



ecUtopia Retailer Implementation Guidelines

Version 4010 X12 2.4

Revisions from Last Specifications:

All loops and segments MUST be sent in the same order as they are displayed in the specifications.

2.4 Revisions:

855-

BAK01 – “08” code added.

2.3 Revisions:

850-

N1 – page added to the PO1 loop. Segment is optional.

2.2 Revisions:

864-

MIT02 – changed to Mandatory

810-

BIG03 & BIG04 – changed to mandatory.

REF*IA – given it’s own page. REF02 changed to mandatory.

REF*BM – given it’s own page. REF02 changed to mandatory.

N1 RI loop and ST loop – put on separate pages. The ST loop must come first and the RI loop must come second.

N3 & N4 – changed to mandatory.

DTM02 – changed to mandatory.

IT1 – segment changed to mandatory.

856-

REF*IA – moved to order level.

DTM – changed to mandatory.

N1 SF loop and ST loop – put on separate pages. The ST loop must come first and the SF loop must come second.

N401, N402, & N403 – changed to mandatory.

LIN – qualifiers for SKU (SK), VSN (VN), and UPC (UP) now have mandatory positions.

PACK Level – changed to conditional.

CTT – changed to mandatory.

855-

REF – changed to mandatory.

PO101 through PO109 – changed to mandatory.

ACK02, ACK03, ACK04, & ACK05 – changed to mandatory.

CTT – changed to mandatory.



850 Purchase Order

Version 4010 X12

BEG Beginning Segment for Purchase Order

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

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BEG01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		CodeList Summary (Total Codes: 65, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		00		Original		
BEG02	92	Purchase Order Type Code	M	ID	2/2	Must use
		Description: Code specifying the type of Purchase Order				
		CodeList Summary (Total Codes: 69, Included: 4)				
		<u>Code</u>		<u>Name</u>		
		CN		Container Order		
		DS		Dropship		
		OS		Special Order		
		SA		Standard-Order		
		ZZ		Mutually Defined		
BEG03	324	Purchase Order Number	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
BEG05	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				

REF Reference Identification

Pos: 050	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

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

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 2)

<u>Code</u>	<u>Name</u>
IA	Internal Vendor Number

REF02	127	Reference Identification	x	AN	1/30	Used
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

ITD Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify terms of sale

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD01	336	Terms Type Code	0	ID	2/2	Used
Description: Code identifying type of payment terms						
CodeList Summary (Total Codes: 65, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		01		Basic		
ITD12	352	Description	0	AN	1/80	Used
Description: A free-form description to clarify the related data elements and their content						

DTM Date/Time Reference

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

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

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

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

<u>Code</u>	<u>Name</u>
001	Cancel After
002	Delivery Requested
010	Requested Ship

DTM02	373	Date	X	DT	8/8	Used
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Description: Date expressed as CCYYMMDD

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 240	Max: 12
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD504	91	Transportation Method/Type Code	C	ID	1/2	Used

Description: Code specifying the method or type of transportation for the shipment

CodeList Summary (Total Codes: 71, Included: 4)

<u>Code</u>	<u>Name</u>
A	Air
M	Motor (Common Carrier)
U	Private Parcel Service
LT	Less Than Trailer Load (LTL)

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

TD512	284	Service Level Code	C	ID	2/2	Used
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Description: Code indicating the level of transportation service or the billing service offered by the transportation carrier

CodeList Summary (Total Codes: 66, Included: 3)

<u>Code</u>	<u>Name</u>
ND	Next Day Air
SE	Second Day
SG	Standard Ground

N9

Reference Identification

Pos: 295	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		L1		Letters or Notes		
N902	127	Reference Identification	X	AN	1/30	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

MSG Message Text

Pos: 300	Max: 1000
Heading - Optional	
Loop: N9	Elements: 1

User Option (Usage): Used

Purpose: To provide a free-form format that allows the transmission of text information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MSG01	933	Free-Form Message Text	M	AN	1/264	Must use

Description: Free-form message text

N1

Name

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

User Option (Usage): Used

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

Element Summary:

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

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

CodeList Summary (Total Codes: 1312, Included: 5)

<u>Code</u>	<u>Name</u>
BT	Bill-to-Party
ST	Ship To

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

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

CodeList Summary (Total Codes: 215, Included: 1)

<u>Code</u>	<u>Name</u>
92	Assigned by Buyer or Buyer's Agent

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

N3

Address Information

Pos: 330	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	0	AN	1/55	Used
		Description: Address information				

N4

Geographic Location

Pos: 340	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	0	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	0	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	0	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	0	ID	2/3	Used
		Description: Code identifying the country				

PER Administrative Communications Contact

Pos: 360	Max: >1
Heading - Optional	
Loop: N1	Elements: 8

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	Contact Function Code	C	ID	2/2	Used
Description: Code identifying the major duty or responsibility of the person or group named						
CodeList Summary (Total Codes: 230, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		CN		General Contact		
PER02	93	Name	C	AN	1/60	Used
Description: Free-form name						
PER03	365	Communication Number Qualifier	C	ID	2/2	Used
Description: Code identifying the type of communication number						
CodeList Summary (Total Codes: 40, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		TE		Telephone		
PER04	364	Communication Number	C	AN	1/80	Used
Description: Complete communications number including country or area code when applicable						
PER05	365	Communication Number Qualifier	C	ID	2/2	Used
Description: Code identifying the type of communication number						
CodeList Summary (Total Codes: 40, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		EM		Electronic Mail		
PER06	364	Communication Number	C	AN	1/80	Used
Description: Complete communications number including country or area code when applicable						
PER07	365	Communication Number Qualifier	C	ID	2/2	Used
Description: Code identifying the type of communication number						
CodeList Summary (Total Codes: 40, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		FX		Facsimile		
PER08	364	Communication Number	C	AN	1/80	Used
Description: Complete communications number including country or area code when applicable						

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 10

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO101	350	Assigned Identification	O	AN	1/20	Used
Description: Alphanumeric characters assigned for differentiation within a transaction set						
PO102	330	Quantity Ordered	X	R	1/15	Used
Description: Quantity ordered						
PO103	355	Unit or Basis for Measurement Code	O	ID	2/2	Used
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
CodeList Summary (Total Codes: 794, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		EA	Each			
PO104	212	Unit Price	X	R	1/17	Used
Description: Price per unit of product, service, commodity, etc.						
PO106	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
CodeList Summary (Total Codes: 477, Included: 3)						
		<u>Code</u>	<u>Name</u>			
		SK	Stock Keeping Unit (SKU)			
		UP	U.P.C. Consumer Package Code (1-5-5-1)			
		VN	Vendor's (Seller's) Item Number			
PO107	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
PO108	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
CodeList Summary (Total Codes: 477, Included: 3)						
		<u>Code</u>	<u>Name</u>			
		SK	Stock Keeping Unit (SKU)			
		UP	U.P.C. Consumer Package Code (1-5-5-1)			
		VN	Vendor's (Seller's) Item Number			
PO109	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
PO110	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						

PID Product/Item Description

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

User Option (Usage): Used

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

Element Summary:

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

Description: Code indicating the format of a description

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

<u>Code</u>	<u>Name</u>
F	Free-form

PID05	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

MAN Marks and Numbers

Pos: 280	Max: 1000
Detail - Optional	
Loop: PO1	Elements: 2

User Option (Usage): Used

Purpose: To indicate identifying marks and numbers for shipping containers

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MAN01	88	Marks and Numbers Qualifier	M	ID	1/2	Must use

Description: Code specifying the application or source of Marks and Numbers (87)

CodeList Summary (Total Codes: 20, Included: 1)

<u>Code</u>	<u>Name</u>
GM	SSCC-18 and Application Identifier

MAN02	87	Marks and Numbers	M	AN	1/48	Must use
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Description: Marks and numbers used to identify a shipment or parts of a shipment

N1

Name

Pos: 350	Max: 1
Detail - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	0	ID	2/3	Used
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1312, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		SO		Retailer's Customer Information		
N102	93	Name	0	AN	1/60	Must use
Description: Free-form name						
N103	66	Identification Code Qualifier	0	ID	1/2	Used
Description: Code designating the system/method of code structure used for Identification Code (67)						
CodeList Summary (Total Codes: 215, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		92		Assigned by Buyer or Buyer's Agent		
N104	67	Identification Code	0	AN	2/80	Used
Description: Code identifying a party or other code						

The N1*SO will contain the retailer's customer information. If populated, this information should be included in any label requirement. If the N104 is populated, it will contain the customer's sales order.

CTT Transaction Totals

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

User Option (Usage): Used

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

Element Summary:

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

Description: Total number of line items in the transaction set

SE

Transaction Set Trailer

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

User Option (Usage): Must use

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

Element Summary:

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



855 PO Acknowledgement

Version 4010 X12

ST Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

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

BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BAK01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		CodeList Summary (Total Codes: 65, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		00		Original		
		08		Status		
BAK02	587	Acknowledgment Type	M	ID	2/2	Must use
		Description: Code specifying the type of acknowledgment				
		CodeList Summary (Total Codes: 15, Included: 2)				
		<u>Code</u>		<u>Name</u>		
		AC		Acknowledge - With Detail and Change		
		AD		Acknowledge - With Detail, No Change		
BAK03	324	Purchase Order Number	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
BAK04	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				
BAK08	127	Reference Identification	M	AN	1/30	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
BAK09	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				

REF Reference Identification

Pos: 050	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		IA		Internal Vendor Number		
REF02	127	Reference Identification	M	AN	1/30	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

The REF02 MUST match the REF02 sent in the 850.

N9

Reference Identification

Pos: 280	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		L1		Letters or Notes		
N902	127	Reference Identification	M	AN	1/30	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

MSG Message Text

Pos: 290	Max: 1000
Heading - Optional	
Loop: N9	Elements: 1

User Option (Usage): Used

Purpose: To provide a free-form format that allows the transmission of text information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MSG01	933	Free-Form Message Text	M	AN	1/264	Must use

Description: Free-form message text

If the N9 segment exists, then the MSG segment is mandatory.

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 10

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO101	350	Assigned Identification	M	AN	1/20	Must Use
Description: Alphanumeric characters assigned for differentiation within a transaction set						
PO102	330	Quantity Ordered	M	R	1/15	Must Use
Description: Quantity ordered						
PO103	355	Unit or Basis for Measurement Code	M	ID	2/2	Must Use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
CodeList Summary (Total Codes: 794, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		EA		Each		
PO104	212	Unit Price	M	R	1/17	Must Use
Description: Price per unit of product, service, commodity, etc.						
PO106	235	Product/Service ID Qualifier	M	ID	2/2	Must Use
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
CodeList Summary (Total Codes: 477, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		SK		Stock Keeping Unit (SKU)		
PO107	234	Product/Service ID	M	AN	1/48	Must Use
Description: Identifying number for a product or service						
PO108	235	Product/Service ID Qualifier	M	ID	2/2	Must Use
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
CodeList Summary (Total Codes: 477, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		VN		Vendor's (Seller's) Item Number		
PO109	234	Product/Service ID	M	AN	1/48	Must Use
Description: Identifying number for a product or service						
PO110	235	Product/Service ID Qualifier	O	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
CodeList Summary (Total Codes: 477, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		UP		U.P.C. Consumer Package Code (1-5-5-1)		
PO111	234	Product/Service ID	O	AN	1/48	Used
Description: Identifying number for a product or service						

**PO101 MUST match the PO101 sent in the 850.
PO102 MUST match the PO102 sent in the 850.**

ACK Line Item Acknowledgment

Detail - Mandatory	
Pos: 270	Max: 1
Loop: ACK	Elements: 5

User Option (Usage): Used

Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ACK01	668	Line Item Status Code	M	ID	2/2	Must use
Description: Code specifying the action taken by the seller on a line item requested by the buyer						
CodeList Summary (Total Codes: 26, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		IA		Item Accepted		
		IB		Item Backordered		
		ID		Item Deleted		
		IR		Item Rejected		
ACK02	380	Quantity	M	R	1/15	Must use
Description: Quantity being acknowledged						
ACK03	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
CodeList Summary (Total Codes: 794, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		EA		Each		
ACK04	374	Date/Time Qualifier	M	ID	3/3	Must use
Description: Code specifying type of date or time, or both date and time						
CodeList Summary (Total Codes: 1112, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		010		Requested Ship		
ACK05	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						

**The ACK02 is the actual quantity that is being acknowledged on the order.
 If the ACK02 matches the PO102, then the ACK01 must contain IA.
 If the ACK02 is less than the PO102, but not equal to 0 then the ACK01 must contain IB.
 If the ACK02 is equal to 0, then the ACK01 must contain ID or IR.**

N9

Reference Identification

Pos: 350	Max: 1
Detail - Optional	
Loop: N9	Elements: 2

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		L1		Letters or Notes		
N902	127	Reference Identification	M	AN	1/30	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

MSG Message Text

Pos: 360	Max: 1000
Detail - Optional	
Loop: N9	Elements: 1

User Option (Usage): Used

Purpose: To provide a free-form format that allows the transmission of text information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MSG01	933	Free-Form Message Text	M	AN	1/264	Must use

Description: Free-form message text

If the N9 segment exists, then the MSG segment is mandatory.

CTT Transaction Totals

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

User Option (Usage): Used

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

Element Summary:

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

Description: Total number of line items in the transaction set

SE

Transaction Set Trailer

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

User Option (Usage): Must use

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

Element Summary:

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



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856 Ship Notice / Manifest

Version 4010 X12

ST

Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

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

BSN Beginning Segment for Ship Notice

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

User Option (Usage): Must use

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BSN01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
Description: Code identifying purpose of transaction set						
CodeList Summary (Total Codes: 65, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		00		Original		
BSN02	396	Shipment Identification	M	AN	2/30	Must use
Description: A unique control number assigned by the original shipper to identify a specific shipment						
BSN03	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						
BSN04	337	Time	M	TM	4/8	Must use
Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)						
BSN05	1005	Hierarchical Structure Code	O	ID	4/4	Used
Description: Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set						

The BSN02 must contain a unique ASN number.

HL

Hierarchical Level

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure						
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
Description: Code defining the characteristic of a level in a hierarchical structure						
CodeList Summary (Total Codes: 170, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		S	Shipment			

TD1 Carrier Details (Quantity and Weight)

Pos: 110	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 7

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD101	103	Packaging Code	M	AN	3/5	Used
Description: Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required						
CodeList Summary						
		<u>Code</u>	<u>Name</u>			
		CTN25	Carton			
TD102	80	Lading Quantity	M	N0	1/7	Used
Description: Number of units (pieces) of the lading commodity						
TD106	187	Weight Qualifier	M	ID	1/2	Used
Description: Code defining the type of weight						
CodeList Summary (Total Codes: 51, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		G	Gross Weight			
TD107	81	Weight	M	R	1/10	Used
Description: Numeric value of weight						
TD108	355	Unit or Basis for Measurement Code	M	ID	2/2	Used
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
CodeList Summary (Total Codes: 794, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		LB	Pound			
TD109	183	Volume	O	R	1/8	Used
Description: Value of volumetric measure						
TD110	355	Unit or Basis for Measurement Code	O	ID	2/2	Used
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
CodeList Summary (Total Codes: 794, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		CF	Cubic Feet			

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 120	Max: 12
Detail - Mandatory	
Loop: HL	Elements: 5

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD501	133	Routing Sequence Code	M	ID	1/2	Must use
Description: Code describing the relationship of a carrier to a specific shipment movement						
CodeList Summary (Total Codes: 23, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		O		Origin Carrier (Air, Motor, or Ocean)		
TD502	66	Identification Code Qualifier	M	ID	1/2	Must use
Description: Code designating the system/method of code structure used for Identification Code (67)						
CodeList Summary (Total Codes: 215, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		2		Standard Carrier Alpha Code (SCAC)		
TD503	67	Identification Code	M	AN	2/80	Must use
Description: Code identifying a party or other code						
TD504	91	Transportation Method/Type Code	M	ID	1/2	Must use
Description: Code specifying the method or type of transportation for the shipment						
CodeList Summary (Total Codes: 71, Included: 4)						
		<u>Code</u>		<u>Name</u>		
		A		Air		
		M		Motor (Common Carrier)		
		O		Containerized Ocean		
		U		Private Parcel Service		
TD505	387	Routing	M	AN	1/35	Must use
Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity						

REF Reference Identification

Pos: 150	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		BM		Bill of Lading Number		
REF02	127	Reference Identification	M	AN	1/30	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

Note: REF02 MUST contain the bill of lading number.

DTM Date/Time Reference

Pos: 200	Max: 10
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

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

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

<u>Code</u>	<u>Name</u>
011	Shipped

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

DTM02 must contain the shipped date in the format YYYYMMDD.

FOB F.O.B. Related Instructions

Detail		Optional	
Pos: 210			Max: 1
Loop: HL			Elements: 1

User Option (Usage): Used

Purpose: To specify transportation instructions relating to shipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FOB01	146	Shipment Method of Payment	0	ID	2/2	Used

Description: Code identifying payment terms for transportation charges

CodeList Summary (Total Codes: 28, Included: 2)

<u>Code</u>	<u>Name</u>
CC	Collect
PP	Prepaid (by Seller)

N1

Name

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

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1312, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		ST		Ship To		
N102	93	Name	M	AN	1/60	Must use
Description: Free-form name						
N103	66	Identification Code Qualifier	x	ID	1/2	Conditional
Description: Code designating the system/method of code structure used for Identification Code (67)						
CodeList Summary (Total Codes: 215, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		92		Assigned by Buyer or Buyer's Agent		
N104	67	Identification Code	x	AN	2/80	Conditional
Description: Code identifying a party or other code						

Note: If the N103 & N104 are passed on the 850, then the N103 and N104 are MANDATORY.

The Ship To N1 segment must match the Ship To N1 segment sent on the 850.

N3 Address Information

Pos: 240	Max: 1
Detail - Mandatory	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	0	AN	1/55	Used
		Description: Address information				

Note: The Ship To N3 segment must match the Ship To N3 segment sent on the 850.

N4

Geographic Location

Pos: 250	Max: 1
Detail - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	M	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	State or Province Code	M	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	M	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	0	ID	2/3	Used
		Description: Code identifying the country				

Note: The Ship To N4 segment must match the Ship To N4 segment sent on the 850.

N1

Name

Pos: 220	Max: 1
Detail - Mandatory	
Loop: N1	Elements: 2

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1312, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		SF		Ship From		
N102	93	Name	M	AN	1/60	Must use
Description: Free-form name						

N102 must contain the name of the Ship From location.

N3 Address Information

Pos: 240	Max: 1
Detail - Mandatory	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	0	AN	1/55	Used
		Description: Address information				

N301 must contain the Ship From address.

N4

Geographic Location

Pos: 250	Max: 1
Detail - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	M	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	State or Province Code	M	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	M	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	0	ID	2/3	Used
		Description: Code identifying the country				

N401 must contain the Ship From city.

N402 must contain the Ship From state or providence code.

N403 must contain the Ship From postal code.

HL

Hierarchical Level

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure						
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
Description: Code defining the characteristic of a level in a hierarchical structure						
CodeList Summary (Total Codes: 170, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		O	Order			

PRF Purchase Order Reference

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

User Option (Usage): Used

Purpose: To provide reference to a specific purchase order

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PRF01	324	Purchase Order Number	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
PRF04	373	Date	0	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				

PRF01 must contain the PO number being shipped.

REF Reference Identification

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

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		IA		Internal Vendor Number		
REF02	127	Reference Identification	M	AN	1/30	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

Note: REF02 MUST match the REF02 sent in the 850.

HL

Hierarchical Level

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure						
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
Description: Code defining the characteristic of a level in a hierarchical structure						
CodeList Summary (Total Codes: 170, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		I	Item			

LIN Item Identification

Pos: 020	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 7

User Option (Usage): Used

Purpose: To specify basic item identification data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN01	350	Assigned Identification	M	AN	1/20	Must use
Description: Alphanumeric characters assigned for differentiation within a transaction set						
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
CodeList Summary (Total Codes: 477, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		SK		Stock Keeping Unit (SKU)		
LIN03	234	Product/Service ID	M	AN	1/48	Must use
Description: Identifying number for a product or service						
LIN04	235	Product/Service ID Qualifier	M	ID	2/2	Must use
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
CodeList Summary (Total Codes: 477, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		VN		Vendor's (Seller's) Item Number		
LIN05	234	Product/Service ID	M	AN	1/48	Must use
Description: Identifying number for a product or service						
LIN06	235	Product/Service ID Qualifier	X	ID	2/2	Conditional
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
CodeList Summary (Total Codes: 477, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		UP		U.P.C. Consumer Package Code (1-5-5-1)		
LIN07	234	Product/Service ID	X	AN	1/48	Conditional
Description: Identifying number for a product or service						

LIN01 must match the PO101 sent in the 850.

LIN03 must match the SKU sent in the 850.

SN1 Item Detail (Shipment)

Pos: 030	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Used

Purpose: To specify line-item detail relative to shipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SN102	382	Number of Units Shipped	M	R	1/10	Must use
Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set						
SN103	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
CodeList Summary (Total Codes: 794, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		EA	Each			

SN102 must contain the quantity of the item on the shipment.

HL

Hierarchical Level

Pos: 010	Max: 1
Detail - Conditional	
Loop: HL	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	C	AN	1/12	Conditional
Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure						
HL03	735	Hierarchical Level Code	C	ID	1/2	Conditional
Description: Code defining the characteristic of a level in a hierarchical structure						
CodeList Summary (Total Codes: 170, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		P	Pack			

MAN Marks and Numbers

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

User Option (Usage): Used

Purpose: To indicate identifying marks and numbers for shipping containers

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MAN01	88	Marks and Numbers Qualifier	C	ID	1/2	Conditional

Description: Code specifying the application or source of Marks and Numbers (87)

CodeList Summary (Total Codes: 20, Included: 1)

<u>Code</u>	<u>Name</u>
GM	SSCC-18 and Application Identifier

MAN02	87	Marks and Numbers	C	AN	1/48	Conditional
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Description: Marks and numbers used to identify a shipment or parts of a shipment

MAN02 must contain the unique SSCC-18 barcode for that item.

The MAN segments should equal the quantity for that item. For example, if the SN102 = 5, then there should be 5 MAN segments for that item.

CTT Transaction Totals

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

User Option (Usage): Used

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

Element Summary:

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

Description: Total number of line items in the transaction set

SE

Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

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



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810 Invoice

Version 4010 X12

ST

Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

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

BIG Beginning Segment for Invoice

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

User Option (Usage): Must use

Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BIG01	373	Invoice Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				
BIG02	76	Invoice Number	M	AN	1/22	Must use
		Description: Identifying number assigned by issuer				
BIG03	373	Purchase Order Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				
BIG04	324	Purchase Order Number	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				

REF Reference Identification

Pos: 050	Max: 12
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		IA		Internal Vendor Number		
REF02	127	Reference Identification	M	AN	1/30	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

REF02 must match the REF02 sent in the REF*IA in the 850.

REF Reference Identification

Pos: 050	Max: 12
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		BM		Bill of Lading Number		
REF02	127	Reference Identification	M	AN	1/30	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

Bill of lading number on the invoice MUST match the bill of lading number on the ASN.

N1

Name

Pos: 070	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1312, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		ST		Ship To		
N102	93	Name	M	AN	1/60	Must use
Description: Free-form name						
N103	66	Identification Code Qualifier	x	ID	1/2	Used
Description: Code designating the system/method of code structure used for Identification Code (67)						
CodeList Summary (Total Codes: 215, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		92		Assigned by Buyer or Buyer's Agent		
N104	67	Identification Code	x	AN	2/80	Used
Description: Code identifying a party or other code						

If the N103 and N104 exist on the 850, then the N103 and N104 are mandatory and must match.

N3

Address Information

Pos: 090	Max: 2
Heading - Mandatory	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	0	AN	1/55	Used
		Description: Address information				

N4

Geographic Location

Pos: 100	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	M	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	State or Province Code	M	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	M	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	0	ID	2/3	Used
		Description: Code identifying the country				

N1

Name

Pos: 070	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1312, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		RI		Remit To		
N102	93	Name	M	AN	1/60	Must use
Description: Free-form name						
N103	66	Identification Code Qualifier	0	ID	1/2	Used
Description: Code designating the system/method of code structure used for Identification Code (67)						
CodeList Summary (Total Codes: 215, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		92		Assigned by Buyer or Buyer's Agent		
N104	67	Identification Code	0	AN	2/80	Used
Description: Code identifying a party or other code						

N3

Address Information

Pos: 090	Max: 2
Heading - Mandatory	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	0	AN	1/55	Used
		Description: Address information				

N4

Geographic Location

Pos: 100	Max: 1
Heading – Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	M	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	State or Province Code	M	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	M	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	0	ID	2/3	Used
		Description: Code identifying the country				

ITD Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Optional	
Loop: N/A	Elements: 9

User Option (Usage): Used

Purpose: To specify terms of sale

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD01	336	Terms Type Code	M	ID	2/2	Must use
		Description: Code identifying type of payment terms				
		CodeList Summary (Total Codes: 65, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		01		Basic		
ITD02	333	Terms Basis Date Code	M	ID	1/2	Must use
		Description: Code identifying the beginning of the terms period				
		CodeList Summary (Total Codes: 17, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		3		Invoice Date		
ITD03	338	Terms Discount Percent	0	R	1/6	Used
		Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date				
ITD04	370	Terms Discount Due Date	X	DT	8/8	Used
		Description: Date payment is due if discount is to be earned expressed in format CCYYMMDD				
ITD05	351	Terms Discount Days Due	X	N0	1/3	Used
		Description: Number of days in the terms discount period by which payment is due if terms discount is earned				
ITD06	446	Terms Net Due Date	M	DT	8/8	Must use
		Description: Date when total invoice amount becomes due expressed in format CCYYMMDD				
ITD07	386	Terms Net Days	M	N0	1/3	Must use
		Description: Number of days until total invoice amount is due (discount not applicable)				
ITD08	362	Terms Discount Amount	X	N2	1/10	Used
		Description: Total amount of terms discount				
ITD12	352	Description	M	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				

If the ITD03 exists, then the ITD04, ITD05, and ITD08 are mandatory.

DTM Date/Time Reference

Pos: 140	Max: 10
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

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

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

<u>Code</u>	<u>Name</u>
011	Shipped

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

IT1 Baseline Item Data (Invoice)

Detail - Mandatory	
Pos: 010	Max: 1
Loop: IT1	Elements: 10

User Option (Usage): Used

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT101	350	Assigned Identification	M	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
IT102	358	Quantity Invoiced	M	R	1/10	Must use
		Description: Number of units invoiced (supplier units)				
IT103	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		CodeList Summary (Total Codes: 794, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		EA		Each		
IT104	212	Unit Price	M	R	1/17	Must use
		Description: Price per unit of product, service, commodity, etc.				
IT106	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 477, Included: 3)				
		<u>Code</u>		<u>Name</u>		
		SK		Stock Keeping Unit (SKU)		
IT107	234	Product/Service ID	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
IT108	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 477, Included: 3)				
		<u>Code</u>		<u>Name</u>		
		VN		Vendor's (Seller's) Item Number		
IT109	234	Product/Service ID	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
IT110	235	Product/Service ID Qualifier	O	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 477, Included: 3)				
		<u>Code</u>		<u>Name</u>		
		UP		U.P.C. Consumer Package Code (1-5-5-1)		
IT111	234	Product/Service ID	O	AN	1/48	Used
		Description: Identifying number for a product or service				

IT101 MUST match the PO101 in the 850.

PID Product/Item Description

Pos: 060	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

User Option (Usage): Used

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

Element Summary:

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

Description: Code indicating the format of a description

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

<u>Code</u>	<u>Name</u>
F	Free-form

PID05	352	Description	M	AN	1/80	Must use
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Description: A free-form description to clarify the related data elements and their content

TDS Total Monetary Value Summary

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

User Option (Usage): Must use

Purpose: To specify the total invoice discounts and amounts

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDS01	610	Amount	M	N2	1/15	Must use

Description: Monetary amount

TDS01 is an implied decimal field. The last 2 digits will be recognized as decimals.

SAC Service, Promotion, Allowance, or Charge Information

Pos: 040	Max: 1
Summary - Optional	
Loop: SAC	Elements: 6

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use
		Description: Code which indicates an allowance or charge for the service specified				
		CodeList Summary (Total Codes: 7, Included: 2)				
		<u>Code</u>		<u>Name</u>		
		A		Allowance		
		C		Charge		
SAC02	1300	Service, Promotion, Allowance, or Charge Code	M	ID	4/4	Must use
		Description: Code identifying the service, promotion, allowance, or charge				
SAC05	610	Amount	M	N2	1/15	Must use
		Description: Monetary amount				
SAC06	378	Allowance/Charge Percent Qualifier	O	ID	1/1	Used
		Description: Code indicating on what basis allowance or charge percent is calculated				
SAC07	332	Percent	O	R	1/6	Used
		Description: Percent expressed as a percent				
SAC15	352	Description	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

CTT Transaction Totals

Pos: 070	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 1

User Option (Usage): Used

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

Element Summary:

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

Description: Total number of line items in the transaction set

SE

Transaction Set Trailer

Pos: 080	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

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



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860 Purchase Order Change

Version 4010 X12

860 Purchase Order Change Request - Buyer Initiated

Functional Group=PC

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Request - Buyer Initiated Transaction Set (860) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the information required for the customary and established business and industry practice relative to a purchase order change. This transaction can be used: (1) by a buyer to request a change to a previously submitted purchase order or (2) by a buyer to confirm acceptance of a purchase order change initiated by the seller or by mutual agreement of the two parties.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BCH	Beginning Segment for Purchase Order Change	M	1			Must use
050	REF	Reference Identification	O	>1			Used
LOOP ID - N9					1000		
285	N9	Reference Identification	O	1			Used
290	MSG	Message Text	O	1000			Used
LOOP ID - N1					200		
300	N1	Name	O	1			Used
320	N3	Address Information	O	2			Used
330	N4	Geographic Location	O	>1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - POC					>1		
010	POC	Line Item Change	O	1			Used
LOOP ID - PID					1000		
050	PID	Product/Item Description	O	1			Used
200	DTM	Date/Time Reference	O	10			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					1	N3/010L	
010	CTT	Transaction Totals	O	1		N3/010	Used
030	SE	Transaction Set Trailer	M	1			Must use

Notes:

- 3/010L Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.
- 3/010 Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

ST

Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

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

Semantics:

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

BCH Beginning Segment for Purchase Order Change

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

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BCH01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		CodeList Summary (Total Codes: 65, Included: 2)				
		<u>Code</u>		<u>Name</u>		
		01		Cancel		
		04		Change		
BCH02	92	Purchase Order Type Code	M	ID	2/2	Must use
		Description: Code specifying the type of Purchase Order				
		CodeList Summary (Total Codes: 69, Included: 4)				
		<u>Code</u>		<u>Name</u>		
		CN		Consigned Order		
		DS		Dropship		
		OS		Special Order		
		SA		Stand-alone Order		
BCH03	324	Purchase Order Number	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
BCH06	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				
BCH11	373	Date	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				

REF Reference Identification

Pos: 050	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		IA		Internal Vendor Number		
REF02	127	Reference Identification	x	AN	1/30	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

N9

Reference Identification

Pos: 285	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		L1	Letters or Notes			
N902	127	Reference Identification	X	AN	1/30	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

MSG Message Text

Pos: 290	Max: 1000
Heading - Optional	
Loop: N9	Elements: 1

User Option (Usage): Used

Purpose: To provide a free-form format that allows the transmission of text information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MSG01	933	Free-Form Message Text	M	AN	1/264	Must use

Description: Free-form message text

N1

Name

Pos: 300	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

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

Element Summary:

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

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

CodeList Summary (Total Codes: 1312, Included: 5)

<u>Code</u>	<u>Name</u>
BT	Bill-to-Party
ST	Ship To

N102	93	Name	x	AN	1/60	Used
------	----	-------------	---	----	------	------

Description: Free-form name

N103	66	Identification Code Qualifier	x	ID	1/2	Used
------	----	--------------------------------------	---	----	-----	------

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

CodeList Summary (Total Codes: 215, Included: 1)

<u>Code</u>	<u>Name</u>
92	Assigned by Buyer or Buyer's Agent

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

Description: Code identifying a party or other code

N3

Address Information

Pos: 320	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	0	AN	1/55	Used
		Description: Address information				

N4

Geographic Location

Pos: 330	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	0	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	0	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	0	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	0	ID	2/3	Used
		Description: Code identifying the country				

POC Line Item Change

Pos: 010	Max: 1
Detail - Mandatory	
Loop: POC	Elements: 12

User Option (Usage): Must use

Purpose: To specify changes to a line item

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
POC01	350	Assigned Identification	O	AN	1/20	Used

Description: Alphanumeric characters assigned for differentiation within a transaction set

POC02	670	Change or Response Type Code	M	ID	2/2	Must use
-------	-----	------------------------------	---	----	-----	----------

Description: Code specifying the type of change to the line item

CodeList Summary (Total Codes: 29, Included: 8)

<u>Code</u>	<u>Name</u>
AI	Add Additional Item(s)
CA	Changes To Line Items
CT	Change of Dates
DI	Delete Item(s)
NC	Concurrent Item (No Change)
PC	Price Change
QD	Quantity Decrease
QI	Quantity Increase

POC03	330	Quantity Ordered	O	R	1/15	Used
-------	-----	------------------	---	---	------	------

Description: Quantity ordered

POC04	671	Quantity Left to Receive	X	R	1/9	Used
-------	-----	--------------------------	---	---	-----	------

Description: Quantity left to receive as qualified by the unit of measure

POC05	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
-------	-----	------------------------------------	---	----	-----	----------

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

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

<u>Code</u>	<u>Name</u>
EA	Each

POC06	212	Unit Price	X	R	1/17	Used
-------	-----	------------	---	---	------	------

Description: Price per unit of product, service, commodity, etc.

POC08	235	Product/Service ID Qualifier	X	ID	2/2	Used
-------	-----	------------------------------	---	----	-----	------

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 3)

<u>Code</u>	<u>Name</u>
SK	Stock Keeping Unit (SKU)
UP	U.P.C. Consumer Package Code (1-5-5-1)
VN	Vendor's (Seller's) Item Number

POC09	234	Product/Service ID	X	AN	1/48	Used
-------	-----	--------------------	---	----	------	------

Description: Identifying number for a product or service

POC10	235	Product/Service ID Qualifier	X	ID	2/2	Used
-------	-----	------------------------------	---	----	-----	------

Description: Code identifying the type/source of the descriptive number used in Product/Service ID

(234)

CodeList Summary (Total Codes: 477, Included: 3)

<u>Code</u>	<u>Name</u>
SK	Stock Keeping Unit (SKU)
UP	U.P.C. Consumer Package Code (1-5-5-1)
VN	Vendor's (Seller's) Item Number

POC11 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

POC12 235 **Product/Service ID Qualifier** X ID 2/2 Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 3)

<u>Code</u>	<u>Name</u>
SK	Stock Keeping Unit (SKU)
UP	U.P.C. Consumer Package Code (1-5-5-1)
VN	Vendor's (Seller's) Item Number

POC13 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

PID Product/Item Description

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

User Option (Usage): Used

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

Element Summary:

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

Description: Code indicating the format of a description

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

<u>Code</u>	<u>Name</u>
F	Free-form

PID05	352	Description	X	AN	1/80	Used
-------	-----	-------------	---	----	------	------

Description: A free-form description to clarify the related data elements and their content

DTM Date/Time Reference

Pos: 200	Max: 10
Detail - Optional	
Loop: POC	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

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

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

<u>Code</u>	<u>Name</u>
002	Delivery Requested
010	Requested Ship

DTM02	373	Date	X	DT	8/8	Used
-------	-----	------	---	----	-----	------

Description: Date expressed as CCYYMMDD

CTT Transaction Totals

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

User Option (Usage): Used

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

Element Summary:

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

Description: Total number of line items in the transaction set

SE

Transaction Set Trailer

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

User Option (Usage): Must use

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

Element Summary:

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



846 Inventory Report

Version 4010 X12

ST

Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

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

BIA Beginning Segment for Inventory Inquiry/Advice

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

User Option (Usage): Must use

Purpose: To indicate the beginning of an Inventory Inquiry/Advice Transaction Set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BIA01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
Description: Code identifying purpose of transaction set						
CodeList Summary (Total Codes: 65, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		00		Original		
BIA02	755	Report Type Code	M	ID	2/2	Must use
Description: Code indicating the title or contents of a document, report or supporting item						
CodeList Summary (Total Codes: 522, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		SI		Seller Inventory Report		
BIA03	127	Reference Identification	M	AN	1/30	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
BIA04	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						

N1

Name

Pos: 080	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1312, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		SU		Supplier/Manufacturer		
N102	93	Name	M	AN	1/60	Must use
Description: Free-form name						
N103	66	Identification Code Qualifier	M	ID	1/2	Must use
Description: Code designating the system/method of code structure used for Identification Code (67)						
CodeList Summary (Total Codes: 215, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		92		Assigned by Buyer or Buyer's Agent		
N104	67	Identification Code	M	AN	2/80	Must use
Description: Code identifying a party or other code						

The N104 must contain your retailer assigned vendor code.

LIN Item Identification

Pos: 010	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 4

User Option (Usage): Must use

Purpose: To specify basic item identification data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 477, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		UP		U.P.C. Consumer Package Code (1-5-5-1)		
LIN03	234	Product/Service ID	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
LIN04	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 477, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		VN		Vendor Model Number		
LIN05	234	Product/Service ID	M	AN	1/48	Must use
		Description: Identifying number for a product or service				

For every LIN segment, there must be an associated QTY and DTM segment.

QTY Quantity

Pos: 320	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 2

User Option (Usage): Must use

Purpose: To specify quantity information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY01	673	Quantity Qualifier	M	ID	2/2	Must use
		Description: Code specifying the type of quantity				
		CodeList Summary (Total Codes: 832, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		17		Quantity on Hand		
QTY02	380	Quantity	M	R	1/15	Must use
		Description: Numeric value of quantity				

DTM Date/Time Reference

Pos: 355	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 2

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

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

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

<u>Code</u>	<u>Name</u>
169	Product Availability Date

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

If the QTY02 = "0" for an item, please send the next available date in the DTM02.

CTT Transaction Totals

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

User Option (Usage): Must use

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

Element Summary:

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

Description: Total number of line items in the transaction set

SE

Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

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



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864 Text Message

Version 4010 X12

ST

Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

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

BMG Beginning Segment For Text Message

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the beginning of a Text Message Transaction Set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BMG01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
Description: Code identifying purpose of transaction set						
CodeList Summary (Total Codes: 65, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		44		Rejection		
BMG02	352	Description	M	AN	1/80	Must use
Description: A free-form description to clarify the related data elements and their content						

The BMG02 must be used to describe the rejection notice. An example description for a rejected 855 would be “PO Acknowledgement Rejection Notice”.

DTM Date/Time Reference

Pos: 030	Max: 10
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

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

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

<u>Code</u>	<u>Name</u>
621	Reported

DTM02	373	Date	M	DT	8/8	Must use
-------	-----	------	---	----	-----	----------

Description: Date expressed as CCYYMMDD

The DTM02 must be the date the rejection notice is being sent.

MIT Message Identification

Detail - Mandatory	
Pos: 010	Max: 1
Loop: MIT	Elements: 2

User Option (Usage): Must use

Purpose: To identify the beginning of a specific message and to allow the identification of a subject for the message

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MIT01	127	Reference Identification	M	AN	1/30	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
MIT02	352	Description	M	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				

**The MIT01 is the original document number.
The MIT02 describes the document type.**

MSG Message Text

Pos: 080	Max: 100000
Detail - Mandatory	
Loop: MIT	Elements: 1

User Option (Usage): Must use

Purpose: To provide a free-form format that allows the transmission of text information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MSG01	933	Free-Form Message Text	M	AN	1/264	Must use

Description: Free-form message text

The MSG01 is the error message.

SE

Transaction Set Trailer

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

User Option (Usage): Must use

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

Element Summary:

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



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832 Price / Sales Catalog

Version 4010 X12

ST

Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set All valid standard codes are used. (Total Codes: 298)				
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

BCT Beginning Segment for Price/Sales Catalog

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

User Option (Usage): Must use

Purpose: To indicate the beginning of the Price/Sales Catalog Transaction Set and specify catalog purpose and number information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BCT01	683	Catalog Purpose Code	M	ID	2/2	Must use
		Description: Code indicating purpose of catalog				
		CodeList Summary (Total Codes: 5, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		SC		Sales Catalog		
BCT02	684	Catalog Number	O	AN	1/15	Used
		Description: Identifying number for catalog or superseded catalog				
BCT03	685	Catalog Version Number	O	AN	1/15	Used
		Description: Identifying version number of catalog or superseded catalog				
BCT09	352	Description	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
BCT10	353	Transaction Set Purpose Code	O	ID	2/2	Used
		Description: Code identifying purpose of transaction set				
		CodeList Summary (Total Codes: 65, Included: 5)				
		<u>Code</u>		<u>Name</u>		
		01		Cancellation		
		02		Add		
		03		Delete		
		04		Change		
		05		Replace		

DTM Date/Time Reference

Pos: 070	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

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

CodeList Summary (Total Codes: 1112, Included: 5)

<u>Code</u>	<u>Name</u>
018	Available
036	Expiration
043	Publication
092	Contract Effective
177	Cancellation

DTM02	373	Date	M	DT	8/8	Used
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Description: Date expressed as CCYYMMDD

CUR Currency

Pos: 090	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1312, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		SE		Selling Party		
CUR02	100	Currency Code	M	ID	3/3	Must use
Description: Code (Standard ISO) for country in whose currency the charges are specified						

N1

Name

Pos: 150	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1312, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		CT		Country of Origin		
		SF		Ship From		
		VN		Vendor		
N102	93	Name	x	AN	1/60	Used
Description: Free-form name						
N103	66	Identification Code Qualifier	x	ID	1/2	Used
Description: Code designating the system/method of code structure used for Identification Code (67)						
CodeList Summary (Total Codes: 215, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		38		Country Code		
		91		Assigned by Seller or Seller's Agent		
N104	67	Identification Code	X	AN	2/80	Used
Description: Code identifying a party or other code						

LIN Item Identification

Pos: 010	Max: 1
Detail - Optional	
Loop: LIN	Elements: 11

User Option (Usage): Used

Purpose: To specify basic item identification data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN01	350	Assigned Identification	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 477, Included: 2)				
		<u>Code</u>		<u>Name</u>		
		VC		Vendor's (Seller's) Catalog Number		
		VN		Vendor's (Seller's) Item Number		
LIN03	234	Product/Service ID	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
LIN04	235	Product/Service ID Qualifier	O	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 477, Included: 2)				
		<u>Code</u>		<u>Name</u>		
		EN		European Article Number (EAN) (2-5-5-1)		
		UP		U.P.C. Consumer Package Code (1-5-5-1)		
LIN05	234	Product/Service ID	C	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN06	235	Product/Service ID Qualifier	O	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 477, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		CM		National Retail Merchants Association Color Code		
LIN07	234	Product/Service ID	C	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN08	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 477, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		SM		National Retail Merchants Association Size Code		
LIN09	234	Product/Service ID	C	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN10	235	Product/Service ID Qualifier	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 2)

<u>Code</u>	<u>Name</u>
BL	Brand/Label
SM	National Retail Merchants Association Size Code

LIN11	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

DTM Date/Time Reference

Pos: 030	Max: 10
Detail - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

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

CodeList Summary (Total Codes: 1112, Included: 5)

<u>Code</u>	<u>Name</u>
018	Available
036	Expiration
043	Publication
092	Contract Effective
177	Cancellation

DTM02	373	Date	M	DT	8/8	Used
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Description: Date expressed as CCYYMMDD

REF Reference Identification

Pos: 040	Max: >1
Detail - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		5E		Gender Identifier		
REF02	127	Reference Identification	X	AN	1/30	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

CTB Restrictions/Conditions

Pos: 060	Max: 25
Detail - Optional	
Loop: LIN	Elements: 3

User Option (Usage): Used

Purpose: To specify restrictions/conditions (such as shipping, ordering)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTB01	688	Restrictions/Conditions Qualifier	M	ID	2/2	Must use
Description: Code identifying the type of restriction/condition						
CodeList Summary (Total Codes: 9, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		OR		Ordering		
CTB03	673	Quantity Qualifier	M	ID	2/2	Used
Description: Code specifying the type of quantity						
CodeList Summary (Total Codes: 832, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		57		Minimum Order Quantity		
		70		Maximum Order Quantity		
CTB04	380	Quantity	M	R	1/15	Used
Description: Numeric value of quantity						

PID Product/Item Description

Pos: 070	Max: 200
Detail - Optional	
Loop: LIN	Elements: 5

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type	M	ID	1/1	Must use
		Description: Code indicating the format of a description				
		CodeList Summary (Total Codes: 3, Included: 2)				
		<u>Code</u>		<u>Name</u>		
		F		Free-form		
		S		Structured (From Industry Code List)		
PID02	750	Product/Process Characteristic Code	O	ID	2/3	Used
		Description: Code identifying the general class of a product or process characteristic				
		CodeList Summary (Total Codes: 217, Included: 6)				
		<u>Code</u>		<u>Name</u>		
		08		Product		
		AR		Age Range Description		
		73		Vendor Color Description		
		74		Vendor size description		
		92		Fabric Descriptiogensdrt gendern		
		WD		Warranty Description		
		TRN		Trade Name		
PID03	559	Agency Qualifier Code	O	ID	2/2	Used
		Description: Code identifying the agency assigning the code values				
		CodeList Summary (Total Codes: 176, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		VI		Voluntary Inter-Industry Commerce Standard (VICS) EDI		
PID04	751	Product Description Code	C	AN	1/12	Used
		Description: A code from an industry code list which provides specific data about a product characteristic				
PID05	352	Description	C	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

TD4 Carrier Details (Special Handling, or Hazardous Materials, or Both)

Pos: 110	Max: >1
Detail - Optional	
Loop: LIN	Elements: 3

User Option (Usage): Used

Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD402	208	Hazardous Material Code Qualifier	0	ID	1/1	Used
Description: Code which qualifies the Hazardous Material Class Code (209)						
CodeList Summary (Total Codes: 13, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		D	Hazardous Materials ID, DOT			
TD403	209	Hazardous Material Class Code	C	AN	1/4	Used
Description: Code specifying the kind of hazard for a material						
TD404	352	Description	X	AN	1/80	Used
Description: A free-form description to clarify the related data elements and their content						

LDT Lead Time

Pos: 140	Max: 1
Detail - Optional	
Loop: LIN	Elements: 3

User Option (Usage): Used

Purpose: To specify lead time for availability of products and services

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LDT01	345	Lead Time Code	M	ID	2/2	Must use
Description: Code indicating the time range						
CodeList Summary (Total Codes: 30, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		AE		From date of PO receipt to shipment		
LDT02	380	Quantity	M	R	1/15	Must use
Description: Numeric value of quantity						
LDT03	344	Unit of Time Period or Interval	M	ID	2/2	Must use
Description: Code indicating the time period or interval						
CodeList Summary (Total Codes: 50, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		DA		Calendar Days		
		DW		Work Days		

TC2 Commodity

Pos: 165	Max: 2
Detail - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used

Purpose: To identify a commodity or a group of commodities or a tariff page commodity

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TC201	23	Commodity Code Qualifier	M	ID	1/1	Must use

Description: Code identifying the commodity coding system used for Commodity Code

CodeList Summary (Total Codes: 22, Included: 3)

<u>Code</u>	<u>Name</u>
J	Harmonized System-Based Schedule B
N	National Motor Freight Classification (NMFC)
Q	Quota Category

TC202	22	Commodity Code	M	AN	1/30	Must use
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Description: Code describing a commodity or group of commodities

G55 Item Characteristics - Consumer Unit

Pos: 168	Max: 1
Detail - Optional	
Loop: LIN	Elements: 15

User Option (Usage): Used

Purpose: To provide physical characteristics relative to a consumer unit

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G5501	235	Product/Service ID Qualifier	M	ID	2/2	Must use
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
CodeList Summary (Total Codes: 477, Included: 2)						
		<u>Code</u>	<u>Name</u>			
		EN	European Article Number (EAN) (2-5-5-1)			
		UP	U.P.C. Consumer Package Code (1-5-5-1)			
G5502	234	Product/Service ID	M	AN	1/48	Must use
Description: Identifying number for a product or service						
G5505	65	Height	0	R	1/8	Used
Description: Vertical dimension of an object measured when the object is in the upright position						
G5506	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
CodeList Summary (Total Codes: 794, Included: 5)						
		<u>Code</u>	<u>Name</u>			
		FT	Foot			
		IN	Inch			
		MM	Millimeter			
		MR	Meter			
		YD	Yard			
G5507	189	Width	0	R	1/8	Used
Description: Shorter measurement of the two horizontal dimensions measured with the object in the upright position						
G5508	355	Unit or Basis for Measurement Code	C	ID	2/2	Used
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
CodeList Summary (Total Codes: 794, Included: 5)						
		<u>Code</u>	<u>Name</u>			
		FT	Foot			
		IN	Inch			
		MN	Metric Net Ton			
		MR	Meter			
		YD	Yard			
G5509	82	Length	0	R	1/8	Used
Description: Largest horizontal dimension of an object measured when the object is in the upright position						
G5510	355	Unit or Basis for Measurement Code	C	ID	2/2	Used

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

CodeList Summary (Total Codes: 794, Included: 5)

<u>Code</u>	<u>Name</u>
FT	Foot
IN	Inch
MM	Millimeter
MR	Meter
YD	Yard

G5511 183 **Volume** X R 1/8 Used

Description: Value of volumetric measure

G5512 355 **Unit or Basis for Measurement Code** X ID 2/2 Used

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

CodeList Summary (Total Codes: 794, Included: 10)

<u>Code</u>	<u>Name</u>
CC	Cubic Centimeter
CF	Cubic Feet
CI	Cubic Inches
CR	Cubic Meter
CY	Cubic Yard
GA	Gallon
LT	Liter
ML	Milliliter
PT	Pint
QT	Quart

G5514 357 **Size** O R 1/8 Used

Description: Size of supplier units in pack

G5515 355 **Unit or Basis for Measurement Code** X ID 2/2 Used

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

G5523 395 **Unit Weight** O R 1/8 Used

Description: Numeric value of weight per unit

G5524 187 **Weight Qualifier** C ID 1/2 Used

Description: Code defining the type of weight

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

<u>Code</u>	<u>Name</u>
G	Gross Weight

G5525 188 **Weight Unit Code** C ID 1/1 Used

Description: Code specifying the weight unit

CodeList Summary (Total Codes: 8, Included: 2)

<u>Code</u>	<u>Name</u>
L	Pounds
O	Ounces

CTP Pricing Information

Pos: 170	Max: 1
Detail - Optional	
Loop: CTP	Elements: 2

User Option (Usage): Used

Purpose: To specify pricing information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTP02	236	Price Identifier Code	0	ID	3/3	Used
Description: Code identifying pricing specification						
CodeList Summary (Total Codes: 164, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		CAT		Catalog Price		
		MSR		Manufacturer's Suggested Retail		
		UCP		Unit cost price		
CTP03	212	Unit Price	0	R	1/17	Used
Description: Price per unit of product, service, commodity, etc.						

N1

Name

Pos: 230	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1312, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		CT		Country of Origin		
N102	93	Name	0	AN	1/60	Used
Description: Free-form name						
N103	66	Identification Code Qualifier	x	ID	1/2	Used
Description: Code designating the system/method of code structure used for Identification Code (67)						
CodeList Summary (Total Codes: 215, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		38		Country Code		
N104	67	Identification Code	C	AN	2/80	Used
Description: Code identifying a party or other code						

SLN Subline Item Detail

Pos: 350	Max: 1
Detail - Optional	
Loop: SLN	Elements: 6

User Option (Usage): Used

Purpose: To specify product subline detail item data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SLN01	350	Assigned Identification	M	AN	1/20	Must use
Description: Alphanumeric characters assigned for differentiation within a transaction set						
SLN03	662	Relationship Code	M	ID	1/1	Must use
Description: Code indicating the relationship between entities						
CodeList Summary (Total Codes: 5, Included: 2)						
		<u>Code</u>	<u>Name</u>			
		D	Delete			
		I	Included			
SLN04	380	Quantity	O	R	1/15	Used
Description: Numeric value of quantity						
SLN05	C001	Composite Unit of Measure	M	Comp		Used
Description: To identify a composite unit of measure(See Figures Appendix for examples of use)						
SLN05-01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
CodeList Summary (Total Codes: 794, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		EA	Each			
SLN05-13	355	Unit or Basis for Measurement Code	O	ID	2/2	Used
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
All valid standard codes are used. (Total Codes: 794)						
SLN09	235	Product/Service ID Qualifier	M	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
CodeList Summary (Total Codes: 477, Included: 2)						
		<u>Code</u>	<u>Name</u>			
		EN	European Article Number (EAN) (2-5-5-1)			
		UP	U.P.C. Consumer Package Code (1-5-5-1)			
SLN10	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						

CTT Transaction Totals

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

User Option (Usage): Used

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

Element Summary:

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

Description: Total number of line items in the transaction set

SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

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



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869 Order Status Inquiry

Version 4010 X12

ST Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set All valid standard codes are used. (Total Codes: 298)				
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

BSI Beginning Segment for Order Status Inquiry

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

Purpose: To indicate the beginning of an order status inquiry and provide the type of customer status inquiry

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BSI01	127	Reference Identification	M	AN	1/30	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
BSI02	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				
BSI03	847	Order/Item Code	M	ID	1/2	Must use
		Description: Code identifying a group of orders and items				
		CodeList Summary (Total Codes: 8, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		PA		Selected Orders - All Items		

BS101 will contain the Purchase Order Number.
BS102 will contain the Date the 869 is sent.

HL

Hierarchical Level

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use

Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure

HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
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Description: Code defining the characteristic of a level in a hierarchical structure

CodeList Summary (Total Codes: 170, Included: 1)

<u>Code</u>	<u>Name</u>
O	Order

PRF Purchase Order Reference

Pos: 020	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

Purpose: To provide reference to a specific purchase order

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PRF01	324	Purchase Order Number	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
PRF04	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				

REF Reference Identification

Pos: 105	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		IA		Internal Vendor Number		
REF02	127	Reference Identification	M	AN	1/30	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

REF02 will contain your Assigned Vendor Code.

HL

Hierarchical Level

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use

Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure

HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
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Description: Code defining the characteristic of a level in a hierarchical structure

CodeList Summary (Total Codes: 170, Included: 1)

<u>Code</u>	<u>Name</u>
I	Item

LIN Item Identification

Pos: 050	Max: >1
Detail - Mandatory	
Loop: HL	Elements: 5

User Option (Usage): Must use

Purpose: To specify basic item identification data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN01	350	Assigned Identification	M	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 477, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		VN		Vendor's (Seller's) Item Number		
LIN03	234	Product/Service ID	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
LIN04	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 477, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		SK		Stock Keeping Unit (SKU)		
LIN05	234	Product/Service ID	M	AN	1/48	Must use
		Description: Identifying number for a product or service				

CTT Transaction Totals

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

User Option (Usage): Must use

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

Element Summary:

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

Description: Total number of line items in the transaction set

SE

Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A Elements: 2	

User Option (Usage): Must use

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

Element Summary:

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



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Beyond EDI

870 Order Status Report

Version 4010 X12

ST

Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set				
		CodeList Summary (Total Codes: 314, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		870		Order Status Report		
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

BSR Beginning Segment for Order Status Report

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To indicate the beginning of an Order Status Report Transaction Set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BSR01	850	Status Report Code	M	ID	1/2	Must use
Description: Code indicating the reason for sending the report						
CodeList Summary (Total Codes: 12, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		1		Response to an Order Status Inquiry (869)		
BSR02	847	Order/Item Code	M	ID	1/2	Must use
Description: Code identifying a group of orders and items						
CodeList Summary (Total Codes: 8, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		PA		Selected Orders - All Items		
BSR03	127	Reference Identification	M	AN	1/50	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
BSR04	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						

BSR03 you must assign a unique number to identify each 870. This number must not be repeated in subsequent 870's. Do not send the PO number in this field.

REF Reference Identification

Pos: 0460	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use
Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1682, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		IA		Internal Vendor Number		
REF02	127	Reference Identification	M	AN	1/50	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

HL

Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure						
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
Description: Code defining the characteristic of a level in a hierarchical structure						
CodeList Summary (Total Codes: 250, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		O	Order			

PRF Purchase Order Reference

Pos: 0200	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

Purpose: To provide reference to a specific purchase order

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PRF01	324	Purchase Order Number	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
PRF04	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

HL

Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use

Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure

HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
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Description: Code defining the characteristic of a level in a hierarchical structure

CodeList Summary (Total Codes: 250, Included: 1)

<u>Code</u>	<u>Name</u>
I	Item

PO1 Baseline Item Data

Pos: 1500	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 8

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO101	350	Assigned Identification	M	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
PO102	330	Quantity Ordered	M	R	1/15	Must use
		Description: Quantity ordered				
PO103	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		CodeList Summary (Total Codes: 803, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		EA		Each		
PO104	212	Unit Price	M	R	1/17	Must use
		Description: Price per unit of product, service, commodity, etc.				
PO106	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 507, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		VN		Vendor's (Seller's) Item Number		
PO107	234	Product/Service ID	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
PO108	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 507, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		SK		Stock Keeping Unit (SKU)		
PO109	234	Product/Service ID	M	AN	1/48	Must use
		Description: Identifying number for a product or service				

ISR Item Status Report

Pos: 0300	Max: 1
Detail - Mandatory	
Loop: ISR	Elements: 3

User Option (Usage): Must use

Purpose: To specify detailed purchase order/item status

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISR01	368	Shipment/Order Status Code	M	ID	2/2	Must use

Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction

CodeList Summary (Total Codes: 102, Included: 4)

<u>Code</u>	<u>Name</u>
CC	Shipment Complete on (Date)
DS	Out Of Stock Condition
ED	Expect to Ship By (Date)
IC	Item Canceled

ISR02	373	Date	C	DT	8/8	Used
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

ISR03	641	Status Reason Code	M	ID	3/3	Must use
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Description: Code indicating the status reason

CodeList Summary (Total Codes: 436, Included: 5)

<u>Code</u>	<u>Name</u>
D50	Delayed
NOR	Normal
W01	Out of Stock
W08	Material Shortage

Only populate the ISR02 if the ISR01 is "CC" or "ED".

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 1

User Option (Usage): Must use

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

Element Summary:

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

Description: Total number of line items in the transaction set

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

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