

856 Ship Notice / Manifest – Version 4010

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:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comment</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BSN	Beginning Segment for Ship Notice	M	1		
Must Use	040	DTM	Date/Time Reference	O	10		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
							200000
LOOP ID - HL (Shipment)							
Must Use	010	HL	Hierarchical Level	M	1		
Must Use	120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Must Use	150	REF	Reference Identification	O	>1		
Must Use	200	DTM	Date/Time Reference	O	10		
Must Use	220	N1	Name	O	1		
LOOP ID – HL (Order)							
Must Use	010	HL	Hierarchical Level	M	1		
Must Use	050	PRF	Purchase Order Reference	O	1		
							>1
LOOP ID – SAC							
Must Use	320	SAC	Service, Promotion, Allowance, or Charge information	O	1		
LOOP ID – HL (Item)							
Must Use	010	HL	Hierarchical Level	M	1		
Must Use	020	LIN	Item Identification	O	1		
Must Use	030	SN1	Item Detail (Shipment)	O	1		
Must Use	050	PRF	Purchase Order Reference	O	1		
Must Use	150	REF	Reference Identification	O	>1		

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	CTT	Transaction Totals	O	1		n1
Must Use	020	SE	Transaction Set Trailer	M	1		
Must Use		GE	Functional Group Trailer	M	1		
Must Use		IEA	Interchange Control Trailer	M	1		

Transaction Set Notes

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

Transaction Set Comments

1. The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 3/3
>>	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Segment: **BSN** Beginning Segment for Ship Notice
Position: 020
Loop:
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set
Syntax Notes:
Semantic Notes:

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

Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>>	BSN01	353 Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2
>>	BSN02	396 Shipment Identification A unique control number assigned by the original shipper to identify a specific shipment	M AN 2/30
>>	BSN03	373 Date Date expressed as CCYYMMDD	M DT 8/8
>>	BSN04	337 Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M TM 4/8

Segment: **DTM** Date/Time Reference
Position: 040
Loop:
Level: Heading:
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.
 2 If DTM04 is present, then DTM03 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>> DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 011 Shipped	M ID 3/3
>> DTM02	373	Date Date expressed as CCYYMMDD	C DT 8/8
>> DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	C TM 4/8
DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **HL** Hierarchical Level
Position: 010
Loop: HL (Shipment) Mandatory
Level: Detail:
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:

Semantic Notes:

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

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	HL01	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M AN 1/12
	HL02	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to Blank (No Parent HL)	O AN 1/12
>>	HL03	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure S Shipment	M ID 1/2
	HL04	Hierarchical Child Code Code indicating if there are hierarchical child data segments subordinate to the level being described 1 Additional Subordinate HL'	O ID 1/1

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 120
Loop: HL (Shipment)
Level: Detail:
Usage: Optional
Max Use: 12
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes: 1 At least one of TD502 or TD506 is required.
 2 If TD502 is present, then TD503 is required.
Semantic Notes:
Comments: 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>> TD0501	133	Routing Sequence Code Code describing relationship of a carrier to a specific shipment movement B Origin/Delivery Carrier	O ID 1/2
>> TD0502	66	Identification Code Code identifying a party or other code 2 SCAC (Standard Carrier Alpha Code)	C ID 1/2
>> TD503	67	Identification Code Code identifying a party of other code SCAC code	C AN 2/80
>> TD504	91	Identification Code Code specifying the method or type of transportation for the shipment M Motor A Air	C ID 1/2
TD505	387	Routing Free-form description of the routing of requested routing for shipment, or the originating carrier's identity	C AN 1/35

Segment: **REF** Reference Identification
Position: 150
Loop: HL (Shipment)
Level: Detail:
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: At least one of REF02 or REF03 is required
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BM Bill of Lading Number 2I Tracking Number	M ID 2/3
>>	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	C AN 1/80

Segment: **N1** Name
Position: 220
Loop: HL (Shipment)
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:

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

Semantic Notes:
Comments:

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

Data Element Summary

Ref.	Data	Name		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
>>	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			ST Ship to	
			SF Ship from	
			SU Supplier	
>>	N102	93	Name	C AN 1/60
			Free-form name	
>>	N103	66	Identification Code Qualifier	C ID 1/2
			Code designating the system/method of code structure used for Identification	
			92 Assigned by Buyer or Buyer's agent	
>>	N104	67	Identification Code	C AN 2/80
			Code identifying a party or other code	
			Comments:	
			<ul style="list-style-type: none"> • In the N1 ship-to loop, this code must be the branch number. • Ex. AL09, CA78, EC01... 	

Segment: **HL** Hierarchical Level

Position: 010
Loop: HL (Order) Mandatory
Level: Detail:
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:

Semantic Notes:

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

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	HL01	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M AN 1/12
	HL02	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O AN 1/12
>>	HL03	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure	M ID 1/2
		O Order	
	HL04	Hierarchical Child Code Code indicating if there are hierarchical child data segments subordinate to the level being described	O ID 1/1
		1 Additional Subordinate HL'	

Segment: **PRF** Purchase Order Reference

Position: 050
Loop: HL (Order)
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To provide reference to a specific purchase order
Syntax Notes:
Semantic Notes: 1 PRF04 is the date assigned by the purchaser to purchase order.
Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>> PRF01	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22
PRF02	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30
PRF03	327	Change Order Sequence Number Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	O AN 1/8
>> PRF04	373	Date Date expressed as CCYYMMDD	O DT 8/8
>> PRF05	350	Assigned Identification Motion Industries PO Line Number	
PRF06	367	Contract Number Contract number	O AN 1/30
PRF07	92	Purchase Order Type Code Code specifying the type of Purchase Order Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **SAC** Service, Promotion, Allowance, or Charge Information

Position: 040
Loop: SAC (HL: Order) Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:

- 1 At least one of SAC02 or SAC03 is required.
- 2 If either SAC03 or SAC04 is present, then the other is required.
- 3 If either SAC06 or SAC07 is present, then the other is required.
- 4 If either SAC09 or SAC10 is present, then the other is required.
- 5 If SAC11 is present, then SAC10 is required.
- 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
- 7 If SAC14 is present, then SAC13 is required.

Semantic Notes:

- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
- 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
- 3 SAC08 is the allowance or charge rate per unit.
- 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
- 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
- 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

Comments:

- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
- 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>>	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A Allowance	
		C Charge	

N No Allowance or Charge

>>	SAC02	1300	Service, Promotion, Allowance, or Charge Code	C	ID 4/4
			Code identifying the service, promotion, allowance, or charge		
			A480 Assembly		
			A720 Broken Package		
			A880 Cancellation		
			B700 Converting		
			B800 Credit		
			B940 Cutting Charge		
			D240 Freight		
			F050 Other (see related description)		
			G400 Repair		
>>	SAC05	610	Amount	O	N2 1/15
			Monetary Amount		
	SAC15	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment: **HL** Hierarchical Level
Position: 010
Loop: HL (Item) Mandatory
Level: Detail:
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:

Semantic Notes:

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

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
>>	HL01	628 Hierarchical ID Number	M AN 1/12 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 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 Code defining the characteristic of a level in a hierarchical structure
		I Item	
	HL04	736 Hierarchical Child Code	O ID 1/1 Code indicating if there are hierarchical child data segments subordinate to the level being described

Segment: **LIN** Item Identification

Position: 020

Loop: HL (Item)

Level: Detail:

Usage: Optional

Max Use: 1

Purpose: To specify basic item identification data

Syntax Notes:

Semantic Notes: 1 LIN01 is the line item identification

Comments: 1 See the Data Dictionary for a complete list of IDs.
 2 LIN02 through LIN03 provide product/service ID for an item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	LIN01	350 Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
>>	LIN02	235 Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) BP Buyers Part Number	M ID 2/2
>>	LIN03	234 Product/Service ID Identifying number for a product or service Mino Number (Motion Industries Number – Supplied in the inbound 850)	M AN 1/48
>>	LIN04	235 Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) SK Buyer's Stock Keeping Unit Number	M ID 2/2
>>	LIN05	234 Product/Service ID Identifying number for a product or service SKU Number (Supplied in the inbound 850)	M AN 1/48
>>	LIN06	235 Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) VP Vendor's Part Number	M ID 2/2
>>	LIN07	234 Product/Service ID Identifying number for a product or service Vendor part number used for the item being shipped	M AN 1/48
>>	LIN08	235 Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) UP UPC Number	M ID 2/2
>>	LIN09	234 Product/Service ID Identifying number for a product or service Vendors UPC number for the part being purchased	M AN 1/48
>>	LIN10	235 Product/Service ID Qualifier	M ID 2/2

			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			PO Purchase Order Number		
>>	LIN11	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			Motion Industries Purchase Order Number		
>>	LIN12	235	Product/Service ID Qualifier	M	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			PL Purchase Order Line Number		
>>	LIN13	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			Motion Industries Purchase Order Line Number		
>>	LIN14	235	Product/Service ID Qualifier	M	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			CR Contract Number		
>>	LIN15	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			Motion Industries Order Control Number (OCN)		

Segment: **SN1** Item Detail (Shipment)
Position: 030
Loop: HL (Item)
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To specify line-item detail relative to shipment
Syntax Notes: 1 If either SN105 or SN106 is present, then the other is required.
Semantic Notes: 1 SN101 is the ship notice line-item identification.
Comments: 1 SN103 defines the unit of measurement for both SN102 and SN104.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>> SN101	350	Assigned Identification Code specifying the action taken by the seller on a line item requested by the buyer Refer to 004010 Data Element Dictionary for acceptable code values.	O AN 1/20
>> SN102	382	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	M R 1/10
>> SN103	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
SN104	646	Quantity Shipped to Date Number of units shipped to date	O R 1/15
SN105	330	Quantity Ordered Quantity ordered	C R 1/15
SN106	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	C ID 2/2

Segment: **PRF** Purchase Order Reference

Position: 050
Loop: HL (Item)
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To provide reference to a specific purchase order
Syntax Notes:
Semantic Notes: 1 PRF04 is the date assigned by the purchaser to purchase order.
Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>> PRF01	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22
PRF02	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30
PRF03	327	Change Order Sequence Number Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	O AN 1/8
>> PRF04	373	Date Date expressed as CCYYMMDD	O DT 8/8
>> PRF05	350	Assigned Identification Motion Industries PO Line Number	
PRF06	367	Contract Number Contract number	O AN 1/30
PRF07	92	Purchase Order Type Code Code specifying the type of Purchase Order Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **REF** Reference Identification
Position: 150
Loop: HL (Item)
Level: Detail:
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: At least one of REF02 or REF03 is required
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BM Bill of Lading Number 2I Tracking Number	M ID 2/3
>>	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	C AN 1/80

Segment: **CTT** Transaction Totals
Position: 010
Loop:
Level: Summary:
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
 2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

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

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

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

Data Element Summary

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