

856 ADVANCE SHIPMENT NOTICE

X12/V5010/EDI856 : ADVANCE SHIPMENT NOTICE

Version: 1.0

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856

Ship Notice/Manifest

Functional Group=SH

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0200	BSN	Beginning Segment for Ship Notice	M	1			Must use

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - HL</u>					<u>9999</u>		
0100	HL	Hierarchical Level	M	1			Must use
1100	TD1	Carrier Details (Quantity and Weight)	O	20			Must use
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Must use
<u>LOOP ID - TD3</u>					<u>12</u>		
1300	TD3	Carrier Details (Equipment)	O	1			Used
1500	REF	Reference Information	O	>1			Must use
2000	DTM	Date/Time Reference	O	10			Must use
<u>LOOP ID - N1</u>					<u>200</u>		
2200	N1	Party Identification	O	1			Used
2400	N3	Party Location	O	2			Used
2500	N4	Geographic Location	O	1			Used
<u>LOOP ID - HL</u>					<u>9999</u>		
0100	HL	Hierarchical Level	M	1			Must use
0500	PRF	Purchase Order Reference	O	1			Must use
2000	DTM	Date/Time Reference	O	10			Must use
<u>LOOP ID - HL</u>					<u>9999</u>		
0100	HL	Hierarchical Level	M	1			Must use
1900	MAN	Marks and Numbers Information	O	>1			Must use
2150	PAL	Pallet Type and Load Characteristics	O	1			Recommended
<u>LOOP ID - HL</u>					<u>9999</u>		
0100	HL	Hierarchical Level	M	1			Must use
0200	LIN	Item Identification	O	1			Must use
0300	SN1	Item Detail (Shipment)	O	1			Must use
1500	REF	Reference Information	O	>1			Must use
2000	DTM	Date/Time Reference	O	10			Must use
<u>LOOP ID - HL</u>					<u>9999</u>		

0100	HL	Hierarchical Level	M	1	Must use
0200	LIN	Item Identification	O	1	Recommended
0300	SN1	Item Detail (Shipment)	O	1	Must use
0600	PO4	Item Physical Details	O	1	Recommended
1500	REF	Reference Information	O	>1	Must use

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	CTT	Transaction Totals	O	1			Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Business Rules:

1. Kroger accepts 3 EDI 856 transaction sets (00- Original, 01- Cancellation, 05 - Replace).
 - . An Original ASN must be created and transmitted to Kroger between 1-3 hours after the truck leaves vendor's facility.
 - . A canceled ASN must have the same Shipment identifier, Purchase Order Number and Ship To combination, as the original ASN.
 - . A Replacement ASN must be created and transmitted before truck arrives at Kroger's distribution center. A replacement ASN must have the same Shipment Identifier, Purchase Order Number and Ship To combination, as the original ASN.
2. An ASN must contain hierarchy structure as Shipment, Order, Tare, Pack, Item (S, O, T, P, I).
3. One shipment per Purchase Order must be use.
4. ASN must have expected delivery date (YYYYMMDD), at ORDER level
5. ASN must have one of the following dates at CASE /PACK level:
 - . Pack Date: DTM*510*20190913~
 - . Harvest Date/Production Date: DTM*405*20190914~
 - . Best by Date / Shelf-Life Expiration: DTM*511*20190914~
 - . Expiration Date: DTM*036*20190914~
6. Serial Shipping Container Code (SSCC-18) on the ASN must be linked to the SSCC-18 on the physical pallet received at the distribution center. SSCC is 20-digits, including 00 prefix.
For example, MAN*GM*00103491002495026264~
7. Carrier details (Routing Sequence/Transit Time) must include Standard Carrier Alpha Code (SCAC).
8. Each case must have products from the same batch/lot number and product date(s).
9. Supplier must provide at least 1 product date(s) per case.
10. Carrier SCAC is required
11. Supplier MUST provide at least one unit item identification
 - . Purchaser's Item Code or Consumer UPC

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>	<u>Rep</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use	1
Description: Code uniquely identifying a Transaction Set							
Code List Summary (Total Codes: 318, Included: 1)							
		<u>Code</u>		<u>Name</u>			
		856		Ship Notice/Manifest			
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set							

*Sample Data: ST*856*0780~*

BSN Beginning Segment for Ship Notice

Pos: 0200	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>	<u>Rep</u>
BSN01	353	Transaction Set Purpose Code	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

Kroger accepts 3 EDI 856 transaction sets (00- Original, 01- Cancellation, 05 - Replace).

- An Original ASN must be created and transmitted to Kroger between 1-3 hours after the truck leaves vendor's facility.*
- A canceled ASN must have the same Shipment identifier, Purchase Order Number and Ship To combination, as the original ASN. . A Replacement ASN must be created and transmitted before truck arrives at Kroger's distribution center.*
- A replacement ASN must have the same Shipment Identifier, Purchase Order Number and Ship To combination, as the original ASN.*

Code List Summary (Total Codes: 66, Included: 3)

<u>Code</u>	<u>Name</u>
00	Original
01	Cancellation
05	Replace

BSN02	396	Shipment Identification	M	AN	2/30	Must use	1
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Description: A unique control number assigned by the original shipper to identify a specific shipment

BSN03	373	Date	M	DT	8/8	Must use	1
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

BSN04	337	Time	M	TM	4/8	Must use	1
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Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

BSN05	1005	Hierarchical Structure Code	M	ID	4/4	Must use	1
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Description: Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set
*An ASN must contain hierarchy structure code as "ZZZZ".
 Hierarchy should be Shipment, Order, Tare, Pack, Item.*

SAMPLE DATE:

BSN*00*SI39383092*20220818*0600*ZZZZ~

Loop Hierarchical Level

Pos: 0100	Repeat: 9999
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	HL	Hierarchical Level	M	1		Must use
1100	TD1	Carrier Details (Quantity and Weight)	O	20		Must use
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		Must use
1300		Loop TD3	O		12	Used
1500	REF	Reference Information	O	>1		Must use
2000	DTM	Date/Time Reference	O	10		Must use
2200		Loop N1	O		200	Must use

HL Hierarchical Level

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

Loop Path: HL

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>	<u>Rep</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use	1

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	1
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Description: Code defining the characteristic of a level in a hierarchical structure

Code List Summary (Total Codes: 250, Included: 1)

<u>Code</u>	<u>Name</u>
S	Shipment

Sample Data:

HL*1**S~

TD1 Carrier Details (Quantity and Weight)

Pos: 1100	Max: 20
Detail - Optional	
Loop: HL	Elements: 5

Loop Path: HL

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
TD101	103	Packaging Code	O	AN	3/5	Used	1

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

Code List Summary - Part 1/2 (Total Codes: 155, Included: 8)

Code	Name
BAG	Bag
BOX	Box
CAS	Case
CTN	Carton
DRM	Drum
PCS	Pieces
PLT	Pallet
SKD	Skid

Code List Summary - Part 2/2 (Total Codes: 57, Included: 7)

Code	Name
03	Hard Wood
05	Soft Wood
25	Corrugated or Solid
58	Metal
67	Multiple-wall Paper (2 or more walls)
72	Paper - VCI
94	Wood

TD102	80	Lading Quantity	X	N0	1/7	Recommended	1
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Description: Number of units (pieces) of the lading commodity

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

Code List Summary (Total Codes: 52, Included: 1)

Code	Name
FR	Freight Weight

TD107	81	Weight	X	R	1/10	Used	1
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Description: Numeric value of weight

TD108	355	Unit or Basis for Measurement Code	X	ID	2/2	Used	1
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 844, Included: 1)

Code	Name
LB	Pound

Sample Data:

TD1*BOX*11984****FR*3156.75*LB~

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 1200	Max: 12
Detail - Optional	
Loop: HL	Elements: 5

Loop Path: HL

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep																												
TD501	133	Routing Sequence Code	O	ID	1/2	Used	1																												
<p>Description: Code describing the relationship of a carrier to a specific shipment movement All valid standard codes are used. (Total Codes: 23)</p>																																			
TD502	66	Identification Code Qualifier	X	ID	1/2	Must use	1																												
<p>Description: Code designating the system/method of code structure used for Identification Code (67)</p> <p>Code List Summary (Total Codes: 241, Included: 1)</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Standard Carrier Alpha Code (SCAC)</td> </tr> </tbody> </table>								Code	Name	2	Standard Carrier Alpha Code (SCAC)																								
Code	Name																																		
2	Standard Carrier Alpha Code (SCAC)																																		
TD503	67	Identification Code	X	AN	2/80	Must use	1																												
<p>Description: Code identifying a party or other code <i>Carriers SCAC</i></p>																																			
TD504	91	Transportation Method/Type Code	X	ID	1/2	Used	1																												
<p>Description: Code specifying the method or type of transportation for the shipment</p> <p>Code List Summary (Total Codes: 80, Included: 13)</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr><td>A</td><td>Air</td></tr> <tr><td>D</td><td>Parcel Post</td></tr> <tr><td>H</td><td>Customer Pickup</td></tr> <tr><td>J</td><td>Motor</td></tr> <tr><td>K</td><td>Backhaul</td></tr> <tr><td>M</td><td>Motor (Common Carrier)</td></tr> <tr><td>O</td><td>Containerized Ocean</td></tr> <tr><td>R</td><td>Rail</td></tr> <tr><td>T</td><td>Best Way (Shippers Option)</td></tr> <tr><td>U</td><td>Private Parcel Service</td></tr> <tr><td>AP</td><td>Air (Package Carrier)</td></tr> <tr><td>LT</td><td>Less Than Trailer Load (LTL)</td></tr> <tr><td>MP</td><td>Motor (Package Carrier)</td></tr> </tbody> </table>								Code	Name	A	Air	D	Parcel Post	H	Customer Pickup	J	Motor	K	Backhaul	M	Motor (Common Carrier)	O	Containerized Ocean	R	Rail	T	Best Way (Shippers Option)	U	Private Parcel Service	AP	Air (Package Carrier)	LT	Less Than Trailer Load (LTL)	MP	Motor (Package Carrier)
Code	Name																																		
A	Air																																		
D	Parcel Post																																		
H	Customer Pickup																																		
J	Motor																																		
K	Backhaul																																		
M	Motor (Common Carrier)																																		
O	Containerized Ocean																																		
R	Rail																																		
T	Best Way (Shippers Option)																																		
U	Private Parcel Service																																		
AP	Air (Package Carrier)																																		
LT	Less Than Trailer Load (LTL)																																		
MP	Motor (Package Carrier)																																		
TD505	387	Routing	X	AN	1/35	Used	1																												
<p>Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity <i>The carrier name is required for all shipments.</i></p>																																			

Sample Data:

TD5**2*UPGF*LT*446-729532-X~

Loop Carrier Details (Equipment)

Pos: 1300	Repeat: 12
	Optional
Loop: TD3	Elements: N/A

Loop Path: HL

User Option (Usage): Used

Purpose: To specify transportation details relating to the equipment used by the carrier

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1300	TD3	Carrier Details (Equipment)	O	1		Used

TD3 Carrier Details (Equipment)

Pos: 1300	Max: 1
Detail - Optional	
Loop: TD3	Elements: 2

Loop Path: HL-TD3

User Option (Usage): Used

Purpose: To specify transportation details relating to the equipment used by the carrier

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>	<u>Rep</u>
TD301	40	Equipment Description Code	X	ID	2/2	Used	1
Description: Code identifying type of equipment used for shipment							
Code List Summary (Total Codes: 139, Included: 2)							
		<u>Code</u>		<u>Name</u>			
		CN		Container			
		TL		Trailer (not otherwise specified)			
TD303	207	Equipment Number	X	AN	1/15	Used	1
Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)							

Sample Data:

TD3*TL**1234567890~

REF Reference Information

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

Loop Path: HL

User Option (Usage): Must use

Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

Note:

*REF*6B is only Applicable to Import*

Code List Summary (Total Codes: 1731, Included: 2)

Code	Name
6B	U.S. Customs Service (USCS) Entry Number
BM	Bill of Lading Number

REF02	127	Reference Identification	X	AN	1/50	Must use	1
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

This element must be only "A-Z", "a-z", "0-9" and "-".

If REF01 = BM, REF02 = Bill of Lading Number

If REF01 = 6B, REF02 = "U.S. Customs and Border Protection (CBP) Entry number

Sample Data:

REF*BM*6839677~

REF*6B*11-222222-4~

DTM Date/Time Reference

Pos: 2000	Max: 10
Detail - Optional	
Loop: HL	Elements: 2

Loop Path: HL

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>	<u>Rep</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use	1

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

Code List Summary (Total Codes: 1280, Included: 1)

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

DTM02	373	Date	X	DT	8/8	Must use	1
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Sample Data:
DTM*011*20230309~

Loop Party Identification

Pos: 2200	Repeat: 200
Optional	
Loop: N1	Elements: N/A

Loop Path: HL

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
2200	N1	Party Identification	O	1		Used
2400	N3	Party Location	O	2		Used
2500	N4	Geographic Location	O	1		Used

N1 Party Identification

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

Loop Path: HL-N1

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>	<u>Rep</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1

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

Code List Summary (Total Codes: 1500, Included: 3)

<u>Code</u>	<u>Name</u>
CA	Carrier
SF	Ship From
ST	Ship To

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

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

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

Code List Summary (Total Codes: 241, Included: 3)

<u>Code</u>	<u>Name</u>
1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
92	Assigned by Buyer or Buyer's Agent

N104	67	Identification Code	X	AN	2/80	Used	1
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Description: Code identifying a party or other code

Sample Data:

N1*ST*THE KROGER COMPANY*9*0747086450049~
 N1*Sf*Cargill, Incorporated*9*006249189019~
 N1*Sf*ABC CORP*92*2000234~
 N1*CA*FastTrucks~

N3 Party Location

Pos: 2400	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

Loop Path: HL-N1

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>	<u>Rep</u>
N301	166	Address Information	M	AN	1/55	Must use	1
		Description: Address information					
N302	166	Address Information	O	AN	1/55	Used	1
		Description: Address information					

Sample Data:

N3*2000 Anvil Block Rd*Forest Park GA 30297~

N4 Geographic Location

Pos: 2500	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

Loop Path: HL-N1

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>	<u>Rep</u>
N401	19	City Name	O	AN	2/30	Used	1
		Description: Free-form text for city name					
N402	156	State or Province Code	X	ID	2/2	Used	1
		Description: Code (Standard State/Province) as defined by appropriate government agency					
N403	116	Postal Code	O	ID	3/15	Used	1
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)					
N404	26	Country Code	X	ID	2/3	Used	1
		Description: Code identifying the country					

Sample Data:

N4*Carolee*GA*23450*US~

Loop Hierarchical Level

Pos: 0100	Repeat: 9999
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	HL	Hierarchical Level	M	1		Must use
0500	PRF	Purchase Order Reference	O	1		Must use
2000	DTM	Date/Time Reference	O	10		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

Loop Path: HL

User Option (Usage): Must use

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

Element Summary:

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

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

HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Used	1
------	-----	-------------------------------	---	----	------	------	---

Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to

HL03	735	Hierarchical Level Code	M	ID	1/2	Must use	1
------	-----	-------------------------	---	----	-----	----------	---

Description: Code defining the characteristic of a level in a hierarchical structure

Code List Summary (Total Codes: 250, Included: 1)

Code	Name
O	Order

Sample Data:

HL*2*1*O~

PRF Purchase Order Reference

Pos: 0500	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

Loop Path: HL

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>	<u>Rep</u>
PRF01	324	Purchase Order Number	M	AN	1/22	Must use	1
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser					
PRF04	373	Date	O	DT	8/8	Used	1
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year					

Sample Data:
PRF*70160***20230216~

DTM Date/Time Reference

Pos: 2000	Max: 10
Detail - Optional	
Loop: HL	Elements: 2

Loop Path: HL

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>	<u>Rep</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use	1

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

Code List Summary (Total Codes: 1280, Included: 1)

<u>Code</u>	<u>Name</u>
017	Estimated Delivery

DTM02	373	Date	X	DT	8/8	Must use	1
-------	-----	------	---	----	-----	----------	---

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Sample Data:
DTM*017*20230309~

Loop Hierarchical Level

Pos: 0100	Repeat: 9999
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	HL	Hierarchical Level	M	1		Must use
1900	MAN	Marks and Numbers Information	O	>1		Must use
2150	PAL	Pallet Type and Load Characteristics	O	1		Recommended

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

Loop Path: HL

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>	<u>Rep</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use	1

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

HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Used	1
------	-----	--------------------------------------	---	----	------	------	---

Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to

HL03	735	Hierarchical Level Code	M	ID	1/2	Must use	1
------	-----	--------------------------------	---	----	-----	----------	---

Description: Code defining the characteristic of a level in a hierarchical structure

Code List Summary (Total Codes: 250, Included: 1)

<u>Code</u>	<u>Name</u>
T	Shipping Tare

Sample Data:
HL*3*2*T~

MAN Marks and Numbers Information

Pos: 1900	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

Loop Path: HL

User Option (Usage): Must use

Purpose: To indicate identifying marks and numbers for shipping containers

Element Summary:

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

Description: Code specifying the application or source of Marks and Numbers (87)
*Serial Shipping Container Code (SSCC-18) on the ASN must be linked to the SSCC-18 on the physical pallet received at the distribution center. SSCC is 20-digits, including 00 prefix. For example, MAN*GM*00103491002495026264~*

Code List Summary (Total Codes: 21, Included: 1)

<u>Code</u>	<u>Name</u>
GM	EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier

MAN02	87	Marks and Numbers	M	AN	1/48	Must use	1
-------	----	-------------------	---	----	------	----------	---

Description: Marks and numbers used to identify a shipment or parts of a shipment

Sample Data:

MAN*GM*001002570000179604~

PAL Pallet Type and Load Characteristics

Pos: 2150	Max: 1
Detail - Optional	
Loop: HL	Elements: 7

Loop Path: HL

User Option (Usage): Recommended

Purpose: To identify the type and physical attributes of the pallet, and, gross weight, gross volume, and height of the load and the pallet

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep						
PAL01	883	Pallet Type Code	O	ID	1/2	Used	1						
<p>Description: Code indicating the type of pallet</p> <p>Code List Summary (Total Codes: 9, Included: 1)</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Standard</td> </tr> </tbody> </table>								Code	Name	4	Standard		
Code	Name												
4	Standard												
PAL02	884	Pallet Tiers	O	N0	1/3	Used	1						
<p>Description: The number of layers per pallet</p>													
PAL03	885	Pallet Blocks	O	N0	1/3	Used	1						
<p>Description: The number of pieces (cartons) per layer on the pallet</p>													
PAL09	65	Height	X	R	1/8	Used	1						
<p>Description: Vertical dimension of an object measured when the object is in the upright position</p>													
PAL10	355	Unit or Basis for Measurement Code	X	ID	2/2	Used	1						
<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p>Code List Summary (Total Codes: 844, Included: 2)</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>FT</td> <td>Foot</td> </tr> <tr> <td>IN</td> <td>Inch</td> </tr> </tbody> </table>								Code	Name	FT	Foot	IN	Inch
Code	Name												
FT	Foot												
IN	Inch												
PAL11	384	Gross Weight per Pack	X	R	1/9	Used	1						
<p>Description: Numeric value of gross weight per pack</p> <p><i>PAL11 (Gross Weight) is measured after loading and includes the pallet.</i></p>													
PAL12	355	Unit or Basis for Measurement Code	X	ID	2/2	Used	1						
<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p>Code List Summary (Total Codes: 844, Included: 1)</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>LB</td> <td>Pound</td> </tr> </tbody> </table>								Code	Name	LB	Pound		
Code	Name												
LB	Pound												

Sample Data:

PAL*4*13*10*****73.44*IN*1129*LB~

Loop Hierarchical Level

Pos: 0100	Repeat: 9999
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	HL	Hierarchical Level	M	1		Must use
0200	LIN	Item Identification	O	1		Must use
0300	SN1	Item Detail (Shipment)	O	1		Must use
1500	REF	Reference Information	O	>1		Must use
2000	DTM	Date/Time Reference	O	10		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

Loop Path: HL

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>	<u>Rep</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use	1

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

HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Used	1
------	-----	--------------------------------------	---	----	------	------	---

Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to

HL03	735	Hierarchical Level Code	M	ID	1/2	Must use	1
------	-----	--------------------------------	---	----	-----	----------	---

Description: Code defining the characteristic of a level in a hierarchical structure

Code List Summary (Total Codes: 250, Included: 1)

<u>Code</u>	<u>Name</u>
P	Pack

Sample Data:
HL*4*3*P~

LIN Item Identification

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 9

Loop Path: HL

User Option (Usage): Must use

Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep										
LIN01	350	Assigned Identification	O	AN	1/20	Used	1										
<p>Description: Alphanumeric characters assigned for differentiation within a transaction set</p>																	
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use	1										
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <p>Code List Summary (Total Codes: 519, Included: 3)</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>PI</td> <td>Purchaser's Item Code</td> </tr> <tr> <td>UK</td> <td>GTIN 14-digit Data Structure</td> </tr> <tr> <td>UP</td> <td>UCC - 12</td> </tr> </tbody> </table>								Code	Name	PI	Purchaser's Item Code	UK	GTIN 14-digit Data Structure	UP	UCC - 12		
Code	Name																
PI	Purchaser's Item Code																
UK	GTIN 14-digit Data Structure																
UP	UCC - 12																
LIN03	234	Product/Service ID	M	AN	1/48	Must use	1										
<p>Description: Identifying number for a product or service <i>This must be the ORDERED item from the purchase order</i></p>																	
LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used	1										
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <p>Code List Summary (Total Codes: 519, Included: 4)</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>PI</td> <td>Purchaser's Item Code</td> </tr> <tr> <td>UK</td> <td>GTIN 14-digit Data Structure</td> </tr> <tr> <td>UP</td> <td>UCC - 12</td> </tr> <tr> <td>VN</td> <td>Vendor's (Seller's) Item Number</td> </tr> </tbody> </table>								Code	Name	PI	Purchaser's Item Code	UK	GTIN 14-digit Data Structure	UP	UCC - 12	VN	Vendor's (Seller's) Item Number
Code	Name																
PI	Purchaser's Item Code																
UK	GTIN 14-digit Data Structure																
UP	UCC - 12																
VN	Vendor's (Seller's) Item Number																
LIN05	234	Product/Service ID	X	AN	1/48	Used	1										
<p>Description: Identifying number for a product or service</p>																	
LIN06	235	Product/Service ID Qualifier	X	ID	2/2	Used	1										
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <p>Code List Summary (Total Codes: 519, Included: 1)</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>LT</td> <td>Lot Number</td> </tr> </tbody> </table>								Code	Name	LT	Lot Number						
Code	Name																
LT	Lot Number																
LIN07	234	Product/Service ID	X	AN	1/48	Used	1										
<p>Description: Identifying number for a product or service</p>																	
LIN08	235	Product/Service ID Qualifier	X	ID	2/2	Used	1										
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) <i>Country of origin is the country where the product is produced or harvested. Please refer to English short name in ISO 3166-1-alpha-2 code elements for 2 digit codes.</i></p>																	

Code List Summary (Total Codes: 519, Included: 1)

<u>Code</u>	<u>Name</u>
CH	Country of Origin Code

LIN09	234	Product/Service ID	X	AN	1/48	Used	1
-------	-----	---------------------------	---	----	------	------	---

Description: Identifying number for a product or service

Sample Data:

LIN*01*UK*10614141000002*VN*123456789*LT*41000002*CH* US~

SN1 Item Detail (Shipment)

Pos: 0300	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

Loop Path: HL

User Option (Usage): Must use

Purpose: To specify line-item detail relative to shipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
SN102	382	Number of Units Shipped	M	R	1/10	Must use	1

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	1
-------	-----	------------------------------------	---	----	-----	----------	---

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

Code List Summary (Total Codes: 844, Included: 1)

<u>Code</u>	<u>Name</u>
CA	Case

Sample data:
SN1**6*CA~

REF Reference Information

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

Loop Path: HL

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>	<u>Rep</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

Code List Summary (Total Codes: 1731, Included: 1)

<u>Code</u>	<u>Name</u>
PZ	Product Change Notice Number

REF02	127	Reference Identification	X	AN	1/50	Must use	1
-------	-----	--------------------------	---	----	------	----------	---

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Sample Data:
REF*PZ*56451100~

DTM Date/Time Reference

Pos: 2000	Max: 10
Detail - Optional	
Loop: HL	Elements: 2

Loop Path: HL

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>	<u>Rep</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use	1

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

Code List Summary (Total Codes: 1280, Included: 4)

<u>Code</u>	<u>Name</u>
036	Expiration
405	Production
510	Date Packed
511	Shelf Life Expiration

DTM02	373	Date	X	DT	8/8	Must use	1
-------	-----	------	---	----	-----	----------	---

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Sample Data:

DTM*510*20230210~
 DTM*405*20230120~
 DTM*511*20230515~
 DTM*036*20240621~

Loop Hierarchical Level

Pos: 0100	Repeat: 9999
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	HL	Hierarchical Level	M	1		Must use
0200	LIN	Item Identification	O	1		Recommended
0300	SN1	Item Detail (Shipment)	O	1		Must use
0600	PO4	Item Physical Details	O	1		Recommended
1500	REF	Reference Information	O	>1		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

Loop Path: HL

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>	<u>Rep</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use	1

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

HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Used	1
------	-----	--------------------------------------	---	----	------	------	---

Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to

HL03	735	Hierarchical Level Code	M	ID	1/2	Must use	1
------	-----	--------------------------------	---	----	-----	----------	---

Description: Code defining the characteristic of a level in a hierarchical structure

Code List Summary (Total Codes: 250, Included: 1)

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

Sample Data:
HL*5*4*1~

LIN Item Identification

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 7

Loop Path: HL

User Option (Usage): Recommended

Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN01	350	Assigned Identification	O	AN	1/20	Recommended	1
		Description: Alphanumeric characters assigned for differentiation within a transaction set					
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Recommended	1
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		Code List Summary (Total Codes: 519, Included: 5)					
		<u>Code</u>		<u>Name</u>			
		PI		Purchaser's Item Code			
		UD		U.P.C./EAN Consumer Package Code (2-5-5)			
		UK		GTIN 14-digit Data Structure			
		UP		UCC - 12			
		VN		Vendor's (Seller's) Item Number			
LIN03	234	Product/Service ID	M	AN	1/48	Must use	1
		Description: Identifying number for a product or service					
LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used	1
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		Code List Summary (Total Codes: 519, Included: 5)					
		<u>Code</u>		<u>Name</u>			
		PI		Purchaser's Item Code			
		UD		U.P.C./EAN Consumer Package Code (2-5-5)			
		UK		GTIN 14-digit Data Structure			
		UP		UCC - 12			
		VN		Vendor's (Seller's) Item Number			
LIN05	234	Product/Service ID	X	AN	1/48	Used	1
		Description: Identifying number for a product or service					
LIN06	235	Product/Service ID Qualifier	X	ID	2/2	Used	1
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		Code List Summary (Total Codes: 519, Included: 5)					
		<u>Code</u>		<u>Name</u>			
		PI		Purchaser's Item Code			
		UD		U.P.C./EAN Consumer Package Code (2-5-5)			
		UK		GTIN 14-digit Data Structure			
		UP		UCC - 12			
		VN		Vendor's (Seller's) Item Number			
LIN07	234	Product/Service ID	X	AN	1/48	Used	1
		Description: Identifying number for a product or service					

Sample Data:

LIN*01*UK*5654660000002*PI*123456789*VN*2222222~

SN1 Item Detail (Shipment)

Pos: 0300	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

Loop Path: HL

User Option (Usage): Must use

Purpose: To specify line-item detail relative to shipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
SN102	382	Number of Units Shipped	M	R	1/10	Must use	1

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	1
-------	-----	------------------------------------	---	----	-----	----------	---

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

Code List Summary (Total Codes: 844, Included: 1)

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

Sample Data:
SN1**72*EA~

PO4 Item Physical Details

Pos: 0600	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

Loop Path: HL

User Option (Usage): Recommended

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the 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>	<u>Rep</u>
PO401	356	Pack	O	N0	1/6	Used	1

Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container

PO402	357	Size	X	R	1/8	Used	1
-------	-----	------	---	---	-----	------	---

Description: Size of supplier units in pack

PO403	355	Unit or Basis for Measurement Code	X	ID	2/2	Used	1
-------	-----	------------------------------------	---	----	-----	------	---

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

Code List Summary (Total Codes: 844, Included: 3)

<u>Code</u>	<u>Name</u>
GA	Gallon
LB	Pound
OZ	Ounce - Av

Sample Data:
PO4*12*6*OZ

REF Reference Information

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

Loop Path: HL

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>	<u>Rep</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

Code List Summary (Total Codes: 1731, Included: 1)

<u>Code</u>	<u>Name</u>
PZ	Product Change Notice Number

REF02	127	Reference Identification	X	AN	1/50	Must use	1
-------	-----	--------------------------	---	----	------	----------	---

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Sample Data:
REF*PZ*45561100~

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
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>	<u>Rep</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use	1

Description: Total number of line items in the transaction set

Data Sample:
CTT*1~

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>	<u>Rep</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use	1
		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	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					

Sample Data:
SE*50*0001~

Single Item Pallet EDI Sample

ISA*00*	*00*	*07*110001002382	*ZZ*KROGER
*230309*0101*^*00501*000001059*0*P*~			
GS*SH*1100001002382	*KROGER*	20230309*01010000*300*X*005010~	
ST*856*0001~			
BSN*00*58589683967720230309*20230323*1100*ZZZZ~			
HL*1**S~			
TD1*BOX*11984****FR*3156.75*LB~			
TD5*1*2*UPGF*LT*446-729532-X ~			
REF*BM*6839677~			
DTM*011*20230323~			
N1*SF*Cargill, Incorporated*9*006249189019~			
N1*SF*ABC CORP*92*2000234~			
N3*2000 Anvil Block Rd*Forest Park GA 30297~			
N4*Carolee*GA*23450*US~			
N1*ST*Kroger - Columbus (in Delaware)*9*1465226281603~			
HL*2*1*O~			
PRF*70160***20230216~			
DTM*017*20230323~			
HL*3*2*T~			
MAN*GM*001002570000179604~			
PAL*4*89*281*****82*IN*31935166*LB~			
HL*4*3*P~			
LIN*01*UK*10614141000002*LT*41000002*CH*US~			
SN1**130*CA~			
REF*PZ*6532110~			
DTM*036*20230323~			
DTM*405*20230323~			
DTM*511*20230323~			
DTM*510*20230323~			
HL*5*4*I~			
LIN*01*UP*565466000002~			
SN1**1560*EA~			
PO4*12*9*OZ~			
CTT*1~			
SE*27*0001~			
GE*1*300~			
IEA*1*000001059~			

Multiple Item Pallet EDI Sample: This Tare/Pallet statement has multiple Pack and Item Levels defined.

ISA*00* *00* *07*1100001002382 *ZZ*KROGER *230309*0101*^*00501*000001060*0*P*: ~
GS*SH*1100001002382*KROGER*20230309*01010000*300*X*005010~
ST*856*0001~
BSN*00*48489683967720230309*20230323*1100*ZZZZ~
HL*1**S~
TD1*BOX*12500****FR*4200*LB~
TD5*1*2*UPGF*554-7927532~
REF*BM*9819677~
DTM*011*20220323~
N1*ST*Kroger - Columbus (in Delaware)*9*1465226281603~
N1*SF*Cargill, Incorporated*9*006249189019~
N1*SF*ABC CORP*92*2000234~
N3*2000 Anvil Block Rd*Forest Park GA 30297~
N4*Carolee*GA*23450*US~
HL*2*1*O~
PRF*89750***20220216~
DTM*017*20220323~
HL*3*2*T~
MAN*GM*00100257000017960564~
PAL*4*****65*IN*1280*LB~
HL*4*3*P~
LIN*01*UK*10002357001090*LT*87000002*CH*US~
SN1**36*CA~
REF*PZ*6532210~
DTM*036*20221220~
DTM*405*20230325~
DTM*511*20230423~
DTM*510*20230327~
HL*5*4*I~
LIN*01*UP*023570010903~
SN1**432*EA~
PO4*12*8*OZ~
HL*6*3*P~
LIN*02*UK*10002357001120*LT*98200002*CH*US~
SN1**34*CA~
DTM*036*20221222~
REF*PZ*6532310~
DTM*405*20230325~
DTM*511*20230423~
DTM*510*20230327~
HL*7*6*I
LIN*02*UP*023570011207~

SN1**408*EA~
PO4*12*8*OZ~
HL*8*3*P~
LIN*03*UK*10002357003363*LT*88900098*CH*US~
SN1**50*CA~
REF*PZ*6533210~
DTM*036*20221213~
DTM*405*20230325~
DTM*511*20230423~
DTM*510*20230327~
HL*9*8*I~
LIN*03*UP*023570033636 ~
SN1**600*EA~
PO4*12*8*OZ~
CTT*1~
SE*46*0001~
GE*1*300~
IEA*1*000001060~