

856 Ship Notice/Manifest

X12/V4010/856: 856 Ship Notice/Manifest

Version: 2.0 Final

Publication: September 9, 2004
Trading Partner: Sysco
Notes:

856 Ship Notice/Manifest

Functional Group=SH

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

Notes:

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

Comments:

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

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Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Sysco Must use
020	BSN	Beginning Segment for Ship Notice	M	1			Sysco 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>
LOOP ID - HL					1	C2/010L	
010	HL	Hierarchical Level	M	1		C2/010	Sysco Must use
110	TD1	Carrier Details (Quantity and Weight)	O	2			Sysco Recommended
120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1			Sysco Recommended
130	TD3	Carrier Details (Equipment)	O	2			Used
150	REF	Reference Identification	O	1			Used
200	DTM	Date/Time Reference	O	5			Sysco Must use
LOOP ID - N1					6		
220	N1	Name	M	1			Sysco Must use
240	N3	Address Information	O	2			Used
250	N4	Geographic Location	O	1			Used
270	PER	Administrative Communications Contact	O	3			Used
LOOP ID - HL					200000		
010	HL	Hierarchical Level	M	1			Used
050	PRF	Purchase Order Reference	M	1			Sysco Must use
150	REF	Reference Identification	M	5			Sysco Must use
LOOP ID - N1					3		
220	N1	Name	M	1			Sysco Must use
240	N3	Address Information	O	2			Used
250	N4	Geographic Location	O	1			Used
LOOP ID - HL					200000		

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	HL	Hierarchical Level	M	1			Sysco Must use
110	TD1	Carrier Details (Quantity and Weight)	O	2			Sysco Recommended
190	MAN	Marks and Numbers	M	>1			Sysco Must use
215	PAL	Pallet Information	O	1			Used
LOOP ID - HL					200000		
010	HL	Hierarchical Level	M	1			Sysco Must use
020	LIN	Item Identification	M	1			Sysco Must use
030	SN1	Item Detail (Shipment)	O	1			Sysco Must use
070	PID	Product/Item Description	O	200			Used
080	MEA	Measurements	O	40			Sysco Recommended
190	MAN	Marks and Numbers	O	>1			Used
LOOP ID - HL					200000		
010	HL	Hierarchical Level	M	1			Used
040	SLN	Subline Item Detail	O	1000			Used
200	DTM	Date/Time Reference	O	2			Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	CTT	Transaction Totals	O	1		N3/010	Used
020	SE	Transaction Set Trailer	M	1			Sysco Must use

ST Transaction Set Header

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

User Option (Usage): Sysco Must use

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

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).

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 Description: Code uniquely identifying a Transaction Set Code Name 856 Ship Notice/Manifest	M	ID	3/3	Sysco Must use
ST02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Sysco Must use

BSN Beginning Segment for Ship Notice

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

User Option (Usage): Sysco Must use

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

Semantics:

1. BSN03 is the date the shipment transaction set is created.
2. BSN04 is the time the shipment transaction set is created.

Comments:

1. BSN06 and BSN07 differentiate the functionality of use for 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 Description: Code identifying purpose of transaction set <u>Code</u> <u>Name</u> 00 Original	M	ID	2/2	Sysco Must use
BSN02	396	Shipment Identification Description: A unique control number assigned by the original shipper to identify a specific shipment iTN User Note 1: Pickup Number	M	AN	2/30	Sysco Must use
BSN03	373	Date Description: Date expressed as CCYYMMDD	M	DT	8/8	Sysco Must use
BSN04	337	Time 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)	M	TM	4/8	Sysco Must use

HL Hierarchical Level

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

User Option (Usage): Sysco Must use

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

Comments:

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

iTN User Note 1:

Shipment Level

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 Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Sysco Must use
HL02	734	Hierarchical Parent ID Number Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O	AN	1/12	Not used
HL03	735	Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure	M	ID	1/2	Sysco Must use

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

TD1 Carrier Details (Quantity and Weight)

Pos: 110	Max: 2
Detail - Optional	
Loop: HL	Elements: 5

User Option (Usage): Sysco Recommended

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

Syntax Rules:

1. C0102 - If TD101 is present, then TD102 is required.
2. C0607 - If TD106 is present, then TD107 is required.
3. P0708 - If either TD107 or TD108 is present, then the other is required.

Sysco Specific Notes:

Recommended by Sysco.

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 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 Sysco Specific Notes: Sysco uses "CAS" for Case in TD101. All valid standard codes are used.	O	AN	3/5	Sysco Must use
TD102	80	Lading Quantity Description: Number of units (pieces) of the lading commodity	X	N0	1/7	Sysco Must use
TD106	187	Weight Qualifier Description: Code defining the type of weight iTN User Note 1: TD1 repeats 2 times if both Gross and Net weights are included Sysco Specific Notes: Sysco uses "G" for GROSS WEIGHT in TD106.	O	ID	1/2	Sysco Must use
		Code Name G Gross Weight Sysco Specific Notes: Required N Actual Net Weight Sysco Specific Notes: Required if Catch Weight				
TD107	81	Weight Description: Numeric value of weight	X	R	1/10	Sysco Must use
TD108	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Sysco Specific Notes: Sysco uses "LB" for TD108.	X	ID	2/2	Sysco Must use
		Code Name KG Kilogram LB Pound				

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 120	Max: 1
Detail - Optional	
Loop: HL	Elements: 1

User Option (Usage): Sysco Recommended

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

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.

Sysco Specific Notes:

Recommended by Sysco.

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	X	ID	1/2	Used

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

Sysco Specific Notes: Sysco Uses either "H" (Customer Pickup) or "M" (Motor Common Carrier) for TD108.

Code Name

H	Customer Pickup
M	Motor (Common Carrier)
R	Rail
T	Best Way (Shippers Option)
AF	Air Freight
CE	Customer Pickup / Customer's Expense
LT	Less Than Trailer Load (LTL)
SR	Supplier Truck
ST	Stack Train
VE	Vessel, Ocean

TD3 Carrier Details (Equipment)

Pos: 130	Max: 2
Detail - Optional	
Loop: HL	Elements: 4

User Option (Usage): Used

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

Syntax Rules:

1. C0203 - If TD302 is present, then TD303 is required.

iTN User Note 1:

For original seal numbers, one iteration of the TD3 segment should be transmitted where TD308='01' (Intact).

For replacement seal numbers, two iterations of the TD3 segment should be transmitted. The first TD308='01' (Intact) should be transmitted indicating the existing seal number. The second TD308='04' (Replaced) should be transmitted indicating the seal number that was replaced.

Sysco Specific Notes:

This segment is not required by Sysco.

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>
TD302	206	Equipment Initial Description: Prefix or alphabetic part of an equipment unit's identifying number iTN User Note 1: Container prefix	O	AN	1/4	Sysco Recommended
TD303	207	Equipment Number Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) iTN User Note 1: Container ID	X	AN	1/10	Used
TD308	407	Seal Status Code Description: Code indicating condition of door seal upon arrival Code Name 01 Intact 04 Replaced	O	ID	2/2	Used
TD309	225	Seal Number Description: Unique number on seal used to close a shipment Sysco Specific Notes: Required if selected for a specific DC	O	AN	2/15	Used

REF Reference Identification

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

User Option (Usage): Used

To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

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 Description: Code qualifying the Reference Identification <u>Code</u> <u>Name</u> 2I Tracking Number	M	ID	2/3	Sysco Recommended
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Sysco Specific Notes: <i>Place your Bill of Lading Number in REF02 and use "2I" as the qualifier in REF01.</i> <i>Or</i> <i>Place a Pickup Number (Required if cross doc shipment)</i>	X	AN	1/30	Sysco Recommended

DTM Date/Time Reference

Pos: 200	Max: 5
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Sysco Must use

To specify pertinent dates and times

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

Sysco Specific Notes:

Required by Sysco.

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 Description: Code specifying type of date or time, or both date and time Sysco Specific Notes: Code 011 required	M	ID	3/3	Sysco Must use
		Code Name				
	002	Delivery Requested <i>PO delivery date</i>				
	010	Requested Ship <i>PO ship date</i>				
	011	Shipped <i>Actual shipped date</i>				
	065	1st Schedule Delivery <i>Arrival appointment date</i>				
	371	Estimated Arrival Date <i>Estimated arrival based upon actual shipped (011) date</i>				
DTM02	373	Date Description: Date expressed as CCYYMMDD	X	DT	8/8	Used

N1 Name

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

User Option (Usage): Sysco Must use

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

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Sysco Specific Notes:

Required by Sysco.

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 Description: Code identifying an organizational entity, a physical location, property or an individual iTN User Note 1: <i>SF and ST codes are required. Code CA required for delivered shipments. Code PW required for FOB shipments.</i> <u>Code Name</u> BR Broker BT Bill-to-Party CA Carrier PW Pick Up Address SF Ship From ST Ship To	M	ID	2/3	Sysco Must use
N102	93	Name Description: Free-form name	X	AN	1/60	Sysco Must use
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) Sysco Specific Notes: <i>Sysco prefers the DUNS# be used but will accept 93. If you have a "UL" you may send it here.</i> <u>Code 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 54 Warehouse 91 Assigned by Seller or Seller's Agent 92 Assigned by Buyer or Buyer's Agent UL UCC/EAN Location Code <i>GLN (Global Location Number)</i>	X	ID	1/2	Sysco Must use
N104	67	Identification Code Description: Code identifying a party or other code	X	AN	2/80	Sysco Must use

N3 Address Information

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

User Option (Usage): Used

To specify the location of the named party

Sysco Specific Notes:

Optional.

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 Description: Address information	M	AN	1/55	Sysco Must use
N302	166	Address Information Description: Address information	O	AN	1/55	Used

N4 Geographic Location

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

User Option (Usage): Used

To specify the geographic place of the named party

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Sysco Specific Notes:

Optional

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

PER Administrative Communications Contact

Pos: 270	Max: 3
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

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

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Sysco Specific Notes:

Sysco requires you to send this segment in the Ship From Loop.

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 Description: Code identifying the major duty or responsibility of the person or group named Code Name SH Shipper Contact	M	ID	2/2	Sysco Must use
PER02	93	Name Description: Free-form name	O	AN	1/60	Used
PER03	365	Communication Number Qualifier Description: Code identifying the type of communication number Code Name TE Telephone	X	ID	2/2	Used
PER04	364	Communication Number Description: Complete communications number including country or area code when applicable	X	AN	1/80	Used

HL Hierarchical Level

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

User Option (Usage): Used

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

Comments:

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

iTN User Note 1:

Order Level

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 Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Sysco Must use
HL02	734	Hierarchical Parent ID Number Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O	AN	1/12	Sysco Must use
HL03	735	Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure <u>Code</u> <u>Name</u> O Order	M	ID	1/2	Sysco Must use
HL04	736	Hierarchical Child Code Description: Code indicating if there are hierarchical child data segments subordinate to the level being described All valid standard codes are used.	O	ID	1/1	Not used

PRF Purchase Order Reference

Pos: 050	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Sysco Must use

To provide reference to a specific purchase order

Semantics:

1. PRF04 is the date assigned by the purchaser to 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 Description: Identifying number for Purchase Order assigned by the orderer/purchaser Sysco Specific Notes: Sysco Purchase Order from the 850 BEG03,	M	AN	1/22	Sysco Must use
PRF04	373	Date Description: Date expressed as CCYYMMDD iTN User Note 1: Order creation date Sysco Specific Notes: Sysco Purchase Order Date from the 850 BEG05.	O	DT	8/8	Sysco Must use
PRF07	92	Purchase Order Type Code Description: Code specifying the type of Purchase Order	O	ID	2/2	Sysco Recommended
		Code Name DS Dropship SO Shipped Order				

REF Reference Identification

Pos: 150	Max: 5
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Sysco Must use

To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

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 Description: Code qualifying the Reference Identification iTN User Note 1: Code IL required for iTN order identification Code Name	M	ID	2/3	Sysco Must use
		CR Customer Reference Number <i>Order Control number</i> Sysco Specific Notes: <i>Sysco requires the REF01 = "CR" as sent in the 850 REF segment.</i>				
		IL Internal Order Number <i>iTN Internal Order number - This is required if you did not send a Sales Order Number in the 855.</i>				
		VN Vendor Order Number <i>Vendor Sales Order number is required if you do not send the "IL"</i>				
		VR Vendor ID Number <i>Buyer's Internal Vendor ID</i> Sysco Specific Notes: <i>Sysco requires the REF01="VR". This is your SUVC supplied by Sysco.</i>				
		YD Buyer Identification Sysco Specific Notes: <i>Buyer ID is recommended by Sysco.</i>				
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/30	Sysco Must use

N1 Name

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

User Option (Usage): Sysco Must use

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

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

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 Description: Code identifying an organizational entity, a physical location, property or an individual iTN User Note 1: Codes VN and BY required	M	ID	2/3	Sysco Must use
		Code Name BY Buying Party (Purchaser) RE Party to receive commercial invoice remittance VN Vendor				
N102	93	Name Description: Free-form name	X	AN	1/60	Sysco Recommended
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) Code Name 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 91 Assigned by Seller or Seller's Agent 92 Assigned by Buyer or Buyer's Agent UL UCC/EAN Location Code GLN (Global Location Number)	X	ID	1/2	Used
N104	67	Identification Code Description: Code identifying a party or other code	M	AN	2/80	Sysco Must use

N3 Address Information

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

User Option (Usage): Used

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 Description: Address information	M	AN	1/55	Sysco Must use
N302	166	Address Information Description: Address information	O	AN	1/55	Used

N4 Geographic Location

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

User Option (Usage): Used

To specify the geographic place of the named party

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

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

HL Hierarchical Level

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

User Option (Usage): Sysco Must use

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

Comments:

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

iTN User Note 1:

Pallet/Tare Level

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 Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Sysco Must use
HL02	734	Hierarchical Parent ID Number Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	M	AN	1/12	Sysco Must use
HL03	735	Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure	M	ID	1/2	Sysco Must use

Code Name

T Shipping Tare

TD1 Carrier Details (Quantity and Weight)

Pos: 110	Max: 2
Detail - Optional	
Loop: HL	Elements: 5

User Option (Usage): Sysco Recommended

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

Syntax Rules:

1. C0102 - If TD101 is present, then TD102 is required.
2. C0607 - If TD106 is present, then TD107 is required.
3. P0708 - If either TD107 or TD108 is present, then the other is required.

Sysco Specific Notes:

Sysco recommends using this if needed.

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 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 Name CAS Case	O	AN	3/5	Sysco Must use
TD102	80	Lading Quantity Description: Number of units (pieces) of the lading commodity	X	N0	1/7	Sysco Must use
TD106	187	Weight Qualifier Description: Code defining the type of weight Code Name G Gross Weight N Actual Net Weight	O	ID	1/2	Used
TD107	81	Weight Description: Numeric value of weight	X	R	1/10	Used
TD108	355	Unit or Basis for Measurement Code 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.	X	ID	2/2	Used

MAN Marks and Numbers

Pos: 190	Max: >1
Detail - Mandatory	
Loop: HL	Elements: 4

User Option (Usage): Sysco Must use

To indicate identifying marks and numbers for shipping containers

Syntax Rules:

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

Semantics:

1. MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.

Comments:

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

Sysco Specific Notes:

Sysco requires this segment.

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 Description: Code specifying the application or source of Marks and Numbers (87) Code Name	M	ID	1/2	Sysco Must use
MAN02	87	GM SSCC-18 and Application Identifier Marks and Numbers Description: Marks and numbers used to identify a shipment or parts of a shipment iTN User Note 1: LPN Number	M	AN	1/48	Sysco Must use
MAN04	88	Marks and Numbers Qualifier Description: Code specifying the application or source of Marks and Numbers (87) Code Name	X	ID	1/2	Used
		SI Self-Identifying Container via Radio Frequency ID Device				
MAN05	87	Marks and Numbers Description: Marks and numbers used to identify a shipment or parts of a shipment	X	AN	1/48	Used

PAL Pallet Information

Pos: 215	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Used

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PAL01	883	Pallet Type Code Description: Code indicating the type of pallet	O	ID	1/2	Used
		<u>Code</u> <u>Name</u> 4 Standard				
PAL02	884	Pallet Tiers Description: The number of layers per pallet	O	N0	1/3	Used
PAL03	885	Pallet Blocks Description: The number of pieces (cartons) per layer on the pallet	O	N0	1/3	Used

HL Hierarchical Level

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

User Option (Usage): Sysco Must use

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

Comments:

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

iTN User Note 1:

Item/Case Level

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 Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Sysco Must use
HL02	734	Hierarchical Parent ID Number Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	M	AN	1/12	Sysco Must use
HL03	735	Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure	M	ID	1/2	Sysco Must use

Code Name

I Item

LIN Item Identification

Pos: 020	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 9

User Option (Usage): Sysco Must use

To specify basic item identification data

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

iTN User Note 1:

Either Case Code or Product Code required in LIN03, LIN05 or LIN07.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN01	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set Sysco Specific Notes: Sysco requires this element. If you cannot support, EFS/ITN will augment the Sysco document with the appropriate value from our database.	O	AN	1/20	Sysco Must use
LIN02	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name UA U.P.C./EAN Case Code (2-5-5) UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) UP U.P.C. Consumer Package Code (1-5-5-1)	M	ID	2/2	Sysco Must use
LIN03	234	Product/Service ID Description: Identifying number for a product or service	M	AN	1/48	Sysco Must use
LIN04	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name MG Manufacturer's Part Number Sysco Specific Notes: Not used by Sysco. VN Vendor's (Seller's) Item Number Sysco Specific Notes: Required by Sysco.	X	ID	2/2	Sysco Must use
LIN05	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Sysco Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN06	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name PI Purchaser's Item Code	X	ID	2/2	Sysco Must use
LIN07	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Sysco Must use
LIN08	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name CH Country of Origin Code	X	ID	2/2	Used
LIN09	234	Product/Service ID Description: Identifying number for a product or service Sysco Specific Notes: Use 'US' for domestic, other valid country code for non-domestic, or leave blank if unknown.	X	AN	1/48	Used

SN1 Item Detail (Shipment)

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

User Option (Usage): Sysco Must use

To specify line-item detail relative to shipment

Comments:

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

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 Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	M	R	1/10	Sysco Must use
SN103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Sysco Specific Notes: <i>Sysco requires SN103=CA for Cases.</i>	M	ID	2/2	Sysco Must use

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

PID Product/Item Description

Pos: 070	Max: 200
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used

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

Syntax Rules:

1. R0405 - At least one of PID04 or PID05 is required.

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 Description: Code indicating the format of a description Code Name F Free-form	M	ID	1/1	Sysco Must use
PID05	352	Description Description: A free-form description to clarify the related data elements and their content	X	AN	1/80	Used

MEA Measurements

Pos: 080	Max: 40
Detail - Optional	
Loop: HL	Elements: 4

User Option (Usage): Sysco Recommended

To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

Syntax Rules:

1. R03050608 - At least one of MEA03, MEA05, MEA06 or MEA08 is required.
2. C0504 - If MEA05 is present, then MEA04 is required.

Semantics:

1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

iTN User Note 1:

For Random Weight Orders, MEA Weight and SN1 Case quantity required

Sysco Specific Notes:

Sysco recommends sending this segment.

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>
MEA01	737	Measurement Reference ID Code Description: Code identifying the broad category to which a measurement applies <u>Code Name</u> WT Weights	O	ID	2/2	Used
MEA02	738	Measurement Qualifier Description: Code identifying a specific product or process characteristic to which a measurement applies <u>Code Name</u> G Gross Weight N Actual Net Weight VOL Volume	O	ID	1/3	Used
MEA03	739	Measurement Value Description: The value of the measurement	X	R	1/20	Used
MEA04	C001	Composite Unit of Measure Description: To identify a composite unit of measure(See Figures Appendix for examples of use)	X	Comp		Used
	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code Name</u> CF Cubic Feet KG Kilogram LB Pound	M	ID	2/2	Sysco Must use

MAN Marks and Numbers

Pos: 190	Max: >1
Detail - Optional	
Loop: HL	Elements: 4

User Option (Usage): Used

To indicate identifying marks and numbers for shipping containers

Syntax Rules:

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

Semantics:

1. MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.

Comments:

1. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

iTN User Note 1:

Used for Case-level tracking

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 Description: Code specifying the application or source of Marks and Numbers (87)	M	ID	1/2	Sysco Must use
		Code Name GM SSCC-18 and Application Identifier				
MAN02	87	Marks and Numbers Description: Marks and numbers used to identify a shipment or parts of a shipment	M	AN	1/48	Sysco Must use
MAN04	88	Marks and Numbers Qualifier Description: Code specifying the application or source of Marks and Numbers (87)	X	ID	1/2	Used
		Code Name SI Self-Identifying Container via Radio Frequency ID Device				
MAN05	87	Marks and Numbers Description: Marks and numbers used to identify a shipment or parts of a shipment	X	AN	1/48	Used

HL Hierarchical Level

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

User Option (Usage): Used

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

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.

iTN User Note 1:

LOT Level

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 Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Used
HL02	734	Hierarchical Parent ID Number Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O	AN	1/12	Sysco Must use
HL03	735	Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure	M	ID	1/2	Sysco Must use
		Code Name				
		UT Unit or Lot				

SLN Subline Item Detail

Pos: 040	Max: 1000
Detail - Optional	
Loop: HL	Elements: 5

User Option (Usage): Used

To specify product subline detail item data

Syntax Rules:

1. P0405 - If either SLN04 or SLN05 is present, then the other is required.
2. P0910 - If either SLN09 or SLN10 is present, then the other is required.

Semantics:

1. SLN01 is the identifying number for the subline item.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3. SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

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 Description: Alphanumeric characters assigned for differentiation within a transaction set	M	AN	1/20	Sysco Must use
SLN04	380	Quantity Description: Numeric value of quantity <i>iTN User Note 1: SLN04 LOT case quantities must add up to the total case quantity.</i>	X	R	1/15	Used
SLN05	C001	Composite Unit of Measure Description: To identify a composite unit of measure(See Figures Appendix for examples of use)	X	Comp		Used
	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M	ID	2/2	Sysco Must use
		Code Name CA Case				
SLN09	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2	Used
		Code Name LT Lot Number				
SLN10	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used

DTM Date/Time Reference

Pos: 200	Max: 2
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

Sysco Specific Notes:

Optional unless you are reporting Lot Expiration Dates or Manufacturer 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>
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time Code Name 094 Manufacture 208 Lot Number Expiration	M	ID	3/3	Used
DTM02	373	Date Description: Date expressed as CCYYMMDD	X	DT	8/8	Used

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Elements: 6

User Option (Usage): Used

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

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

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 Description: Total number of line items in the transaction set	M	NO	1/6	Sysco Must use
CTT02	347	Hash Total Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	O	R	1/10	Used
CTT03	81	Weight Description: Numeric value of weight	X	R	1/10	Used
CTT04	355	Unit or Basis for Measurement Code 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.	X	ID	2/2	Used
CTT05	183	Volume Description: Value of volumetric measure	X	R	1/8	Used
CTT06	355	Unit or Basis for Measurement Code 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.	X	ID	2/2	Used

SE Transaction Set Trailer

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

User Option (Usage): Sysco Must use

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

Comments:

1. SE is the last segment of each 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>
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	NO	1/10	Sysco Must use
SE02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Sysco Must use

Table of Contents

Ship Notice/Manifest	2
Transaction Set Header	4
Beginning Segment for Ship Notice	5
Hierarchical Level	6
Carrier Details (Quantity and Weight)	7
Carrier Details (Routing Sequence/Transit Time)	8
Carrier Details (Equipment)	9
Reference Identification	10
Date/Time Reference	11
Name	12
Address Information	13
Geographic Location	14
Administrative Communications Contact	15
Hierarchical Level	16
Purchase Order Reference	17
Reference Identification	18
Name	19
Address Information	20
Geographic Location	21
Hierarchical Level	22
Carrier Details (Quantity and Weight)	23
Marks and Numbers	24
Pallet Information	25
Hierarchical Level	26
Item Identification	27
Item Detail (Shipment)	29
Product/Item Description	30
Measurements	31
Marks and Numbers	32
Hierarchical Level	33
Subline Item Detail	34
Date/Time Reference	35
Transaction Totals	36
Transaction Set Trailer	37