856 Ship Notice/Manifest

Functional Group ID=SH

Introduction:

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

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BSN	Beginning Segment for Ship Notice	M	1			Must use
030	DTM	Date/Time Reference	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**200000**	**C2/010L**	
010	HL	Hierarchical Level	M	1		C2/010	Must use
110	TD1	Carrier Details (Quantity and Weight)	O	20			Used
120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used
130	TD3	Carrier Details (Equipment)	O	12			Used
160	REF	Reference Identification	O	>1			Used
LOOP ID - N1					**200**		
350	N1	Name	O	1			Used
LOOP ID - HL					**200000**	**C2/540L**	
540	HL	Hierarchical Level	M	1		C2/540	Must use
550	REF	Reference Identification	O	>1			Used
020	LIN	Item Identification	O	1			Used
030	SN1	Item Detail (Shipment)	O	1			Used

Summary:

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

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.
2/010 The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
2/540L The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
2/540 The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

ST Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **All valid standard codes are used.**	M	ID	3/3	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	Must use

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).

BSN Beginning Segment for Ship Notice

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

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN01	353	**Transaction Set Purpose Code** **Description:** Code identifying purpose of transaction set	M	ID	2/2	Must use
		Code / **Name**				
		00 Original				
Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
BSN02	396	**Shipment Identification** **Description:** Supplier Shipper ID	M	AN	2/8	Must use
BSN03	373	**Date** **Description:** Date expressed as CCYYMMDD (shipped date)	M	DT	8/8	Must use
BSN04	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM where H = hours (00-23), M = minutes (00-59)	M	TM	4/8	Must use
BSN05	1005	**Hierarchical Structure Code** **Description:** Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set	O	ID	4/4	Used
		Code / **Name**				
		0001 Shipment, Order, Packaging, Item				
		0004 Shipment, Order, Item				

Syntax:

1. C0706 - If BSN07 is present, then all of BSN06 are required

Semantics:

1. BSN03 is the date the shipment transaction set is created.
2. BSN04 is the time the shipment transaction set is created.
3. BSN06 is limited to shipment related codes.

Comments:

1. BSN06 and BSN07 differentiate the functionality of use for the transaction set.

DTM Date/Time Reference

Pos: 030	Max: 1
Heading – Optional	
Loop: N/A	Element s: 2

User Option (Usage): Used

To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier** **Description:** Code specifying type of date or time, or both date and time	M	ID	3/3	Must use
		Code / **Name**				
		011 Shipped				
		017 Estimated Delivery				
Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
DTM02	373	**Date** **Description:** Date expressed as CCYYMMDD	C	DT	8/8	Used

Syntax:

1. R020305 - At least one of DTM02,DTM03,DTM05 is required
2. C0403 - If DTM04 is present, then all of DTM03 are required
3. P0506 - If either DTM05,DTM06 is present, then all are required

Comments:

1. Only one DTM segment – either qualifier 011 or 017 is required

Loop HL

Pos:	Repeat:
010	200000
Mandatory	
Loop: HL	Elements: N/A

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	HL	Hierarchical Level	M	1		Must use
110	TD1	Carrier Details (Quantity and Weight)	O	20		Used
120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		Used
130	TD3	Carrier Details (Equipment)	O	12		Used
160	REF	Reference Identification	O	>1		Used
350		Loop N1	O		200	Used
540		Loop HL	M		200000	Must use

HL Hierarchical Level

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Element s: 4

User Option (Usage): Must use

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
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	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	Used
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure	M	ID	1/2	Must use
		Code / **Name**				
		S / Shipment				
Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
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	Used

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.

TD1 Carrier Details (Quantity and Weight)

Pos: 110	Max: 20
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	O	AN	3/5	Used
		Code / **Name**				
		CNT — Container				
		CRT — Crate				
		CTN — Carton				
		PCS — Pieces				
		PLT — Pallet				
		Code / **Name**				
		25 — Corrugated or Solid				
		71 — Not Otherwise Specified				
		90 — Standard				
		94 — Wood				
Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
TD102	80	**Lading Quantity** **Description:** Number of units (pieces) of the lading commodity	C	N0	1/7	Used

Syntax:

1. C0102 - If TD101 is present, then all of TD102 are required
2. C0304 - If TD103 is present, then all of TD104 are required
3. C0607 - If TD106 is present, then all of TD107 are required
4. P0708 - If either TD107,TD108 is present, then all are required
5. P0910 - If either TD109,TD110 is present, then all are required

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 120	Max: 12
Detail - Optional	
Loop: HL	Element s: 4

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD501	133	**Routing Sequence Code** **Description:** Code describing the relationship of a carrier to a specific shipment movement	O	ID	1/2	Used
		Code / **Name**				
		B / Origin/Delivery Carrier (Any Mode)				
Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
TD502	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67)	C	ID	1/2	Used
		Code / **Name**				
		2 / Standard Carrier Alpha Code (SCAC)				
Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
TD503	67	**Identification Code** **Description:** Code identifying a party or other code	C	AN	2/80	Used
TD504	91	**Transportation Method/Type Code** **Description:** Code specifying the method or type of transportation for the shipment	C	ID	1/2	Used
		Code / **Name**				
		A / Air				
		M / Motor (Common Carrier)				
		R / Rail				

Syntax:

1. R0204050612 - At least one of TD502,TD504,TD505,TD506,TD512 is required
2. C0203 - If TD502 is present, then all of TD503 are required
3. C0708 - If TD507 is present, then all of TD508 are required
4. C1011 - If TD510 is present, then all of TD511 are required
5. C1312 - If TD513 is present, then all of TD512 are required
6. C1413 - If TD514 is present, then all of TD513 are required
7. C1512 - If TD515 is present, then all of TD512 are required

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

TD3 Carrier Details (Equipment)

Pos: 130	Max: 12
Detail - Optional	
Loop: HL	Element s: 3

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD301	40	**Code identifying the equipment used for shipment**	O	ID	2/2	Used
		Code / **Name**				
		TL / Truck				
Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
TD302	206	**Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number**	O	AN	1/4	Used
TD303	207	**Equipment Number Sequencing or serial part of an equipment unit's identifying number (Vehicle ID number)**	C	AN	1/10	Used
Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
TD304	187	**Weight Qualifier** **Description:** Code defining the type of weight	O	ID	1/2	Used
		Code / **Name**				
		G / Gross Weight				
Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
TD305	81	**Weight** **Description:** Numeric value of weight	C	R	1/10	Used
TD306	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	C	ID	2/2	Used
		Code / **Name**				
		LB / Pound				

Syntax:

1. E0110 - Only one of TD301,TD310 may be presented
2. C0203 - If TD302 is present, then all of TD303 are required
3. C0405 - If TD304 is present, then all of TD305 are required
4. P0506 - If either TD305,TD306 is present, then all are required

REF Reference Identification

Pos: 160	Max: >1
Detail - Optional	
Loop: HL	Element s: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification	M	ID	2/3	Must use
		Code / **Name**				
		BM — Bill of Lading Number				
		PK — Packing List Number				
Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/20	Used

Syntax:

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

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop N1

Pos:	Repeat:
350	200
Optional	
Loop:	Elements: N/A
N1	

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
350	N1	Name	O	1		Used

N1 Name

Pos: 350	Max: 1
Detail - Optional	
Loop: N1	Element s: 4

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Must use
		Code / **Name**				
		SU — Supplier				
		SF — Ship From (INERGY Site)				
		ST — Ship To (Destination)				
Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
N102	93	**Name** **Description:** Free-form name	C	AN	1/35	Used
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67)	C	ID	1/2	Used
		Code / **Name**				
		92 — Assigned by Buyer or Buyer's Agent				
Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
N104	67	**Identification Code** **Description:** Code identifying a party or other code	C	AN	2/17	Used

Syntax:

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

Loop HL

Pos:	Repeat:
540	200000
Mandatory	
Loop:	Elements: N/A
HL	

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
540	HL	Hierarchical Level	M	1		Must use
550	REF	Reference Identification	O	>1		Used
020	LIN	Item Identification	O	1		Used
030	SN1	Item Detail (Shipment)	O	1		Used

HL Hierarchical Level

Pos: 540	Max: 1
Detail - Mandatory	
Loop: HL	Element s: 4

User Option (Usage): Must use

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
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	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	Used
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure	M	ID	1/2	Must use
		Code / **Name** I — Item P — Pack T — Shipping Tare				
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	Used

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.

LIN Item Identification

Pos: 020	Max: 1
Detail - Optional	
Loop: HL	Elements: 5

User Option (Usage): Used

To specify basic item identification data

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	O	AN	1/20	Used
LIN02	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M	ID	2/2	Must use
		Code / **Name**				
		BP — Buyer's Part Number				
Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
LIN03	234	**Product/Service ID** **Description:** Identifying number for a product or service	M	AN	1/15	Must use
LIN04	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2	Used
		Code / **Name**				
		PO — INERGY PO (retrieved from inbound 830)				
Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
LIN05	234	**Product/Service ID** **Description:** Identifying number for a product or service	C	AN	1/16	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN06	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2	Used
		Code / **Name**				
		ZZ — Original PO (retrieved from inbound 830)				
Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
LIN07	234	**Product/Service ID** **Description:** Identifying number for a product or service	C	AN	1/16	Used

Syntax:

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

4. P1011 - If either LIN10,LIN11 is present, then all are required
5. P1213 - If either LIN12,LIN13 is present, then all are required
6. P1415 - If either LIN14,LIN15 is present, then all are required
7. P1617 - If either LIN16,LIN17 is present, then all are required
8. P1819 - If either LIN18,LIN19 is present, then all are required
9. P2021 - If either LIN20,LIN21 is present, then all are required
10. P2223 - If either LIN22,LIN23 is present, then all are required
11. P2425 - If either LIN24,LIN25 is present, then all are required
12. P2627 - If either LIN26,LIN27 is present, then all are required
13. P2829 - If either LIN28,LIN29 is present, then all are required
14. P3031 - If either LIN30,LIN31 is present, then all are required

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

SN1 Item Detail (Shipment)

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

User Option (Usage): Used

To specify line-item detail relative to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	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	M	ID	2/2	Must use
SN104	646	**Number of units shipped to date**	O	R	1/10	use

Syntax:

1. P0506 - If either SN105,SN106 is present, then all are required

Semantics:

1. SN101 is the ship notice line-item identification.

Comments:

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

REF Reference Numbers

Pos: 150	Max: 200
Summary - Optional	
Loop: HL Mandatory	Elements: 1

User Option (Usage): Used

To specify identifying numbers

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Code qualifying the reference number DK = dock code**	M	ID	2/2	Must use
REF02	127	**Reference number or identification number as defined for a particular transaction set, or as specified by the reference number qualifier**	M	ID	1/15	Must use

CLD Load Detail

Pos: 170	Max: 1
Summary - Optional	
Loop: N/A	Element s: 1

User Option (Usage): Used

To specify the number of material loads shipped

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CLD01	622	**Number of customer-defined loads shipped by the supplier**	M	R	1/5	Must use
CLD02	382	**Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set**	M	R	1/10	Must use
CLD03	103	**Code identifying the type of packaging, Part 1: Packaging Form, Part 2: Packaging material CNT Container 71 Not otherwise specified**	M	ID	5/5	Must use

Comments:

1. The CLD data segment may be used to provide information to aid in the preparation of move tags and/or bar coded labels.

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Element s: 1

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set	M	N0	1/6	Must use

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

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

SE Transaction Set Trailer

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

User Option (Usage): 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)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	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	Must use

Comments:

1. SE is the last segment of each transaction set.

ASN Examples: (Example below is provided as-is and does not preclude definitions above).

ISA*00* *00* *12*SUPPLIER_ISA *12*INERGY_ISA *040205*1244*U*00401*000002429*0*P*^
GS*SH*SUPPLIERDUNS*INERGYDUNS*040205*1244*2432*X*004010
ST*856*0001
BSN*00*SUPPLIER_SHIPID*040205*1243
DTM*011*040205*1243*ET
HL*1**S
TD1*CTN71*2
TD5*B*2*ZUMQ*M
TD3*TL**Vehicle_ID*G*500*LB
REF*PK* SUPPLIER_SHIPID
REF*BM* SUPPLIER_SHIPID
N1*SU**92*SUPPLIERTPADDRCODE
N1*SF**92* INERGYTPSITECODE
N1*ST**01*SHIPTOCODE
HL*2*1*I
LIN**BP*VJ5983*PO*INERGY_PO*ZZ*ULTIMATE_PO
SN1**36*EA*0
REF*PK* SUPPLIER_SHIPID
REF*DK*00
CLD*36*1*CNT71
HL*3*1*I
LIN**BP*VJ5984*PO*INERGY_PO*ZZ*ULTIMATE_PO
SN1**36*EA*0
REF*PK* SUPPLIER_SHIPID
REF*DK*00
CLD*36*1*CNT71
CTT*2*72
SE*25*0001
GE*1*2432
IEA*1*000002429

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