

**856 Ship Notice/Manifest**

**Version 5010 (additional versions also available)**

**Coca-Cola Refreshments – Customer Business Solutions**

**October, 2012**

**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. Seg. Req. Loop Notes and**

**No. ID Name Des. Max.Use Repeat Comments**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 010 | ST | Transaction Set Header | M | 1 |  |  |  |  |  |  |  |  |
|  | 020 | BSN | Beginning Segment for Ship Notice | M | 1 |  |  |  |  |  |  |  |  |

**Detail:**

**Pos. Seg. CCR Loop Notes and**

**No. ID Name Usage Max.Use Usage Comments**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | LOOP ID – HL - Shipment |  |  | 1 |  |  |  |  |  |
|  | 010 | HL | Hierarchical Level | M | 1 |  |  |  |  |  |  |
|  | 150 | REF | Reference Identification | M | 3 |  |  |  |  |  |  |
|  | 200 | DTM | Date/Time Reference | M | 3 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - N1 |  |  | 2 |  |  |  |  |  |
|  | 220 | N1 | Name | O | 1 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID – HL - Order | M |  | 1 |  |  |  |  |  |
|  | 010 | HL | Hierarchical Level | M | 1 |  |  |  |  |  |  |
|  | 050 | PRF | Purchase Order Reference | M | 1 |  |  |  |  |  |  |
|  |  |  | LOOP ID – HL – Tare (Pallet) | M |  | 200000 |  |  |  |  |  |
|  | 010 | HL | Hierarchical Level | M | 1 |  |  |  |  |  |  |
|  | 190 | MAN | Marks and Numbers | M | 3 |  |  |  |  |  |  |
|  |  |  | LOOP ID – HL – Item | M |  | 200000 |  |  |  |  |  |
|  | 010 | HL | Hierarchical Level | M | 1 |  |  |  |  |  |  |
|  | 020 | LIN | Item Identification | M | 1 |  |  |  |  |  |  |
|  | 030 | SN1 | Item Detail | M | 1 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
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**Summary:**

**Pos. Seg. CCR Loop Notes and**

**No. ID Name Usage Max.Use Repeat Comments**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 010 | CTT | Transaction Totals | M | 1 |  |  |  |  |  |  |  |  |
|  | 020 | SE | Transaction Set Trailer | M | 1 |  |  |  |  |  |  |  |  |

**Transaction Set Notes**

Number of line items (CTT01) is the accumulation of the number of HL segments.

**Transaction Set Comments**

HL segment is the only mandatory segment within the HL loop yet 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) is 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**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **ST01** | **143** | **Transaction Set Identifier Code** | **M** |  | **ID 3/3** | |
|  | | | Code uniquely identifying a Transaction Set | | | |
|  | | | SH | | | |
| **M** | **ST02** | **329** | **Transaction Set Control Number** | **M** |  | **AN 4/9** | |
|  | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | |

**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:** **1** If BSN07 is present, then BSN06 is required.

**Semantic Notes:** **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.

**Data Element Summary**

**CCR Ref. Data**

**Usage Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **BSN01** | **353** | **Transaction Set Purpose Code** | | | | **M** |  | **ID 2/2** | | | |
|  | | | Code identifying purpose of transaction set | | | | | | | | |
|  | | | 00 - Original | | | | | | | | |
| **M** | **BSN02** | **396** | **Shipment Identification** | | | | **M** |  | **AN 2/30** | | | |
|  | | | A unique control number assigned by the original shipper to identify a specific shipment | | | | | | | | |
| **M** | **BSN03** | **373** | **Date** | | | | **M** |  | **DT 8/8** | | | |
|  | | | Date expressed as CCYYMMDD  The date of the ship notice creation. | | | | | | | | |
| **M** | **BSN04** | **337** | **Time** | | | | **M** |  | **TM 4/8** | | | |
|  | | | Time expressed in 24-hour clock time as follows: HHMM  The time of the ship notice creation, local time. | | | | | | | | |
| **M** | **BSN05** | **1005** | **Hierarchical Structure Code** | | | | **O** | **1** | | **ID 4/4** | | | |
|  | | | Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set | | | | | | | |
|  | | | | 0001 |  | Shipment, Order, Packaging, Item | | | | |

**Segment: HL Hierarchical Level Shipment**

**Position:** 010

**Loop:** HL Hierarchical Level Shipment

**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**

**CCR Ref. Data**

**Usage Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **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  Sequential Counter | | | |
| **O** | **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 | | | |
| **M** | **HL03** | **735** | **Hierarchical Level Code** | **M** |  | **ID 1/2** | |
|  | | | Code defining the characteristic of a level in a hierarchical structure | | | |
|  | | | S - Shipment | | | |
|  | **HL04** | **736** | **Hierarchical Child Code** | **O** |  | **ID 1/1** | |
|  | | | Code indicating if there are hierarchical child data segments subordinate to the level being described | | | |
|  | | | Note: Not mapped for CCR ASN | | | |

**Segment: REF Reference Identification (Shipment)**

**Position:** 150

**Loop:** HL Hierarchical Level Shipment

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify identifying information

**Syntax Notes:** **1** At least one of REF02 or REF03 is required.

**2** If either C04003 or C04004 is present, then the other is required.

**3** If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

**Comments:**

**Data Element Summary**

**CCR Ref. Data**

**Usage Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** | |
|  | | | Code qualifying the Reference Identification | | | |
|  | | | BM - Bill of Lading Number  IA | VR - Vendor Number  DP – Department Number  MR – Merchandise Type Code  IV - Seller’s invoice number | | | |
| **M** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier  Bill of Lading Number  Bill of Lading Number Required  CCR limits BOL to max length = 10 characters | | | |

**Segment: DTM Date/Time Reference (Shipment)**

**Position:** 200

**Loop:** HL Hierarchical Level Shipment

**Level:** Detail

**Usage:** Mandatory

**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.

**3** If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Data Element Summary**

**CCR Ref. Data**

**Usage Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **DTM01** | **374** | **Date/Time Qualifier** | **M** |  | **ID 3/3** | |
|  | | | Code specifying type of date or time, or both date and time | | | |
|  | | | 067 - Planned Delivery Date  011 - Shipment Date | | | |
| **M** | **DTM02** | **373** | **Date** | **X** |  | **DT 8/8** | |
|  | | | Date expressed as CCYYMMDD  Planned Delivery Date (Default = ASN Receipt Date)  Shipment Date (Default = BSN03 for Shipment Date) | | | |

**Segment: N1 Name (Shipment)**

**Position:** 220

**Loop:** HL Hierarchical Level Shipment

**Loop:** N1

**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.

**2** N105 and N106 further define the type of entity in N101.

**Data Element Summary**

**CCR Ref. Data**

**Usage Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **N101** | **98** | **Entity Identifier Code** | **M** |  | **ID 2/3** | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | |
|  | | | ST - Ship-To Customer location  SF – Plant identifier (optional) | | | |
| **O** | **N102** | **93** | **Name** | **X** |  | **AN 1/60** | |
|  | | | Vendor (Supplier) Name where N101 = ST | SF | | | |
| **M** | **N103** | **66** | **Identification Code Qualifier** | **X** |  | **ID 1/2** | |
|  | | | Code designating the system/method of code structure used for Identification Code (67) | | | |
|  | | | 91 – Assigned by Seller or Seller’s agent  92 – Assigned by Buyer or Buyer’s agent | | | |
| **M** | **N104** | **67** | **Identification Code** | **X** |  | **AN 2/80** | |
|  | | |  | | | |

**Segment: HL Hierarchical Level Order**

**Position:** 010

**Loop:** HL Hierarchical Level Order

**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**

**CCR Ref. Data**

**Usage Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **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  Sequential Counter | | | |
| **M** | **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 | | | |
| **M** | **HL03** | **735** | **Hierarchical Level Code** | **M** |  | **ID 1/2** | |
|  | | | Code defining the characteristic of a level in a hierarchical structure | | | |
|  | | | O - Order (One Order per Shipment) | | | |
|  | **HL04** | **736** | **Hierarchical Child Code** | **O** |  | **ID 1/1** | |
|  | | | Code indicating if there are hierarchical child data segments subordinate to the level being described | | | |
|  | | | Note: Not mapped for CCR ASN | | | |
|  | | |  | | | |

**Segment: PRF Purchase Order Reference**

**Position:** 0500

**Loop:** HL Mandatory

**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**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **PRF01** | **324** | **Purchase Order Number** | **M** | **1** | **AN 1/22** | |
|  | | | Identifying number for Purchase Order assigned by the orderer/purchaser | | | |
| **O** | **PRF04** | **373** | **Date** | **O** | **1** | **DT 8/8** | |
|  | | | Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year | | | |

Use for Order level only.

**Segment: HL Hierarchical Level Tare (Pallet)**

**Position:** 010

**Loop:** HL Hierarchical Level Tare (Pallet)

**Level:** Detail

**Usage:** Mandatory

**Max Use:** M

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

**Syntax Notes:**

**Semantic Notes:**

**Comments:** **1** Reference the Shipment HL for HL syntax and purpose

**2** The Tare HL structure is intended to identify all of the individual pallets on which the (Item HL) material/product is found and the quantity of that material/product on each individual pallet.

**Data Element Summary**

**CCR Ref. Data**

**Usage Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **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  Sequential Counter | | | |
| **M** | **HL02** | **734** | **Hierarchical Parent ID Number** | **M** |  | **AN 1/12** | |
|  | | | Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to | | | |
| **M** | **HL03** | **735** | **Hierarchical Level Code** | **M** |  | **ID 1/2** | |
|  | | | Code defining the characteristic of a level in a hierarchical structure | | | |
|  | | | T - Tare | | | |
|  | **HL04** | **736** | **Hierarchical Child Code** | **O** |  | **ID 1/1** | |
|  | | | Code indicating if there are hierarchical child data segments subordinate to the level being described | | | |
|  | | | Note: Not mapped for CCR ASN | | | |
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**Segment: MAN Marks and Numbers Tare (Pallet)**

**Position:** 190

**Loop:** HL Hierarchical Level Tare (Pallet)

**Level:** Detail

**Usage:** Mandatory

**Max Use:** >1

**Purpose:** To indicate identifying marks and numbers for shipping containers

**Syntax Notes:** **1** If either MAN04 or MAN05 is present, then the other is required.

**2** If MAN06 is present, then MAN05 is required.

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

**2** When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.

**3** When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

**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.

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.

**Data Element Summary**

**CCR Ref. Data**

**Usage Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **MAN01** | **88** | **Marks and Numbers Qualifier** | **M** |  | **ID 1/2** | |
|  | | | Code specifying the application or source of Marks and Numbers (87) | | | |
|  | | | GM – UCC-128 Serial Shipping Container Code Format | | | |
| **M** | **MAN02** | **87** | **Marks and Numbers** | **M** |  | **AN 1/48** | |
|  | | | Required: GM - UCC-128 Serial Shipping Container Code Format | | | |
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**Segment: HL Hierarchical Level Item**

**Position:** 010

**Loop:** HL Hierarchical Level Item

**Level:** Detail

**Usage:** Mandatory

**Max Use:** M

**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**

**CCR Ref. Data**

**Usage Des. Element Name Attributes**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | | **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  Sequential Counter | | | |
| **M** | | **HL02** | **734** | **Hierarchical Parent ID Number** | **M** |  | **AN 1/12** | |
|  | | | | Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to | | | |
| **M** | | **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 | | | |
|  | | | Note: Not mapped for CCR ASN | | | |
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**Segment: LIN Item Identification (Item)**

**Position:** 020

**Loop:** HL Hierarchical Level Item

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify basic item identification data

**Syntax Notes:** **1** If either LIN04 or LIN05 is present, then the other is required.

**2** If either LIN06 or LIN07 is present, then the other is required.

**Semantic Notes:** **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.

**Data Element Summary**

**CCR Ref. Data**

**Usage Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **O** | **LIN01** | **350** | **Assigned Identification** | **O** |  | **AN 1/20** | |
|  | | | Shipment/Delivery Line Item Number | | | |
| **M** | **LIN02** | **235** | **Product/Service ID Qualifier** | **M** |  | **ID 2/2** | |
|  | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | |
|  | | | UI – UPC Consumer Package Code (1-5-5)  UP – UPC Consumer Package Code (1-5-5-1) | | | |
| **M** | **LIN03** | **234** | **Product/Service ID** | **M** |  | **AN 1/48** | |
|  | | | CCR UPC | | | |
| **O** | **LIN04** | **235** | **Product/Service ID Qualifier** | **X** |  | **ID 2/2** | |
|  | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | |
|  | | |  | | | |
| **O** | **LIN05** | **234** | **Product/Service ID** | **X** |  | **AN 1/48** | |
|  | | |  | | | |
|  | | |  | | | |
| **O** | **LIN06** | **235** | **Product/Service ID Qualifier** | **X** |  | **ID 2/2** | |
|  | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | |
|  | | |  | | | |
| **O** | **LIN07** | **234** | **Product/Service ID** | **X** |  | **AN 1/48** | |
|  | | |  | | | |
|  | | |  | | | |

**Segment: SN1 Item Detail (Item)**

**Position:** 030

**Loop:** HL Hierarchical Level Item

**Level:** Detail

**Usage:** Mandatory

**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**

**CCR Ref. Data**

**Usage Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **O** | **SN101** | **350** | **Assigned Identification** | **O** |  | **AN 1/20** | |
|  | | | Shipment/Delivery Line Item Number | | | |
| **M** | **SN102** | **382** | **Number of Units Shipped** | **M** |  | **R 1/10** | |
|  | | | Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set  Total Cases of CCR Material on Pallet for Original CCR PO Line Item | | | |
| **M** | **SN103** | **355** | **Unit or Basis for Measurement Code** | **M** |  | **ID 2/2** | |
|  | | | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | |
|  | | | CA – Cases  EA - Eaches | | | |

**Segment: CTT Transaction Totals**

**Position:** 010

**Level:** Summary

**Usage:** Mandatory

**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**

**CCR Ref. Data**

**Usage Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **CTT01** | **354** | **Number of Line Items** | **M** |  | **N0 1/6** | |
|  | | | Total number of HL segments in the transaction set | | | |

**Segment: SE Transaction Set Trailer**

**Position:** 020

**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**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **SE01** | **96** | **Number of Included Segments** | **M** |  | **N0 1/10** | |
|  | | | Total number of segments included in a transaction set including ST and SE segments | | | |
| **M** | **SE02** | **329** | **Transaction Set Control Number** | **M** |  | **AN 4/9** | |
|  | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | |