

856 Ship Notice/Manifest

Functional Group ID=**SH**

Introduction:

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.

Notes:

Version 1.1 reflects changes to specifications dated May 24, 2004

N1 – Segment is now Mandatory (Shipment Level)
 REF – REF01 Qualifier “IV” is optional and “IA” is Mandatory (Order Level)
 MAN – the “UC” Qualifier has been added to MAN01 (Pack Level)
 LIN – Qualifier “CB” in LIN02/04 has been changed to “VN” (Item Level)
 SN1 – Now is Mandatory

Version 1.2 reflects changes to specifications dated June 14, 2004

ISA07/08 Information has been added
 GS08 information has been added

Version 1.3 reflects changes to specifications dated March 15, 2005

BSN02 – Maximum Length of 8 digits
 Loop repeats for HL-Shipment Level and HL-Order Level have been changed to 1;
 Only **One** Shipment per ASN and **One** Order per Shipment are permitted.
 N1 – “Ship To” and “Ship From” have been broken into separate entries (Order Level)
 LIN – UPC and Vendor Item Number are both MANDATORY (Item Level)
 (other minor changes have been made to make specification less ambiguous)

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	0010	ISA	Interchange Control Header	O	1		
Must Use	0020	GS	Functional Group Header	O	1		
M	0100	ST	Transaction Set Header	M	1		
M	0200	BSN	Beginning Segment for Ship Notice	M	1		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID – HL – SHIPMENT			1	
M	0100	HL	Hierarchical Shipment Level	M	1		c1
Must Use	1100	TD1	Carrier Details (Quantity and Weight)	O	20		

	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 Identification	O	>1		
M	2000	DTM	Date/Time Reference	M	10		
Rec	2100	FOB	F.O.B. Related Instructions	O	1		
			LOOP ID - N1	2			
M	2200	N1	Name - Ship To	M	1		
M	2200	N1	Name - Ship From	M	1		
	2400	N3	Address Information - Ship From	O	2		
Must Use	2500	N4	Geographic Location - Ship From	O	1		
			LOOP ID - HL - ORDER	1			
M	0100	HL	Hierarchical Order Level	M	1		c1
	0500	PRF	Purchase Order Reference	O	1		
Must Use	0700	PID	Product/Item Description	O	200		
	1100	TD1	Carrier Details (Quantity and Weight)	O	20		
Must Use	1500	REF	Reference Identification	O	>1		
			LOOP ID - N1	1			
	2200	N1	Name	O	1		
			LOOP ID - HL - TARE/PALLET	200000			
	0100	HL	Hierarchical Tare Level	O	1		c1
	1900	MAN	Marks and Numbers	O	>1		
	2150	PAL	Pallet Information	O	1		
			LOOP ID - HL - PACK	200000			
M	0100	HL	Hierarchical Pack Level	M	1		c1
	0600	PO4	Item Physical Details	O	1		
Must Use	1900	MAN	Marks and Numbers	O	>1		
			LOOP ID - HL - ITEM	200000			
M	0100	HL	Hierarchical Item Level	M	1		c1
Must Use	0200	LIN	Item Identification	O	1		
Must Use	0300	SN1	Item Detail (Shipment)	O	1		
	0400	SLN	Subline Item Detail	O	1000		
	0600	PO4	Item Physical Details	O	1		
	1000	PKG	Marking, Packaging, Loading	O	25		
	1100	TD1	Carrier Details (Quantity and Weight)	O	20		

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	0100	CTT	Transaction Totals	O	1		n1
M	0200	SE	Transaction Set Trailer	M	1		
Must Use	0210	GE	Functional Group Trailer	O	1		
Must Use	0220	IEA	Interchange Control Trailer	O	1		

Transaction Set Notes

- 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

- 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**
Position: 0010
Loop:
Level: Heading
Usage: Optional (**Must Use**)
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ISA01	I01	Authorization Information Qualifier Code identifying the type of information in the Authorization Information 00 No Authorization Information Present (No Meaningful Information in I02)	M 1 ID 2/2
M	ISA02	I02	Authorization Information 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) Leave Blank	M 1 AN 10/10
M	ISA03	I03	Security Information Qualifier Code identifying the type of information in the Security Information 00 No Security Information Present (No Meaningful Information in I04)	M 1 ID 2/2
M	ISA04	I04	Security Information 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) Leave Blank	M 1 AN 10/10
M	ISA05	I05	Interchange ID Qualifier Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified Refer to 004030 Data Element Dictionary for acceptable code values.	M 1 ID 2/2
M	ISA06	I06	Interchange Sender ID 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	M 1 AN 15/15
M	ISA07	I05	Interchange ID Qualifier Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified 12 Phone (Telephone Companies) – Production Qualifier ZZ Mutually Defined – Test Qualifier	M 1 ID 2/2
M	ISA08	I07	Interchange Receiver ID 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 9739830888 Production ID PARTYCITYTST Test ID	M 1 AN 15/15
M	ISA09	I08	Interchange Date Date of the interchange	M 1 DT 6/6
M	ISA10	I09	Interchange Time Time of the interchange	M 1 TM 4/4
M	ISA11	I65	Repetition Separator Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be	M 1 AN 1/1

			different than the data element separator, component element separator, and the segment terminator			
M	ISA12	I11	Interchange Control Version Number Code specifying the version number of the interchange control segments 00403	M	1	ID 5/5 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999
M	ISA13	I12	Interchange Control Number A control number assigned by the interchange sender	M	1	N0 9/9
M	ISA14	I13	Acknowledgment Requested Code indicating sender's request for an interchange acknowledgment	M	1	ID 1/1
M	ISA15	I14	Usage Indicator Code indicating whether data enclosed by this interchange envelope is test, production or information P Production T Testing	M	1	ID 1/1
M	ISA16	I15	Component Element Separator Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M	1	AN 1/1

Segment: **GS** Functional Group Header
Position: 0020
Loop:
Level: Heading
Usage: Optional (**Must Use**)
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.	Data Element	Name	Attributes
M	GS01	479 Functional Identifier Code Code identifying a group of application related transaction sets SH Ship Notice/Manifest (856)	M 1 ID 2/2
M	GS02	142 Application Sender's Code Code identifying party sending transmission; codes agreed to by trading partners	M 1 AN 2/15
M	GS03	124 Application Receiver's Code Code identifying party receiving transmission; codes agreed to by trading partners 9739830888 Production ID PARTYCITYTST Test ID	M 1 AN 2/15
M	GS04	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M 1 DT 8/8
M	GS05	337 Time 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)	M 1 TM 4/8
M	GS06	28 Group Control Number Assigned number originated and maintained by the sender	M 1 N0 1/9
M	GS07	455 Responsible Agency Code Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 X Accredited Standards Committee X12	M 1 ID 1/2
M	GS08	480 Version / Release / Industry Identifier Code 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 004030VICS Version 4030 VICS	M 1 AN 1/12

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.

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 856 Ship Notice/Manifest	M 1 ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9
	ST03	1705	Implementation Convention Reference Reference assigned to identify Implementation Convention	O 1 AN 1/35

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:
Semantic Notes: 1 BSN03 is the date the shipment transaction set is created.
 2 BSN04 is the time the shipment transaction set is created.
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BSN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set Refer to 004030 Data Element Dictionary for acceptable code values.	M 1 ID 2/2
M	BSN02	396	Shipment Identification A unique control number assigned by the original shipper to identify a specific shipment Do not exceed 8 digits--MUST BE A UNIQUE VALUE OVER A 12-MONTH PERIOD.	M 1 AN 2/8
M	BSN03	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M 1 DT 8/8
M	BSN04	337	Time 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)	M 1 TM 4/8
	BSN05	1005	Hierarchical Structure Code Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set	O 1 ID 4/4
		0001	Shipment, Order, Packaging, Item Pick Pack Format	
		0002	Shipment, Order, Item, Packaging Standard Pack Format	

Segment: **HL** Hierarchical Shipment Level
Position: 0100
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1 – **ONLY ONE SHIPMENT PER ASN**
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.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	HL01	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M 1 AN 1/12
	HL02	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O 1 AN 1/12
M	HL03	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure S Shipment	M 1 ID 1/2

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.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TD101	103	Packaging Code 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 CTN Carton CTN25 - Carton Corrugated CTN31 - Carton Fiber CTN76 - Carton Paper PLT Pallet	O 1 AN 3/5
Must Use	TD102	80	Lading Quantity Number of units (pieces) of the lading commodity	X 1 N0 1/7
Not Used	TD103	23	Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code	O 1 ID 1/1
Not Used	TD104	22	Commodity Code Code describing a commodity or group of commodities	X 1 AN 1/30
Not Used	TD105	79	Lading Description Description of an item as required for rating and billing purposes	O 1 AN 1/50
Must Use	TD106	187	Weight Qualifier Code defining the type of weight G Gross Weight	O 1 ID 1/2
Must Use	TD107	81	Weight Numeric value of weight	X 1 R 1/10
Must Use	TD108	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken LB Pound	X 1 ID 2/2

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 1200
Loop: HL Mandatory
Level: Detail
Usage: Optional
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.
Semantic Notes:
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
	TD501	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement B Origin/Delivery Carrier (Any Mode)	O 1 ID 1/2
Must Use	TD502	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 2 Standard Carrier Alpha Code (SCAC)	X 1 ID 1/2
Must Use	TD503	67	Identification Code Code identifying a party or other code	X 1 AN 2/80
Must Use	TD504	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment A Air C Consolidation E Expedited Truck M Motor (Common Carrier) Truckload or LTL U Private Parcel Service Parcel Package	X 1 ID 1/2
Must Use	TD505	387	Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	X 1 AN 1/35

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.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
TD301	40	Equipment Description Code Code identifying type of equipment used for shipment TL Trailer (not otherwise specified)	X 1 ID 2/2
TD302	206	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number	O 1 AN 1/4
TD303	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	X 1 AN 1/10

Segment: **REF** Reference Identification
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.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification At least one MUST be sent	M 1 ID 2/3
			BM Bill of Lading Number	
			CN Carrier's Reference Number (PRO/Invoice)	
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50

Segment: **DTM** Date/Time Reference
Position: 2000
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 017 Estimated Delivery	M 1 ID 3/3
Must Use	DTM02	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8

Segment: **FOB** F.O.B. Related Instructions
Position: 2100
Loop: HL Mandatory
Level: Detail
Usage: Optional (Recommended)
Max Use: 1
Purpose: To specify transportation instructions relating to shipment
Syntax Notes: 1 If FOB03 is present, then FOB02 is required.
Semantic Notes: 1 FOB01 indicates which party will pay the carrier.
 2 FOB02 is the code specifying transportation responsibility location.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	FOB01	146	Shipment Method of Payment Code identifying payment terms for transportation charges BP Paid by Buyer The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location) CC Collect PP Prepaid (by Seller)	M 1 ID 2/2
	FOB02	309	Location Qualifier Code identifying type of location DE Destination (Shipping) OR Origin (Shipping Point) ZZ Mutually Defined	X 1 ID 1/2
	FOB03	352	Description A free-form description to clarify the related data elements and their content	O 1 AN 1/80

Segment: **N1** Name - Ship To
Position: 2200
Loop: N1 Mandatory
Level: Detail
Usage: Mandatory
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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual ST Ship To	M 1 ID 2/3
Must Use	N102	93	Name Free-form name Party City Store Name (e.g., "PARTY CITY OF KENDALL")	X 1 AN 1/60
Must Use	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	X 1 ID 1/2
Must Use	N104	67	Identification Code Code identifying a party or other code Party City Store/DC Number (use leading zero for single-digit locations, e.g., "03")	X 1 AN 2/80

Segment: **N1** Name - Ship From
Position: 2200
Loop: N1 Mandatory
Level: Detail
Usage: Mandatory
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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual SF Ship From	M 1 ID 2/3
Must Use	N102	93	Name Free-form name	X 1 AN 1/60
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 91 Assigned by Seller or Seller's Agent	X 1 ID 1/2
	N104	67	Identification Code Code identifying a party or other code Party City Vendor Number	X 1 AN 2/80

Segment: N3 Address Information - Ship From
Position: 2400
Loop: N1 Mandatory
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 Address information	M 1 AN 1/55
	N302	166	Address Information Address information	O 1 AN 1/55

Segment: **N4 Geographic Location - Ship From**
Position: 2500
Loop: N1 Mandatory
Level: Detail
Usage: Optional (**Must Use**)
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.
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	Attributes
	Des.	Element Name	
Must Use	N401	19 City Name Free-form text for city name	O 1 AN 2/30
Must Use	N402	156 State or Province Code Code (Standard State/Province) as defined by appropriate government agency	X 1 ID 2/2
Must Use	N403	116 Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O 1 ID 3/15
	N404	26 Country Code Code identifying the country	X 1 ID 2/3

Segment: **HL** Hierarchical Order Level
Position: 0100
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1 – **ONLY ONE ORDER PER SHIPMENT**
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.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	HL01	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M 1 AN 1/12
	HL02	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O 1 AN 1/12
M	HL03	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure O Order	M 1 ID 1/2

Segment: **PRF** Purchase Order Reference
Position: 0500
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:
Notes: Party City recommends that you send the PO Date (PRF04)

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PRF01	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M 1 AN 1/22
	PRF02	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O 1 AN 1/30
Not Used	PRF03	327	Change Order Sequence Number Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	O 1 AN 1/8
Rec	PRF04	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O 1 DT 8/8

Segment: **PID** Product/Item Description
Position: 0700
Loop: HL Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 200
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.
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.
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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349	Item Description Type Code indicating the format of a description S Structured (From Industry Code List)	M 1 ID 1/1
Not Used	PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic	O 1 ID 2/3
Must Use	PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values VI Voluntary Inter-Industry Commerce Standard (VICS) EDI	X 1 ID 2/2
Must Use	PID04	751	Product Description Code A code from an industry code list which provides specific data about a product characteristic FL Compliant with Fair Labor Standards Act ZZ FLSA Non-Compliant or Not Applicable	X 1 AN 1/12
	PID05	352	Description A free-form description to clarify the related data elements and their content	X 1 AN 1/80

Segment: **TD1** Carrier Details (Quantity and Weight)
Position: 1100
Loop: HL Mandatory
Level: Detail
Usage: Optional
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.

Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
TD101	103	Packaging Code 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 CTN Carton PLT Pallet	O 1 AN 3/5
TD102	80	Lading Quantity Number of units (pieces) of the lading commodity	X 1 N0 1/7
Not Used	TD103	23 Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code	O 1 ID 1/1
Not Used	TD104	22 Commodity Code Code describing a commodity or group of commodities	X 1 AN 1/30
TD105	79	Lading Description Description of an item as required for rating and billing purposes	O 1 AN 1/50
TD106	187	Weight Qualifier Code defining the type of weight G Gross Weight	O 1 ID 1/2
TD107	81	Weight Numeric value of weight	X 1 R 1/10
TD108	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken LB Pound	X 1 ID 2/2

Segment: **REF** Reference Identification
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.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes:

'IA' is MANDATORY and reflects the Party City Vendor Number.

Party City would like the Seller's Invoice Number ("IV"), however, this segment is optional.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier	M 1 ID 2/3
			Code qualifying the Reference Identification	
			BT Batch Number	
			CH Customer catalog number	
			CO Customer Order Number	
			DP Department Number	
Must Use			IA Internal Vendor Number	
			Must be sent	
			IT Internal Customer Number	
Recommended			IV Seller's Invoice Number	
			MR Merchandise Type Code	
			PD Promotion/Deal Number	
			SB Sales Region Number	
			VN Vendor Order Number	
	REF02	127	Reference Identification	X 1 AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **N1** Name
Position: 2200
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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	M 1 ID 2/3
	N102	93	Name Free-form name	X 1 AN 1/60
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	X 1 ID 1/2
	N104	67	Identification Code Code identifying a party or other code	X 1 AN 2/80

Segment: **HL** Hierarchical Tare Level
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.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	HL01 628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M 1 AN 1/12
	HL02 734	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O 1 AN 1/12
M	HL03 735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure T Shipping Tare	M 1 ID 1/2

Segment: **MAN** Marks and Numbers
Position: 1900
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate identifying marks and numbers for shipping containers
Syntax Notes:
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.

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.

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
M	MAN01	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) GM SSSC-18 and Application Identifier	M 1 ID 1/2
M	MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	M 1 AN 1/48

Segment: **PAL** Pallet Information
Position: 2150
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.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
PAL01	883	Pallet Type Code Code indicating the type of pallet Refer to 004030 Data Element Dictionary for acceptable code values.	O 1 ID 1/2
PAL02	884	Pallet Tiers The number of layers per pallet	O 1 N0 1/3
PAL03	885	Pallet Blocks The number of pieces (cartons) per layer on the pallet	O 1 N0 1/3
PAL04	356	Pack The number of inner containers, or number of eaches if there are no inner containers, per outer container	O 1 N0 1/6
PAL05	395	Unit Weight Numeric value of weight per unit	X 1 R 1/8
PAL06	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken LB Pound	X 1 ID 2/2
PAL07	82	Length Largest horizontal dimension of an object measured when the object is in the upright position	X 1 R 1/8
PAL08	189	Width Shorter measurement of the two horizontal dimensions measured with the object in the upright position	X 1 R 1/8
PAL09	65	Height Vertical dimension of an object measured when the object is in the upright position	X 1 R 1/8
PAL10	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken IN Inch	X 1 ID 2/2
PAL11	384	Gross Weight per Pack Numeric value of gross weight per pack	X 1 R 1/9
PAL12	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in	X 1 ID 2/2

		which a measurement has been taken		
		LB Pound		
PAL13	385	Gross Volume per Pack	X	1 R 1/9
		Numeric value of gross volume per pack		
PAL14	355	Unit or Basis for Measurement Code	X	1 ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		CI Cubic Inches		
PAL15	399	Pallet Exchange Code	O	1 ID 1/1
		Code specifying pallet exchange instructions		
		Refer to 004030 Data Element Dictionary for acceptable code values.		
PAL16	810	Inner Pack	O	1 N0 1/6
		The number of eaches per inner container		
PAL17	1699	Pallet Structure Code	O	1 ID 1/1
		Code identifying the pallet structure		
		Refer to 004030 Data Element Dictionary for acceptable code values.		

Segment: **HL** Hierarchical Pack Level
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.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	HL01	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M 1 AN 1/12
	HL02	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O 1 AN 1/12
M	HL03	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure P Pack	M 1 ID 1/2

Segment: **PO4** Item Physical Details
Position: 0600
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:
Semantic Notes:
Comments:
Notes: Only PO401 and PO414 are used (Optional) by Party City

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
	PO401	356	Pack	O 1 N0 1/6
			The number of inner containers, or number of eaches if there are no inner containers, per outer container	
Not Used	PO402	357	Size	X 1 R 1/8
			Size of supplier units in pack	
Not Used	PO403	355	Unit or Basis for Measurement Code	X 1 ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	PO404	103	Packaging Code	X 1 AN 3/5
			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	
Not Used	PO405	187	Weight Qualifier	O 1 ID 1/2
			Code defining the type of weight	
Not Used	PO406	384	Gross Weight per Pack	X 1 R 1/9
			Numeric value of gross weight per pack	
Not Used	PO407	355	Unit or Basis for Measurement Code	X 1 ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	PO408	385	Gross Volume per Pack	X 1 R 1/9
			Numeric value of gross volume per pack	
Not Used	PO409	355	Unit or Basis for Measurement Code	X 1 ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	PO410	82	Length	X 1 R 1/8
			Largest horizontal dimension of an object measured when the object is in the upright position	
Not Used	PO411	189	Width	X 1 R 1/8
			Shorter measurement of the two horizontal dimensions measured with the object in the upright position	
Not Used	PO412	65	Height	X 1 R 1/8
			Vertical dimension of an object measured when the object is in the upright position	
Not Used	PO413	355	Unit or Basis for Measurement Code	X 1 ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
	PO414	810	Inner Pack	O 1 N0 1/6
			The number of eaches per inner container	

Segment: **MAN** Marks and Numbers

Position: 1900

Loop: HL Mandatory

Level: Detail

Usage: Optional (**Must Use**)

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: **If Tare Level (Pallet) is used, then MAN01 should equal "UC"**
If NO Tare Level (Pallet) is used, MAN01 MUST EQUAL "GM"

Data Element Summary

Ref.	Data	Attributes		
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	MAN01	88	Marks and Numbers Qualifier	M 1 ID 1/2
			Code specifying the application or source of Marks and Numbers (87)	
			GM SSCC-18 and Application Identifier	
			UC U.P.C. Shipping Container Code	
M	MAN02	87	Marks and Numbers	M 1 AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN03	87	Marks and Numbers	O 1 AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN04	88	Marks and Numbers Qualifier	O 1 ID 1/2
			Code specifying the application or source of Marks and Numbers (87)	
			GM SSCC-18 and Application Identifier	
			UC U.P.C. Shipping Container Code	
	MAN05	87	Marks and Numbers	O 1 AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN06	87	Marks and Numbers	O 1 AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment	

Segment: **HL** Hierarchical Item Level
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.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	HL01	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M 1 AN 1/12
	HL02	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O 1 AN 1/12
M	HL03	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure I Item	M 1 ID 1/2

Segment: **LIN** Item Identification
Position: 0200
Loop: HL Mandatory
Level: Detail
Usage: Optional (**Must Use**)
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.
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.
Notes: Party City requires BOTH the Item UPC and the Vendor's Item Number.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
	LIN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O 1 AN 1/20
M	LIN02	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) UP Universal Product Code (U.P.C.)	M 1 ID 2/2
M	LIN03	234	Product/Service ID Identifying number for a product or service Product (Selling Unit) UPC	M 1 AN 1/48
Must Use	LIN04	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) VN Vendor's Item Number	X 1 ID 2/2
Must Use	LIN05	234	Product/Service ID Identifying number for a product or service Vendor's Item Number	X 1 AN 1/48

Segment: **SN1** Item Detail (Shipment)
Position: 0300
Loop: HL Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify line-item detail relative to shipment
Syntax Notes:
Semantic Notes: 1 SN101 is the ship notice line-item identification.
Comments: 1 SN103 defines the unit of measurement for both SN102 and SN104.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
	SN101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O 1 AN 1/20
M	SN102	382	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	M 1 R 1/10
M	SN103	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CA Case EA Each	M 1 ID 2/2

Segment:	SLN Subline Item Detail
Position:	0400
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To specify product subline detail item data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either SLN04 or SLN05 is present, then the other is required. 2 If SLN07 is present, then SLN06 is required. 3 If SLN08 is present, then SLN06 is required. 4 If either SLN09 or SLN10 is present, then the other is required. 5 If either SLN11 or SLN12 is present, then the other is required. 6 If either SLN13 or SLN14 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 SLN01 is the identifying number for the subline item. 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials. 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item. 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	<ol style="list-style-type: none"> 1 See the Data Element Dictionary for a complete list of IDs. 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1. 3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Data Element Summary

Ref.	Data	Element	Name	Attributes
M	SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	M 1 AN 1/20
Not Used	SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O 1 AN 1/20
M	SLN03	662	Relationship Code Code indicating the relationship between entities I Included S Substituted	M 1 ID 1/1
	SLN04	380	Quantity Numeric value of quantity	X 1 R 1/15
	SLN05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X 1
M	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004030 Data Element Dictionary for acceptable code values.	M ID 2/2
	SLN06	212	Unit Price Price per unit of product, service, commodity, etc. Optional, however, Party City strongly suggests it's usage.	X 1 R 1/17
	SLN07	639	Basis of Unit Price Code Code identifying the type of unit price for an item Refer to 004030 Data Element Dictionary for acceptable code values.	O 1 ID 2/2
Not Used	SLN08	662	Relationship Code Code indicating the relationship between entities	O 1 ID 1/1
	SLN09	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) CB Buyer's Catalog Number UP UCC - 12	X 1 ID 2/2

			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.)			
SLN10	234	Product/Service ID		X	1	AN 1/48
		Identifying number for a product or service				
SLN11	235	Product/Service ID Qualifier		X	1	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CB	Buyer's Catalog Number			
		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.)			
SLN12	234	Product/Service ID		X	1	AN 1/48
		Identifying number for a product or service				
SLN13	235	Product/Service ID Qualifier		X	1	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CB	Buyer's Catalog Number			
		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.)			
SLN14	234	Product/Service ID		X	1	AN 1/48
		Identifying number for a product or service				

Segment: **PO4** Item Physical Details
Position: 0600
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:
Semantic Notes:
Comments:
Notes: Only PO401 and PO414 are used (Optional) by Party City

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
	PO401	356	Pack	O 1 N0 1/6
			The number of inner containers, or number of eaches if there are no inner containers, per outer container	
Not Used	PO402	357	Size	X 1 R 1/8
			Size of supplier units in pack	
Not Used	PO403	355	Unit or Basis for Measurement Code	X 1 ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	PO404	103	Packaging Code	X 1 AN 3/5
			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	
Not Used	PO405	187	Weight Qualifier	O 1 ID 1/2
			Code defining the type of weight	
Not Used	PO406	384	Gross Weight per Pack	X 1 R 1/9
			Numeric value of gross weight per pack	
Not Used	PO407	355	Unit or Basis for Measurement Code	X 1 ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	PO408	385	Gross Volume per Pack	X 1 R 1/9
			Numeric value of gross volume per pack	
Not Used	PO409	355	Unit or Basis for Measurement Code	X 1 ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	PO410	82	Length	X 1 R 1/8
			Largest horizontal dimension of an object measured when the object is in the upright position	
Not Used	PO411	189	Width	X 1 R 1/8
			Shorter measurement of the two horizontal dimensions measured with the object in the upright position	
Not Used	PO412	65	Height	X 1 R 1/8
			Vertical dimension of an object measured when the object is in the upright position	
Not Used	PO413	355	Unit or Basis for Measurement Code	X 1 ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
	PO414	810	Inner Pack	O 1 N0 1/6
			The number of eaches per inner container	

Segment: **PKG** Marking, Packaging, Loading
Position: 1000
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To describe marking, packaging, loading, and unloading requirements
Syntax Notes:

- 1 At least one of PKG04 PKG05 or PKG06 is required.
- 2 If PKG04 is present, then PKG03 is required.
- 3 If PKG05 is present, then PKG01 is required.

Semantic Notes:

- 1 PKG04 should be used for industry-specific packaging description codes.

Comments:

- 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
- 2 If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.
- 3 Use PKG03 to indicate the organization that publishes the code list being referred to.
- 4 Special marking or tagging data can be given in PKG05 (description).

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PKG01	349	Item Description Type Code indicating the format of a description S Structured (From Industry Code List)	X 1 ID 1/1
PKG02	753	Packaging Characteristic Code Code specifying the marking, packaging, loading and related characteristics being described 34 Product Marking	O 1 ID 1/5
PKG03	559	Agency Qualifier Code Code identifying the agency assigning the code values VI Voluntary Inter-Industry Commerce Standard (VICS) EDI	X 1 ID 2/2
PKG04	754	Packaging Description Code A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product	X 1 AN 1/7

Segment: **TD1** Carrier Details (Quantity and Weight)
Position: 1100
Loop: HL Mandatory
Level: Detail
Usage: Optional
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.

Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
TD101	103	Packaging Code 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 CTN Carton PLT Pallet 71 Not Otherwise Specified	O 1 AN 3/5
TD102	80	Lading Quantity Number of units (pieces) of the lading commodity	X 1 N0 1/7
Not Used	TD103	23 Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code	O 1 ID 1/1
Not Used	TD104	22 Commodity Code Code describing a commodity or group of commodities	X 1 AN 1/30
Not Used	TD105	79 Lading Description Description of an item as required for rating and billing purposes	O 1 AN 1/50
TD106	187	Weight Qualifier Code defining the type of weight G Gross Weight	O 1 ID 1/2
TD107	81	Weight Numeric value of weight	X 1 R 1/10
TD108	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken LB Pound	X 1 ID 2/2

Segment: **CTT** Transaction Totals
Position: 0100
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes:
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items Total number of line items in the transaction set The number of HL segments present in the transaction. SE/ST	M 1 N0 1/6
	CTT02	347	Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.	O 1 R 1/10

Example:

```

-.0018 First occurrence of value being hashed.
.18 Second occurrence of value being hashed.
1.8 Third occurrence of value being hashed.
18.01 Fourth occurrence of value being hashed.
-----
1855 Hash Total
  
```

Segment: **SE** Transaction Set Trailer
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M 1 N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9

Segment: **GE** Functional Group Trailer
Position: 0210
Loop:
Level: Summary
Usage: Optional (**Must Use**)
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	GE01	97	Number of Transaction Sets Included Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M 1 N0 1/6
M	GE02	28	Group Control Number Assigned number originated and maintained by the sender	M 1 N0 1/9

Segment: **IEA** Interchange Control Trailer
Position: 0220
Loop:
Level: Summary
Usage: Optional (**Must Use**)
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	IEA01	I16	Number of Included Functional Groups A count of the number of functional groups included in an interchange	M 1 N0 1/5
M	IEA02	I12	Interchange Control Number A control number assigned by the interchange sender	M 1 N0 9/9