**
Must Use	**N103**	**66**	**Identification Code Qualifier**	**X**	**1**	**ID 1/2**
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
Must Use	**N104**	**67**	**Identification Code**	**X**	**1**	**AN 2/80**

Delhaize America Ship To Duns Table For Our Distribution Centers

DC01
54 Hemco Road, So. Portland, ME 04106
0069495560010 - So. Portland DC Grocery
0069495560012 - So. Portland DC Dairy
0069495560013 - So. Portland DC Frozen
0069495560014 - So. Portland DC Meat
0069495560015 - So. Portland DC Produce
0069495560020 - So. Portland DC Gen. Mdse.
0069495560023 - So. Portland DC ALR Whse.

DC02
970 Route 9, Schodack Landing, NY 12156-9714
0069495560040 - Schodack DC Grocery
0069495560042 - Schodack DC Dairy
0069495560043 - Schodack DC Frozen
0069495560044 - Schodack DC Meat
0069495560045 - Schodack DC Produce

DC03
Route 202, Winthrop, ME 04364
0069495560071 - Progressive Dist. Inc.
0069495560074 - Progressive Dist. Inc. (RX)

DC10 (Dry)
2110 Executive Drive, Salisbury, NC 28144
0034485600011

DC10 (Fresh)
2085 Harrison Road, Salisbury, NC 28144
0034485600012

Salisbury Corporate
Food Lion Corporate Office 2110 Executive Drive, Salisbury, NC 28144
0034485600019

DC20
6500 Enterprize Dr., Disputanta, VA 23842
0034485600020

DC30
Snider Street, Elloree, SC 29047
0034485600030

DC04
Highway 301 South, Dunn, NC 28334
0034485600040

DC07
Antrim-Green Castle Industrial Park Lot 16 Commerce Ave, Green Castle, PA 17225
0034485600070

DC09
1703 East D Street, Butner NC 27509
0034485600090

Segment:	**N2** Additional Name Information	
Position:	2875	
Loop:	N1	Optional (Must Use)
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify additional names	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	N201	93	Name	M	1	AN 1/60
	N202	93	Name	O	1	AN 1/60

Segment:	**N3** Party Location	
Position:	2888	
Loop:	N1	Optional (Must Use)
Level:	Detail	
Usage:	Optional	

| | | | Max Use: | 1 |
| | | | | |

Max Use: 1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name				Attributes
M	N301	166	**Address Information**	M	1	AN 1/55	
	N302	166	**Address Information**	O	1	AN 1/55	

Segment: **N4** Geographic Location
Position: 2894
Loop: N1   Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:
 1   Only one of N402 or N407 may be present.
 2   If N406 is present, then N405 is required.
 3   If N407 is present, then N404 is required.

Semantic Notes:
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.

Data Element Summary

Ref. Des.	Data Element	Name			Attributes
N401	19	**City Name**	O	1	AN 2/30
N402	156	**State or Province Code**	X	1	ID 2/2
N403	116	**Postal Code**	O	1	ID 3/15
N404	26	**Country Code**	X	1	ID 2/3
N405	309	**Location Qualifier**	X	1	ID 1/2
		All codes in the EDI Standard for Data Element 309 accepted			
N406	310	**Location Identifier**	O	1	AN 1/30

Segment: **HL** Hierarchical Level - Order
Position: 3910
Loop: HL   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:
Semantic Notes:
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.
     The HL segment defines a top-down/left-right ordered structure.
 2   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.

3   HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.

4   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.

5   HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes:	Future Need Identified

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	HL01	628	**Hierarchical ID Number**	M	1	AN 1/12
Must Use	HL02	734	**Hierarchical Parent ID Number**	O	1	AN 1/12
			1 - Shipment level			
M	HL03	735	**Hierarchical Level Code**	M	1	ID 1/2
			O Order			

Segment:	**PRF** **Purchase Order Reference**
Position:	3917
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To provide reference to a specific purchase order
Syntax Notes:	
Semantic Notes:	1 PRF04 is the date assigned by the purchaser to purchase order.
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	PRF01	324	**Purchase Order Number**	M	1	AN 1/22
			Delhaize America Purchase Order Number			
	PRF04	373	**Date**	O	1	DT 8/8

Segment:	**N1** **Cross Dock Store Number**
Position:	3921
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
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:	This N1 loop is required for Cross Dock vendors only. If you do not participate in the Cross Dock program you should not send this loop.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
M	N101	98	**Entity Identifier Code**	M	1	ID 2/3	
			SN	Store			
	N102	93	**Name**	X	1	AN 1/60	
	N103	66	**Identification Code Qualifier**	X	1	ID 1/2	
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
	N104	67	**Identification Code**	X	1	AN 2/80	

Delhaize America Operating Banner DUNS plus four-digit store number

DUNS Information

Hannaford Bros., SweetBay - 006949556
Food Lion, Bottom Dollar, J H Harvey - 003448560

Segment:	**HL** Hierarchical Level - Tare	
Position:	3910	
Loop:	HL	Mandatory
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments	
Syntax Notes:		
Semantic Notes:		
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. The HL segment defines a top-down/left-right ordered structure.
	2	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.
	3	HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
	4	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.
	5	HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.
Notes:	Future Need Identified	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
M	HL01	628	**Hierarchical ID Number**	M	1	AN 1/12	
Must Use	HL02	734	**Hierarchical Parent ID Number**	O	1	AN 1/12	
			Ref. order level				
M	HL03	735	**Hierarchical Level Code**	M	1	ID 1/2	
			T	Shipping Tare			

Segment: MAN **Marks and Numbers Information**

Position: 3915
Loop: HL   Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate identifying marks and numbers for shipping containers
Syntax Notes: 1   If either MAN04 or MAN05 is present, then the other is required.
                  2   If MAN06 is present, then MAN05 is required.
Semantic Notes: 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. 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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
M	MAN01	88	**Marks and Numbers Qualifier**	M	1	ID 1/2	
			GM EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier				
			UCC/EAN 128 Code				
M	MAN02	87	**Marks and Numbers**	M	1	AN 1/48	
			SSCC/18				

Segment: PAL **Pallet Type and Load Characteristics**

Position: 3918
Loop: HL   Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the type and physical attributes of the pallet, and, gross weight, gross volume, and height of the load and the pallet
Syntax Notes: 1   If either PAL05 or PAL06 is present, then the other is required.
                  2   If PAL07 is present, then PAL10 is required.
                  3   If PAL08 is present, then PAL10 is required.
                  4   If PAL09 is present, then PAL10 is required.
                  5   If PAL10 is present, then at least one of PAL07 PAL08 or PAL09 is required.
                  6   If either PAL11 or PAL12 is present, then the other is required.
                  7   If either PAL13 or PAL14 is present, then the other is required.
Semantic Notes: 1   PAL04 (Pack) is the number of pieces on the pallet.
                  2   PAL05 (Unit Weight) is the weight of the pallet alone, before loading.
                  3   PAL07 and PAL08 (Length and Width) are the dimensions of the pallet before loading.
                  4   PAL09 (Height) is the height of the pallet and load.
                  5   PAL11 and PAL13 (Gross Weight and Gross Volume) are measured after loading and includes the pallet.
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PAL01	883	Pallet Type Code	O	1	ID 1/2

All codes in the EDI Standard for Data Element 883 accepted

Refer to 005010 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes		
PAL02	884	Pallet Tiers	O	1	N0 1/3
PAL03	885	Pallet Blocks	O	1	N0 1/3
PAL04	356	Pack	O	1	N0 1/6
PAL05	395	Unit Weight	X	1	R 1/8
PAL06	355	Unit or Basis for Measurement Code	X	1	ID 2/2

Code	Description
15	Stick
1N	Count
2W	Bin
	Storage container used as a unit of measurement
58	Net Kilograms
AF	Centigram
	A unit of metric weight equal to 0.01 gram or 0.000035 ounce
AS	Assortment
BA	Bale
BG	Bag
BI	Bar
	A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter
BL	Block
BN	Bulk
BO	Bottle
BR	Barrel
BU	Bushel
	32 dry quarts
BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius
CF	Cubic Feet
CI	Cubic Inches
CM	Centimeter
CN	Can
CO	Cubic Meters (Net)
CQ	Cartridge
CR	Cubic Meter
CT	Carton
CU	Cup
CV	Cover
CW	Hundred Pounds (CWT)
DA	Days
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.

DS	Display
DZ	Dozen
EA	Each
EV	Envelope
FA	Fahrenheit
FJ	Sizing Factor
FO	Fluid Ounce
FT	Foot
GA	Gallon
GH	Half Gallon
GR	Gram
GT	Gross Kilogram
	Represents kilograms of product and package or container
HC	Hundred Count
HD	Half Dozen
IN	Inch
JR	Jar
KE	Keg
	A unit of weight equal to 100 pounds, used for nails
KG	Kilogram
KT	Kit
LB	Pound
LF	Linear Foot
LK	Link
LM	Linear Meter
LR	Layer(s)
LT	Liter
ML	Milliliter
MM	Millimeter
MR	Meter
MX	Mixed
NT	Trailer
OZ	Ounce - Av
P1	Percent
PA	Pail
PC	Piece
PE	Pounds Equivalent
PG	Pounds Gross
PK	Package
PL	Pallet/Unit Load
PN	Pounds Net
PR	Pair
PT	Pint
PV	Half Pint
PY	Peck, Dry U.S.
QS	Quart, Dry U.S.
QT	Quart
SF	Square Foot
SH	Sheet
SM	Square Meter
SX	Shipment

		TE Tote			
		TH Thousand			
		TK Tank			
		UN Unit			
		UY Fifty Square Feet			
		UZ Fifty Count			
		V2 Pouch			
		WT Special Code Added by Hannaford Bros			
		YD Yard			
PAL07	**82**	**Length**	**X**	**1**	**R 1/8**
PAL08	**189**	**Width**	**X**	**1**	**R 1/8**
PAL09	**65**	**Height**	**X**	**1**	**R 1/8**
PAL10	**355**	**Unit or Basis for Measurement Code**	**X**	**1**	**ID 2/2**

15   Stick

1N   Count

2W   Bin

Storage container used as a unit of measurement

58   Net Kilograms

AF   Centigram

A unit of metric weight equal to 0.01 gram or 0.000035 ounce

AS   Assortment

BA   Bale

BG   Bag

BI   Bar

A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter

BL   Block

BN Bulk

BO Bottle

BR Barrel

BU Bushel

32 dry quarts

BX Box

C3 Centiliter

CA Case

CC Cubic Centimeter

CE Centigrade, Celsius

CF Cubic Feet

CI Cubic Inches

CM Centimeter

CN Can

CO Cubic Meters (Net)

CQ Cartridge

CR Cubic Meter

CT Carton

CU Cup

CV Cover

CW Hundred Pounds (CWT)

DA Days

DG Decigram

DL Deciliter

DM	Decimeter	
DO	Dollars, U.S.	
DS	Display	
DZ	Dozen	
EA	Each	
EV	Envelope	
FA	Fahrenheit	
FJ	Sizing Factor	
FO	Fluid Ounce	
FT	Foot	
GA	Gallon	
GH	Half Gallon	
GR	Gram	
GT	Gross Kilogram	
	Represents kilograms of product and package or container	
HC	Hundred Count	
HD	Half Dozen	
IN	Inch	
JR	Jar	
KE	Keg	
	A unit of weight equal to 100 pounds, used for nails	
KG	Kilogram	
KT	Kit	
LB	Pound	
LF	Linear Foot	
LK	Link	
LM	Linear Meter	
LR	Layer(s)	
LT	Liter	
ML	Milliliter	
MM	Millimeter	
MR	Meter	
MX	Mixed	
NT	Trailer	
OZ	Ounce - Av	
P1	Percent	
PA	Pail	
PC	Piece	
PE	Pounds Equivalent	
PG	Pounds Gross	
PK	Package	
PL	Pallet/Unit Load	
PN	Pounds Net	
PR	Pair	
PT	Pint	
PV	Half Pint	
PY	Peck, Dry U.S.	
QS	Quart, Dry U.S.	
QT	Quart	
SF	Square Foot	
SH	Sheet	

		SM	Square Meter			
		SX	Shipment			
		TE	Tote			
		TH	Thousand			
		TK	Tank			
		UN	Unit			
		UY	Fifty Square Feet			
		UZ	Fifty Count			
		V2	Pouch			
		WT	Special Code Added by Hannaford Bros			
		YD	Yard			
PAL11	**384**	**Gross Weight per Pack**		**X**	**1**	**R 1/9**
PAL12	**355**	**Unit or Basis for Measurement Code**		**X**	**1**	**ID 2/2**

15	Stick
1N	Count
2W	Bin
	Storage container used as a unit of measurement
58	Net Kilograms
AF	Centigram
	A unit of metric weight equal to 0.01 gram or 0.000035 ounce
AS	Assortment
BA	Bale
BG	Bag
BI	Bar
	A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter
BL	Block
BN	Bulk
BO	Bottle
BR	Barrel
BU	Bushel
	32 dry quarts
BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius
CF	Cubic Feet
CI	Cubic Inches
CM	Centimeter
CN	Can
CO	Cubic Meters (Net)
CQ	Cartridge
CR	Cubic Meter
CT	Carton
CU	Cup
CV	Cover
CW	Hundred Pounds (CWT)
DA	Days
DG	Decigram
DL	Deciliter

DM	Decimeter	
DO	Dollars, U.S.	
DS	Display	
DZ	Dozen	
EA	Each	
EV	Envelope	
FA	Fahrenheit	
FJ	Sizing Factor	
FO	Fluid Ounce	
FT	Foot	
GA	Gallon	
GH	Half Gallon	
GR	Gram	
GT	Gross Kilogram	
	Represents kilograms of product and package or container	
HC	Hundred Count	
HD	Half Dozen	
IN	Inch	
JR	Jar	
KE	Keg	
	A unit of weight equal to 100 pounds, used for nails	
KG	Kilogram	
KT	Kit	
LB	Pound	
LF	Linear Foot	
LK	Link	
LM	Linear Meter	
LR	Layer(s)	
LT	Liter	
ML	Milliliter	
MM	Millimeter	
MR	Meter	
MX	Mixed	
NT	Trailer	
OZ	Ounce - Av	
P1	Percent	
PA	Pail	
PC	Piece	
PE	Pounds Equivalent	
PG	Pounds Gross	
PK	Package	
PL	Pallet/Unit Load	
PN	Pounds Net	
PR	Pair	
PT	Pint	
PV	Half Pint	
PY	Peck, Dry U.S.	
QS	Quart, Dry U.S.	
QT	Quart	
SF	Square Foot	
SH	Sheet	

		SM	Square Meter		
		SX	Shipment		
		TE	Tote		
		TH	Thousand		
		TK	Tank		
		UN	Unit		
		UY	Fifty Square Feet		
		UZ	Fifty Count		
		V2	Pouch		
		WT	Special Code Added by Hannaford Bros		
		YD	Yard		
PAL13	**385**	**Gross Volume per Pack**		**X**	**1 R 1/9**
PAL14	**355**	**Unit or Basis for Measurement Code**		**X**	**1 ID 2/2**

15	Stick
1N	Count
2W	Bin
	Storage container used as a unit of measurement
58	Net Kilograms
AF	Centigram
	A unit of metric weight equal to 0.01 gram or 0.000035 ounce
AS	Assortment
BA	Bale
BG	Bag
BI	Bar
	A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter
BL	Block
BN	Bulk
BO	Bottle
BR	Barrel
BU	Bushel
	32 dry quarts
BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius
CF	Cubic Feet
CI	Cubic Inches
CM	Centimeter
CN	Can
CO	Cubic Meters (Net)
CQ	Cartridge
CR	Cubic Meter
CT	Carton
CU	Cup
CV	Cover
CW	Hundred Pounds (CWT)
DA	Days
DG	Decigram
DL	Deciliter

DM	Decimeter
DO	Dollars, U.S.
DS	Display
DZ	Dozen
EA	Each
EV	Envelope
FA	Fahrenheit
FJ	Sizing Factor
FO	Fluid Ounce
FT	Foot
GA	Gallon
GH	Half Gallon
GR	Gram
GT	Gross Kilogram
	Represents kilograms of product and package or container
HC	Hundred Count
HD	Half Dozen
IN	Inch
JR	Jar
KE	Keg
	A unit of weight equal to 100 pounds, used for nails
KG	Kilogram
KT	Kit
LB	Pound
LF	Linear Foot
LK	Link
LM	Linear Meter
LR	Layer(s)
LT	Liter
ML	Milliliter
MM	Millimeter
MR	Meter
MX	Mixed
NT	Trailer
OZ	Ounce - Av
P1	Percent
PA	Pail
PC	Piece
PE	Pounds Equivalent
PG	Pounds Gross
PK	Package
PL	Pallet/Unit Load
PN	Pounds Net
PR	Pair
PT	Pint
PV	Half Pint
PY	Peck, Dry U.S.
QS	Quart, Dry U.S.
QT	Quart
SF	Square Foot
SH	Sheet

SM	Square Meter	
SX	Shipment	
TE	Tote	
TH	Thousand	
TK	Tank	
UN	Unit	
UY	Fifty Square Feet	
UZ	Fifty Count	
V2	Pouch	
WT	Special Code Added by Hannaford Bros	
YD	Yard	

PAL15	**399**	**Pallet Exchange Code**	**O 1 ID 1/1**

All codes in the EDI Standard for Data Element 399 accepted

Refer to 005010 Data Element Dictionary for acceptable code values.

Segment:	**HL** Hierarchical Level - Pack
Position:	3920
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments
Syntax Notes:	
Semantic Notes:	
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. The HL segment defines a top-down/left-right ordered structure.
	2 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.
	3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
	4 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.
	5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	HL01	628	**Hierarchical ID Number**	M 1 AN 1/12
Must Use	HL02	734	**Hierarchical Parent ID Number**	O 1 AN 1/12
			Ref. Tare or Order level	
M	HL03	735	**Hierarchical Level Code**	M 1 ID 1/2
			P Pack	

Segment:	**LIN** Item Identification
Position:	3925

	Loop:	HL	Mandatory
	Level:	Detail	
	Usage:	Optional	
	Max Use:	1	
	Purpose:	To specify basic item identification data	
	Syntax Notes:	**1**	If either LIN04 or LIN05 is present, then the other is required.
		2	If either LIN06 or LIN07 is present, then the other is required.
		3	If either LIN08 or LIN09 is present, then the other is required.
		4	If either LIN10 or LIN11 is present, then the other is required.
		5	If either LIN12 or LIN13 is present, then the other is required.
		6	If either LIN14 or LIN15 is present, then the other is required.
		7	If either LIN16 or LIN17 is present, then the other is required.
		8	If either LIN18 or LIN19 is present, then the other is required.
		9	If either LIN20 or LIN21 is present, then the other is required.
		10	If either LIN22 or LIN23 is present, then the other is required.
		11	If either LIN24 or LIN25 is present, then the other is required.
		12	If either LIN26 or LIN27 is present, then the other is required.
		13	If either LIN28 or LIN29 is present, then the other is required.
		14	If either LIN30 or LIN31 is present, then the other is required.
	Semantic Notes:	**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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
M	LIN02	235	**Product/Service ID Qualifier**	M	1	ID 2/2
			UA	U.P.C./EAN Case Code (2-5-5)			
			UI	U.P.C. Consumer Package Code (1-5-5)			
			UK	GTIN 14-digit Data Structure			
				Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
			UP	UCC - 12			
				Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)			
M	LIN03	234	**Product/Service ID**	M	1	AN 1/48
Must Use	LIN04	235	**Product/Service ID Qualifier**	X	1	ID 2/2
			LT	Lot Number			
			PJ	Product Date Code (A code indicating the period during which a product was manufactured.)			
	LIN05	234	**Product/Service ID**	X	1	AN 1/48

	Segment:	**SN1** Item Detail (Shipment)	
	Position:	3928	
	Loop:	HL	Mandatory
	Level:	Detail	
	Usage:	Optional	
	Max Use:	1	
	Purpose:	To specify line-item detail relative to shipment	
	Syntax Notes:	**1**	If either SN105 or SN106 is present, then the other is required.
	Semantic Notes:	**1**	SN101 is the ship notice line-item identification.
		2	SN105 is quantity ordered.
	Comments:	**1**	SN103 defines the unit of measurement for both SN102 and SN104.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
M	SN102	382	Number of Units Shipped	M	1 R 1/10
M	SN103	355	Unit or Basis for Measurement Code	M	1 ID 2/2

CA   Case

Segment:	# PO4 Item Physical Details
Position:	3929
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:	**1** If either PO402 or PO403 is present, then the other is required.
	2 If PO405 is present, then PO406 is required.
	3 If either PO406 or PO407 is present, then the other is required.
	4 If either PO408 or PO409 is present, then the other is required.
	5 If PO410 is present, then PO413 is required.
	6 If PO411 is present, then PO413 is required.
	7 If PO412 is present, then PO413 is required.
	8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
	9 If PO417 is present, then PO416 is required.
	10 If PO418 is present, then PO404 is required.
Semantic Notes:	**1** PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
	2 PO416 is the package identifier or the beginning package identifier in a range of identifiers.
	3 PO417 is the ending package identifier in a range of identifiers.
	4 PO418 is the number of packages in this layer.
Comments:	**1** PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
	2 PO413 defines the unit of measure for PO410, PO411, and PO412.
Notes:	This segment should be used only by suppliers with catch weight (random weight) items.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PO405	187	Weight Qualifier	O	1	ID 1/2

N   Actual Net Weight

Ref. Des.	Data Element	Name	Attributes		
PO406	384	Gross Weight per Pack	X	1	R 1/9

Total combined weight of case quantity referenced in preceding SN102 segment/element.

Ref. Des.	Data Element	Name	Attributes		
PO407	355	Unit or Basis for Measurement Code	X	1	ID 2/2

LB   Pound

Segment:	# MAN Marks and Numbers Information
Position:	3930
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To indicate identifying marks and numbers for shipping containers

Syntax Notes:	**1**	If either MAN04 or MAN05 is present, then the other is required.		
	2	If MAN06 is present, then MAN05 is required.		
Semantic Notes:	**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. 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:		May be needed in future		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	MAN01	88	**Marks and Numbers Qualifier**	M	1 ID 1/2
			GM EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier		
M	MAN02	87	**Marks and Numbers**	M	1 AN 1/48
			SSCC-18		

Segment:	**DTM** Date/Time Reference		
Position:	3930		
Loop:	HL Mandatory		
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify pertinent dates and times		
Syntax Notes:	**1**	At least one of DTM02 DTM03 or DTM05 is required.	
	2	If DTM04 is present, then DTM03 is required.	
	3	If either DTM05 or DTM06 is present, then the other is required.	
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	DTM01	374	**Date/Time Qualifier**	M	1 ID 3/3
			036 Expiration		
			Date coverage expires		
Must Use	DTM02	373	**Date**	X	1 DT 8/8

Segment:	**HL** Hierarchical Level - Item		
Position:	3930		
Loop:	HL Mandatory		
Level:	Detail		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments		
Syntax Notes:			
Semantic Notes:			

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.
The HL segment defines a top-down/left-right ordered structure.

2 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.

3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.

4 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.

5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Business Rules: Variable Name: HL

Data Element Summary

	Ref. Des.	Data Element	Name			Attributes	
M	HL01	628	**Hierarchical ID Number**	M	1	AN 1/12	
Must Use	HL02	734	**Hierarchical Parent ID Number**	O	1	AN 1/12	
			Ref. pack/tare/order level				
M	HL03	735	**Hierarchical Level Code**	M	1	ID 1/2	
			I Item				

Segment: **LIN** Item Identification
Position: 3940
Loop: HL   Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify basic item identification data
Syntax Notes: 1 If either LIN04 or LIN05 is present, then the other is required.
2 If either LIN06 or LIN07 is present, then the other is required.
3 If either LIN08 or LIN09 is present, then the other is required.
4 If either LIN10 or LIN11 is present, then the other is required.
5 If either LIN12 or LIN13 is present, then the other is required.
6 If either LIN14 or LIN15 is present, then the other is required.
7 If either LIN16 or LIN17 is present, then the other is required.
8 If either LIN18 or LIN19 is present, then the other is required.
9 If either LIN20 or LIN21 is present, then the other is required.
10 If either LIN22 or LIN23 is present, then the other is required.
11 If either LIN24 or LIN25 is present, then the other is required.
12 If either LIN26 or LIN27 is present, then the other is required.
13 If either LIN28 or LIN29 is present, then the other is required.
14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes: 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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes

M	LIN02	235	**Product/Service ID Qualifier**	M	1	ID 2/2

UA	U.P.C./EAN Case Code (2-5-5)
UI	U.P.C. Consumer Package Code (1-5-5)
UK	GTIN 14-digit Data Structure
	Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
UP	UCC - 12
	Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)

M	LIN03	234	**Product/Service ID**	M	1	AN 1/48
	LIN04	235	**Product/Service ID Qualifier**	X	1	ID 2/2

LT	Lot Number
PJ	Product Date Code (A code indicating the period during which a product was manufactured.)

	LIN05	234	**Product/Service ID**	X	1	AN 1/48

Used if provided

Segment:	**SN1** Item Detail (Shipment)
Position:	3950
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify line-item detail relative to shipment
Syntax Notes:	**1** If either SN105 or SN106 is present, then the other is required.
Semantic Notes:	**1** SN101 is the ship notice line-item identification.
	2 SN105 is quantity ordered.
Comments:	**1** SN103 defines the unit of measurement for both SN102 and SN104.

Data Element Summary

	Ref. Des.	Data Element	Name			Attributes
M	SN102	382	**Number of Units Shipped**	M	1	R 1/10
M	SN103	355	**Unit or Basis for Measurement Code**	M	1	ID 2/2

	EA	Each

Segment:	**PO4** Item Physical Details
Position:	3960
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:	**1** If either PO402 or PO403 is present, then the other is required.
	2 If PO405 is present, then PO406 is required.
	3 If either PO406 or PO407 is present, then the other is required.
	4 If either PO408 or PO409 is present, then the other is required.
	5 If PO410 is present, then PO413 is required.
	6 If PO411 is present, then PO413 is required.
	7 If PO412 is present, then PO413 is required.
	8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
	9 If PO417 is present, then PO416 is required.
	10 If PO418 is present, then PO404 is required.

Semantic Notes: **1**   PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.

    2   PO416 is the package identifier or the beginning package identifier in a range of identifiers.

    3   PO417 is the ending package identifier in a range of identifiers.

    4   PO418 is the number of packages in this layer.

Comments: **1**   PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".

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

Notes: This segment required by Hannaford - May be needed in future.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes	
PO401	356	Pack	O	1	N0 1/6
		Case Pack used if provided			
PO408	385	**Gross Volume per Pack**	X	1	R 1/9
		Shipment Gross Volume			
PO409	355	**Unit or Basis for Measurement Code**	X	1	ID 2/2
		15 Stick			
		1N Count			
		2W Bin			
		Storage container used as a unit of measurement			
		58 Net Kilograms			
		AF Centigram			
		A unit of metric weight equal to 0.01 gram or 0.000035 ounce			
		AS Assortment			
		BA Bale			
		BG Bag			
		BI Bar			
		A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter			
		BL Block			
		BN Bulk			
		BO Bottle			
		BR Barrel			
		BU Bushel			
		32 dry quarts			
		BX Box			
		C3 Centiliter			
		CA Case			
		CC Cubic Centimeter			
		CE Centigrade, Celsius			
		CF Cubic Feet			
		CI Cubic Inches			
		CM Centimeter			
		CN Can			
		CO Cubic Meters (Net)			
		CQ Cartridge			

CR	Cubic Meter	
CT	Carton	
CU	Cup	
CV	Cover	
CW	Hundred Pounds (CWT)	
DA	Days	
DG	Decigram	
DL	Deciliter	
DM	Decimeter	
DO	Dollars, U.S.	
DS	Display	
DZ	Dozen	
EA	Each	
EV	Envelope	
FA	Fahrenheit	
FJ	Sizing Factor	
FO	Fluid Ounce	
FT	Foot	
GA	Gallon	
GH	Half Gallon	
GR	Gram	
GT	Gross Kilogram	
	Represents kilograms of product and package or container	
HC	Hundred Count	
HD	Half Dozen	
IN	Inch	
JR	Jar	
KE	Keg	
	A unit of weight equal to 100 pounds, used for nails	
KG	Kilogram	
KT	Kit	
LB	Pound	
LF	Linear Foot	
LK	Link	
LM	Linear Meter	
LR	Layer(s)	
LT	Liter	
ML	Milliliter	
MM	Millimeter	
MR	Meter	
MX	Mixed	
NT	Trailer	
OZ	Ounce - Av	
P1	Percent	
PA	Pail	
PC	Piece	
PE	Pounds Equivalent	
PG	Pounds Gross	
PK	Package	
PL	Pallet/Unit Load	
PN	Pounds Net	

PR	Pair
PT	Pint
PV	Half Pint
PY	Peck, Dry U.S.
QS	Quart, Dry U.S.
QT	Quart
SF	Square Foot
SH	Sheet
SM	Square Meter
SX	Shipment
TE	Tote
TH	Thousand
TK	Tank
UN	Unit
UY	Fifty Square Feet
UZ	Fifty Count
V2	Pouch
WT	Special Code Added by Hannaford Bros
YD	Yard

Segment:	**PID** Product/Item Description
Position:	3970
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
	2 At least one of PID04 or PID05 is required.
	3 If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
	5 If PID09 is present, then PID05 is required.
Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list being referred to.
	2 PID04 should be used for industry-specific product description codes.
	3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
	4 PID09 is used to identify the language being used in PID05.
Comments:	1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
	2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	3 PID07 specifies the individual code list of the agency specified in PID03.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	PID01	349	**Item Description Type**	M	1	ID 1/1
			F Free-form			
	PID05	352	**Description**	X	1	AN 1/80
			Item Description used if provided			

Segment:	**CTT** Transaction Totals
Position:	0100

Loop:				
Level:	Summary			
Usage:	Optional (Must Use)			
Max Use:	1			
Purpose:	To transmit a hash total for a specific element in the transaction set			
Syntax Notes:	**1**	If either CTT03 or CTT04 is present, then the other is required.		
	2	If either CTT05 or CTT06 is present, then the other is required.		
Semantic Notes:				
Comments:	**1**	This segment is intended to provide hash totals to validate transaction completeness and correctness.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	CTT01	354	**Number of Line Items**	M 1 N0 1/6
			Total HL segment count	

SE **Transaction Set Trailer**

Segment:	
Position:	0200
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
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)
Syntax Notes:	
Semantic Notes:	
Comments:	**1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SE01	96	**Number of Included Segments**	M 1 N0 1/10
M	SE02	329	**Transaction Set Control Number**	M 1 AN 4/9

GE **Functional Group Trailer**

Segment:	
Position:	0300
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of a functional group and to provide control information
Syntax Notes:	
Semantic Notes:	**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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	GE01	97	**Number of Transaction Sets Included**	M 1 N0 1/6
M	GE02	28	**Group Control Number**	M 1 N0 1/9

Segment: **IEA** Interchange Control Trailer
Position: 0400
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	IEA01	I16	Number of Included Functional Groups	M	1	N0 1/5
M	IEA02	I12	Interchange Control Number	M	1	N0 9/9