Target Corporation

EDI Guideline

Domestic

Target.com DVS Vendor

850

Purchase Order

Version 4010

Revised: November 2020

**Change Log**

|  |  |  |
| --- | --- | --- |
| **Date**  | **Change**  | **Comments**  |
| 11/18/2020 | Converted from .pdf to .docx file format | Changes to file format only – no change to content. |
| 12/10/19  | Updated comments in the N1, N2, N3 and N4  |   |
| 9/7/18  | Added routing codes in TD505  |   |
| 7/21/17  | Update comments in CTT01/02  |   |

**850 Purchase Order**

**Functional Group ID=PO**

**Introduction:**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

**Heading:**

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

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| M | 010 | ST | Transaction Set Header | M | 1 |  |  |  |  |  |  |  |  |
| M | 020 | BEG | Beginning Segment for Purchase Order | M | 1 |  |  |  |  |  |  |  |  |
| Must Use | 050 | REF | Reference Identification | O | >1 |  |  |  |  |  |  |  |  |
| Must Use | 150 | DTM | Date/Time Reference | O | 10 |  |  |  |  |  |  |  |  |
| Must Use | 240 | TD5 | Carrier Details (Routing Sequence/Transit Time) | O | 12 |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - N9 |  |  | 1000 |  |  |  |  |  |  |  |
| Must Use | 295 | N9 | Reference Identification | O | 1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - N1 |  |  | 200 |  |  |  |  |  |  |  |
| Must Use | 310 | N1 | Name | O | 1 |  |  |  |  |  |  |  |  |
|  | 320 | N2 | Additional Name Information | O | 2 |  |  |  |  |  |  |  |  |
| Must Use | 330 | N3 | Address Information | O | 2 |  |  |  |  |  |  |  |  |
| Must Use | 340 | N4 | Geographic Location | O | >1 |  |  |  |  |  |  |  |  |
|  | 360 | PER | Administrative Communications Contact | O | >1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Detail:**

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

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | LOOP ID - PO1 |  |  | 100000 |  |  |  |  |  |  |  |
| M | 010 | PO1 | Baseline Item Data | M | 1 |  | n1 |  |  |  |  |  |  |
|  |  |  | LOOP ID - PID |  |  | 1000 |  |  |  |  |  |  |  |
| Must Use | 050 | PID | Product/Item Description | O | 1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 289 | MSG | Message Text | O | >1 |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - PKG |  |  | 200 |  |  |  |  |  |  |  |
|  | 305 | PKG | Marking, Packaging, Loading | O | 1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - N9 |  |  | 1000 |  |  |  |  |  |  |  |
|  | 330 | N9 | Reference Identification | O | 1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - SLN |  |  | 1000 |  |  |  |  |  |  |  |
|  | 470 | SLN | Subline Item Detail | O | 1 |  |  |  |  |  |  |  |  |
|  | 490 | PID | Product/Item Description | O | 1000 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Summary:**

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

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | LOOP ID - CTT |  |  | 1 |  |  |  |  |  |  |  |
| Must Use | 010 | CTT | Transaction Totals | O | 1 |  | n2 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| M | 030 | SE | Transaction Set Trailer | M | 1 |  |  |  |  |  |  |  |  |

**Transaction Set Notes**

**1.** PO102 is required.

**2.** The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

 **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:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Sample ST Segment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ST\*850\*0001\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**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 |
|   | 850 |  | Purchase Order |
| **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: BEG Beginning Segment for Purchase Order**

 **Position:** 020

 **Loop:**

 **Level:** Heading

 **Usage:** Mandatory

 **Max Use:** 1

 **Purpose:** To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

 **Syntax Notes:**

 **Semantic Notes:** **1** BEG05 is the date assigned by the purchaser to purchase order.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Sample BEG Segment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_BEG\*00\*DS\*1234567890\*\*20090801\*9859\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **BEG01** | **353** | **Transaction Set Purpose Code** | **M** |  | **ID 2/2** |
|  | Code identifying purpose of transaction set |
|   | 00 |  | Original |
| **M** | **BEG02** | **92** | **Purchase Order Type Code** | **M** |  | **ID 2/2** |
|  | Code specifying the type of Purchase Order |
|   | DS |  | Dropship |
| **M** | **BEG03** | **324** | **Purchase Order Number** | **M** |  | **AN 1/22** |
|  | Identifying number for Purchase Order assigned by the orderer/purchaser |
|  | Release IDNote: this value will be a 10 digit number |
|  | **BEG04** | **328** | **Release Number** | **O** |  | **AN 1/30** |
|  | Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction |
| **M** | **BEG05** | **373** | **Date** | **M** |  | **DT 8/8** |
|  | Date expressed as CCYYMMDD |
|  | PO create date |
| **Must Use** | **BEG06** | **367** | **Contract Number** | **O** |  | **AN 1/30** |
|  | Contract number |
|  | This field will contain the 4digit number that must be prefixed to the Release ID on the packing slip. |

 **Segment: REF Reference Identification**

 **Position:** 050

 **Loop:**

 **Level:** Heading

 **Usage:** Optional (Must Use)

 **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:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Note: Up to five occurrences of the REF may be sent. Sample REF Segments\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_REF VR\*12345REF\*D7\*36REF\*OQ\*66414265REF\*WS\*TTTTREF\*KK\*WNote: Vendor number will always be a minimum of four digits.\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | D7 |  | Coverage Code |
|  | Type of protection provided by an insurance policy |
|  | Qualifier for order type. |
|   | KK |  | Delivery Reference |
|   | OQ |  | Order Number |
|  | Qualifies a code that identifies the authorizing documentation for a household goods |
|   | VR |  | Vendor ID Number |
|   | WS |  | Warehouse storage location number |
| **Must Use** | **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 |
|  | When REF01 = D7, this will contain the order type.36 is Target.comWhen REF01 = OQ, this will contain the Target.com guest order ID.When REF01 = VR, this will contain the Target.com assigned vendor number. Vendor number will always be a minimum of 4 digits.When REF01 = WS, this will contain the EDC. A code which identifies a specific Warehouse location. A minimum of 4 characters. May start with a 'T'When REF01 = KK, this will contain the managed delivery date code (Code only will be sent. The description is included for information purposes only)Code - Description W - Whenever Shipping O - Same Day Shipping B - On or Before N - Non - Upgradeable H - Hazardous Material  A - Preorder on or after delivery |

 **Segment: DTM Date/Time Reference**

 **Position:** 150

 **Loop:**

 **Level:** Heading

 **Usage:** Optional (Must Use)

 **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:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Sample DTM Segment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_DTM\*001\*20101105DTM\*006\*20101104DTM\*017\*20101106\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **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 |
|   | 001 |  | Cancel After |
|  | Estimated Ship Date |
|   | 006 |  | Sold |
|  | Guest Order Date |
|   | 017 |  | Estimated Delivery |
| **Must Use** | **DTM02** | **373** | **Date** | **X** |  | **DT 8/8** |
|  | Date expressed as CCYYMMDD |

 **Segment: TD5 Carrier Details (Routing Sequence/Transit Time)**

 **Position:** 240

 **Loop:**

 **Level:** Heading

 **Usage:** Optional (Must Use)

 **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 TD504 TD505 TD506 or TD512 is required.

 **2** If TD502 is present, then TD503 is required.

 **3** If TD507 is present, then TD508 is required.

 **4** If TD510 is present, then TD511 is required.

 **5** If TD513 is present, then TD512 is required.

 **6** If TD514 is present, then TD513 is required.

 **7** If TD515 is present, then TD512 is required.

 **Semantic Notes:** **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.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Sample TD5 Segment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_TD5\*\*2\*SCAC\*\*NS\*\*\*\*\*\*\*G2\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **TD501** | **133** | **Routing Sequence Code** | **O** |  | **ID 1/2** |
|  | Code describing the relationship of a carrier to a specific shipment movement |
|  | Not used |
|  | **TD502** | **66** | **Identification Code Qualifier** | **X** |  | **ID 1/2** |
|  | Code designating the system/method of code structure used for Identification Code (67) |
|   | 2 |  | Standard Carrier Alpha Code (SCAC) |
|  | **TD503** | **67** | **Identification Code** | **X** |  | **AN 2/80** |
|  | Code identifying a party or other code |
|  | SCAC Code |
|  | **TD504** | **91** | **Transportation Method/Type Code** | **X** |  | **ID 1/2** |
|  | Code specifying the method or type of transportation for the shipment |
|  | Not Used |
| **Must Use** | **TD505** | **387** | **Routing** | **X** |  | **AN 1/35** |
|  | Free-form description of the routing or requested routing for shipment, or the originating carrier's identity |
|  | Code Description Transport TypeNS No Signature Required UPS / FedExSG Signature Required UPS / FedExES 3-Day Select UPS / FEDExESS 3-Day Select Signature UPS / FEDExSP SurePost UPSTD To the Door LTLIS Through the Door with Signature Required LTLRS Room of Choice with Signature Required LTLWS White Glove with Signature Required LTLAS White Glove Assembly with Signature Required LTLMP APO/FPO USPSPR Protectorates USPSMI Mail Innovations/MIP/MM UPSNDS Next Day Air with No Signature Required FedExNDSS Next Day Air with Signature Required FedExHD Home Delivery with No Signature Required FedExHDS Home Delivery with Signature Required FedExNS SmartPost with No Signature Required FedExSMP SmartPost with No Signature Required FedExSMPU Signature FEDExPON Priority Overnight FEDExPONS Priority Signature FEDEx  |
|  | **TD506** | **368** | **Shipment/Order Status Code** | **X** |  | **ID 2/2** |
|  | Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction |
|  | Not Used |
|  | **TD507** | **309** | **Location Qualifier** | **O** |  | **ID 1/2** |
|  | Code identifying type of location |
|  | Not used |
|  | **TD508** | **310** | **Location Identifier** | **X** |  | **AN 1/30** |
|  | Code which identifies a specific location |
|  | Not Used |
|  | **TD509** | **731** | **Transit Direction Code** | **O** |  | **ID 2/2** |
|  | The point of origin and point of direction |
|  | Not Used |
|  | **TD510** | **732** | **Transit Time Direction Qualifier** | **O** |  | **ID 2/2** |
|  | Code specifying the value of time used to measure the transit time |
|  | Not Used |
|  | **TD511** | **733** | **Transit Time** | **X** |  | **R 1/4** |
|  | The numeric amount of transit time |
|  | Not Used |
| **Must Use** | **TD512** | **284** | **Service Level Code** | **X** |  | **ID 2/2** |
|  | Code indicating the level of transportation service or the billing service offered by the transportation carrier |
|  | Unless previously negotiated with Target.com, DS will represent LTL and G2, ND, SC, SS and NS will represent UPS. |
|   | DS |  | Door Service |
|   | G2 |  | Standard Service |
|   | ND |  | Next Day Air |
|  | Delivery during business day hours of next business day |
|   | NS |  | Not Served |
|  | \*\*\*\*\*\*NOTE: this value will be used to indicate Next Day Saturday\*\*\*\*\*\*\* |
|   | PO |  | P.O. Box/Zip Code |
|   | SC |  | Second Day Air |
|  | Delivery during business day hours no later than second business day |
|   | SS |  | 2 Day Saturday |

 **Segment: N9 Reference Identification**

 **Position:** 295

 **Loop:** N9 Optional (Must Use)

 **Level:** Heading

 **Usage:** Optional (Must Use)

 **Max Use:** 1

 **Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

 **Syntax Notes:** **1** At least one of N902 or N903 is required.

 **2** If N906 is present, then N905 is required.

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

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

 **Semantic Notes:** **1** N906 reflects the time zone which the time reflects.

 **2** N907 contains data relating to the value cited in N902.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Sample N9 Segment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_N9\*L1\*MESSAGE\*This Shipment Completes Your OrderNote: Multiple N9 segments may be sent to complete the message.N9\*L1\*MESSAGE\*Thank you for your purchase. If you orderedN9\*L1\*MESSAGE\*additional items they will arrive separately.\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **N901** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | L1 |  | Letters or Notes |
| **Must Use** | **N902** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | Will contain the literal "MESSAGE" |
| **Must Use** | **N903** | **369** | **Free-form Description** | **X** |  | **AN 1/45** |
|  | Free-form descriptive text |
|  | Order Status Message for Packing Slip |

 **Segment: N1 Name**

 **Position:** 310

 **Loop:** N1 Optional (Must Use)

 **Level:** Heading

 **Usage:** Optional (Must Use)

 **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.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Multiple occurrences of the N1 though N4 may be sent. Sample N1 through N4 Segments\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_N1\*BT\*Target.com Accounts PayableN3\*TNC 3110\*PO Box 9493N4\*Minneapolis\*MN\*55440\*USAN1\*ST\*Jane DoeN3\*123 Some Street\*Apt 1N4\*Anyplace\*MN\*55555\*USAN1\*SO\*Mary DoeN3\*456 Her PlaceN4\*Chicago\*IL\*44444\*USA\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **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 |
|   | BT |  | Bill-to-Party |
|   | SO |  | Sold To If Different From Bill To |
|  | Sold To if different from Ship To |
|   | ST |  | Ship To |
| **Must Use** | **N102** | **93** | **Name** | **X** |  | **AN 1/60** |
|  | Free-form name |
|  | For Digital vendors not shipping a physical product and N101 contains ST, N102 may not be sent. |

 **Segment: N2 Additional Name Information**

 **Position:** 320

 **Loop:** N1 Optional (Must Use)

 **Level:** Heading

 **Usage:** Optional

 **Max Use:** 2

 **Purpose:** To specify additional names or those longer than 35 characters in length

 **Syntax Notes:**

 **Semantic Notes:**

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Sample N2 Segment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_N2\*Attn John SmithNote: For Digital vendors not shipping a physical product and N101 contains ST, the N2 may not be sent.\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **N201** | **93** | **Name** | **M** |  | **AN 1/60** |
|  | Free-form name |
|  | Used to provide name such as Attention or Company |

 **Segment: N3 Address Information**

 **Position:** 330

 **Loop:** N1 Optional (Must Use)

 **Level:** Heading

 **Usage:** Optional (Must Use)

 **Max Use:** 2

 **Purpose:** To specify the location of the named party

 **Syntax Notes:**

 **Semantic Notes:**

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*See N1 for example N3 SegmentNote: For Digital vendors not shipping a physical product and N101 contains ST, the N3 may not be sent.\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **N301** | **166** | **Address Information** | **M** |  | **AN 1/55** |
|  | Address information |
|  | **N302** | **166** | **Address Information** | **O** |  | **AN 1/55** |
|  | Address information |

 **Segment: N4 Geographic Location**

 **Position:** 340

 **Loop:** N1 Optional (Must Use)

 **Level:** Heading

 **Usage:** Optional (Must Use)

 **Max Use:** >1

 **Purpose:** To specify the geographic place of the named party

 **Syntax Notes:** **1** If N406 is present, then N405 is required.

 **Semantic Notes:**

 **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.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*See N1 for sample N4 Segment\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N401** | **19** | **City Name** | **O** |  | **AN 2/30** |
|  | Free-form text for city name |
|  | For Digital vendors not shipping a physical product and N101 contains ST, the N401 may not be sent. |
|  | **N402** | **156** | **State or Province Code** | **O** |  | **ID 2/2** |
|  | Code (Standard State/Province) as defined by appropriate government agency |
|  | No value will be sent for international orders. |
|  | **N403** | **116** | **Postal Code** | **O** |  | **ID 3/15** |
|  | Code defining international postal zone code excluding punctuation and blanks (zip code for United States) |
|  | No value will be sent for international orders. |
| **Must Use** | **N404** | **26** | **Country Code** | **O** |  | **ID 2/3** |
|  | Code identifying the country |

 **Segment: PER Administrative Communications Contact**

 **Position:** 360

 **Loop:** N1 Optional (Must Use)

 **Level:** Heading

 **Usage:** Optional

 **Max Use:** >1

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

 **Syntax Notes:** **1** If either PER03 or PER04 is present, then the other is required.

 **2** If either PER05 or PER06 is present, then the other is required.

 **3** If either PER07 or PER08 is present, then the other is required.

 **Semantic Notes:**

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Sample PER Segment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PER\*CN\*CONTACT NAME\*EM\*JOE.WHITE@ABC.COM\*TE\*826 803-9087\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **PER01** | **366** | **Contact Function Code** | **M** |  | **ID 2/2** |
|  | Code identifying the major duty or responsibility of the person or group named |
|   | CN |  | General Contact |
|  | **PER02** | **93** | **Name** | **O** |  | **AN 1/60** |
|  | Free-form name |
|  | **PER03** | **365** | **Communication Number Qualifier** | **X** |  | **ID 2/2** |
|  | Code identifying the type of communication number |
|   | EM |  | Electronic Mail |
|  | **PER04** | **364** | **Communication Number** | **X** |  | **AN 1/80** |
|  | Complete communications number including country or area code when applicable |
|  | **PER05** | **365** | **Communication Number Qualifier** | **X** |  | **ID 2/2** |
|  | Code identifying the type of communication number |
|   | TE |  | Telephone |
|  | **PER06** | **364** | **Communication Number** | **X** |  | **AN 1/80** |
|  | Complete communications number including country or area code when applicable |

 **Segment: PO1 Baseline Item Data**

 **Position:** 010

 **Loop:** PO1 Mandatory

 **Level:** Detail

 **Usage:** Mandatory

 **Max Use:** 1

 **Purpose:** To specify basic and most frequently used line item data

 **Syntax Notes:** **1** If PO103 is present, then PO102 is required.

 **2** If PO105 is present, then PO104 is required.

 **3** If either PO106 or PO107 is present, then the other is required.

 **4** If either PO108 or PO109 is present, then the other is required.

 **5** If either PO110 or PO111 is present, then the other is required.

 **6** If either PO112 or PO113 is present, then the other is required.

 **7** If either PO114 or PO115 is present, then the other is required.

 **8** If either PO116 or PO117 is present, then the other is required.

 **9** If either PO118 or PO119 is present, then the other is required.

 **10** If either PO120 or PO121 is present, then the other is required.

 **11** If either PO122 or PO123 is present, then the other is required.

 **12** If either PO124 or PO125 is present, then the other is required.

 **Semantic Notes:**

 **Comments:** **1** See the Data Element Dictionary for a complete list of IDs.

 **2** PO101 is the line item identification.

 **3** PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Sample PO1 Segment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PO1\*1\*1\*EA\*19.45\*PE\*IN\*9876543\*SK\*123456\*UP\*102398765423\*CB\*123-12-1234Note: Target.com will send 4 item identifiers; manufacturer style number, Target.com item number, UPC or EAN or ISBN, and DPCI. They will always be sent in the following sequence: Target.com item number, manufacturer's style number, UPC, EAN or ISBN, DPCI ISBN will be either 10 or 13 digits.\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **PO101** | **350** | **Assigned Identification** | **O** |  | **AN 1/20** |
|  | Alphanumeric characters assigned for differentiation within a transaction set |
|  | Order Line Number |
| **Must Use** | **PO102** | **330** | **Quantity Ordered** | **X** |  | **R 1/15** |
|  | Quantity ordered |
|  | **PO103** | **355** | **Unit or Basis for Measurement Code** | **O** |  | **ID 2/2** |
|  | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken |
|   | EA |  | Each |
|  | **PO104** | **212** | **Unit Price** | **X** |  | **R 1/17** |
|  | Price per unit of product, service, commodity, etc. |
|  | **PO105** | **639** | **Basis of Unit Price Code** | **O** |  | **ID 2/2** |
|  | Code identifying the type of unit price for an item |
|   | PE |  | Price per Each |
| **Must Use** | **PO106** | **235** | **Product/Service ID Qualifier** | **X** |  | **ID 2/2** |
|  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |
|   | CB |  | Buyer's Catalog Number |
|   | EN |  | European Article Number (EAN) (2-5-5-1) |
|   | EO |  | EAN/UCC 8 |
|   | IB |  | International Standard Book Number (ISBN) |
|   | IN |  | Buyer's Item Number |
|   | SK |  | Stock Keeping Unit (SKU) |
|   | UA |  | U.P.C./EAN Case Code (2-5-5) |
|   | UK |  | U.P.C./EAN Shipping Container Code (1-2-5-5-1) |
|  | A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit |
|   | UP |  | U.P.C. Consumer Package Code (1-5-5-1) |
| **Must Use** | **PO107** | **234** | **Product/Service ID** | **X** |  | **AN 1/48** |
|  | Identifying number for a product or service |
|  | When PO106 = CB, this value is the Target.com DPCI (format xxx-xx-xxxx)When PO106 = EN, this value is the 13 digit EANWhen PO106 = EO, this value is the 8 digit EANWhen PO106 = IB, this value is the ISBN (either 10 or 13 digits)When PO106 = IN, this value is the Target.com item IDWhen PO106 = SK, this value is the manufacturer's style numberWhen PO106 = UA, this value is the UPC case codeWhen PO106 = UK, this value is the 14- digit barcodeWhen PO106 = UP, this value is the UPC |
| **Must Use** | **PO108** | **235** | **Product/Service ID Qualifier** | **X** |  | **ID 2/2** |
|  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |
|   | CB |  | Buyer's Catalog Number |
|   | EN |  | European Article Number (EAN) (2-5-5-1) |
|   | EO |  | EAN/UCC 8 |
|   | IB |  | International Standard Book Number (ISBN) |
|   | IN |  | Buyer's Item Number |
|   | SK |  | Stock Keeping Unit (SKU) |
|   | UA |  | U.P.C./EAN Case Code (2-5-5) |
|   | UK |  | U.P.C./EAN Shipping Container Code (1-2-5-5-1) |
|  | A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit |
|   | UP |  | U.P.C. Consumer Package Code (1-5-5-1) |
| **Must Use** | **PO109** | **234** | **Product/Service ID** | **X** |  | **AN 1/48** |
|  | Identifying number for a product or service |
|  | When PO108 = CB, this value is the Target.com DPCI (format xxx-xx-xxxx)When PO108 = EN, this value is the 13 digit EANWhen PO108 = EO, this value is the 8 digit EANWhen PO108 = IB, this value is the ISBN (either 10 or 13 digits)When PO108 = IN, this value is the Target.com item IDWhen PO108 = SK, this value is the manufacturer's style numberWhen PO108 = UA, this value is the UPC case codeWhen PO108 = UK, this value is the 14-digit barcodeWhen PO108 = UP, this value is the UPC |
| **Must Use** | **PO110** | **235** | **Product/Service ID Qualifier** | **X** |  | **ID 2/2** |
|  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |
|   | CB |  | Buyer's Catalog Number |
|   | EN |  | European Article Number (EAN) (2-5-5-1) |
|   | EO |  | EAN/USS 8 |
|   | IB |  | International Standard Book Number (ISBN) |
|   | IN |  | Buyer's Item Number |
|   | SK |  | Stock Keeping Unit (SKU) |
|   | UA |  | U.P.C./EAN Case Code (2-5-5) |
|   | UK |  | U.P.C./EAN Shipping Container Code (1-2-5-5-1) |
|  | A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit |
|   | UP |  | U.P.C. Consumer Package Code (1-5-5-1) |
| **Must Use** | **PO111** | **234** | **Product/Service ID** | **X** |  | **AN 1/48** |
|  | Identifying number for a product or service |
|  | When PO110 = CB, this value is the Target.com DPCI (format xxx-xx-xxxx)When PO110 = EN, this value is the 13 digit EANWhen PO110 = EO, this value is the 8 digit EANWhen PO110 = IB, this value is the ISBN (either 10 or 13 digits)When PO110 = IN, this value is the Target.com item IDWhen PO110 = SK, this value is the manufacturer's style numberWhen PO110 = UA, this value is the UPC case codeWhen PO110 = UK, this value is the 14-digit barcodeWhen PO110 = UP, this value is the UPC |
| **Must Use** | **PO112** | **235** | **Product/Service ID Qualifier** | **X** |  | **ID 2/2** |
|  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |
|   | CB |  | Buyer's Catalog Number |
|   | EN |  | European Article Number (EAN) (2-5-5-1) |
|   | EO |  | EAN/UCC 8 |
|   | IB |  | International Standard Book Number (ISBN) |
|   | IN |  | Buyer's Item Number |
|   | SK |  | Stock Keeping Unit (SKU) |
|   | UA |  | U.P.C./EAN Case Code (2-5-5) |
|   | UK |  | U.P.C./EAN Shipping Container Code (1-2-5-5-1) |
|  | A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit |
|   | UP |  | U.P.C. Consumer Package Code (1-5-5-1) |
| **Must Use** | **PO113** | **234** | **Product/Service ID** | **X** |  | **AN 1/48** |
|  | Identifying number for a product or service |
|  | When PO112 = CB, this value is the Target.com DPCI (format xxx-xx-xxxx)When PO112 = EN, this value is the 13 digit EANWhen PO112 = EO, this value is the 8 digit EANWhen PO112 = IB, this value is the ISBN (either 10 or 13 digits)When PO112 = IN, this value is the Target.com item IDWhen PO112 = SK, this value is the manufacturer's style numberWhen PO112 = UA, this value is the UPC case codeWhen PO112 = UK, this value is the 14-digit barcodeWhen PO112 = UP, this value is the UPC |

 **Segment: PID Product/Item Description**

 **Position:** 050

 **Loop:** PID Optional (Must Use)

 **Level:** Detail

 **Usage:** Optional (Must Use)

 **Max Use:** 1

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

 **Syntax Notes:** **1** If PID04 is present, then PID03 is required.

 **2** At least one of PID04 or PID05 is required.

 **3** If PID07 is present, then PID03 is required.

 **4** If PID08 is present, then PID04 is required.

 **5** If PID09 is present, then PID05 is required.

 **Semantic Notes:** **1** Use PID03 to indicate the organization that publishes the code list being referred to.

 **2** PID04 should be used for industry-specific product description codes.

 **3** PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.

 **4** PID09 is used to identify the language being used in PID05.

 **Comments:** **1** If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.

 **2** Use PID06 when necessary to refer to the product surface or layer being described in the segment.

 **3** PID07 specifies the individual code list of the agency specified in PID03.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Sample PID Segment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PID\*F\*08\*\*\*Description\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **PID01** | **349** | **Item Description Type** | **M** |  | **ID 1/1** |
|  | Code indicating the format of a description |
|   | F |  | Free-form |
|  | **PID02** | **750** | **Product/Process Characteristic Code** | **O** |  | **ID 2/3** |
|  | Code identifying the general class of a product or process characteristic |
|   | 08 |  | Product |
|  | **PID03** | **559** | **Agency Qualifier Code** | **X** |  | **ID 2/2** |
|  | Code identifying the agency assigning the code values |
|  | Not used |
|  | **PID04** | **751** | **Product Description Code** | **X** |  | **AN 1/12** |
|  | A code from an industry code list which provides specific data about a product characteristic |
|  | Not used |
|  | **PID05** | **352** | **Description** | **X** |  | **AN 1/80** |
|  | A free-form description to clarify the related data elements and their content |

 **Segment: MSG Message Text**

 **Position:** 289

 **Loop:** PO1 Mandatory

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To provide a free-form format that allows the transmission of text information

 **Syntax Notes:** **1** If MSG03 is present, then MSG02 is required.

 **Semantic Notes:** **1** MSG03 is the number of lines to advance before printing.

 **Comments:** **1** MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

 **2** If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Sample MSG Segment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_MSG\* Mail In or StoreNote: The return method is required on the packing slip.\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **MSG01** | **933** | **Free-Form Message Text** | **M** |  | **AN 1/264** |
|  | Free-form message text |
|  | This element will contain the return method.Possible options include:Mail in OnlyStore OnlyMail In or StoreNo Returns |

 **Segment: PKG Marking, Packaging, Loading**

 **Position:** 305

 **Loop:** PKG Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To describe marking, packaging, loading, and unloading requirements

 **Syntax Notes:** **1** At least one of PKG04 PKG05 or PKG06 is required.

 **2** If PKG04 is present, then PKG03 is required.

 **3** If PKG05 is present, then PKG01 is required.

 **Semantic Notes:** **1** PKG04 should be used for industry-specific packaging description codes.

 **Comments:** **1** Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.

 **2** If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.

 **3** Use PKG03 to indicate the organization that publishes the code list being referred to.

 **4** Special marking or tagging data can be given in PKG05 (description).

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Sample PKG Segment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PKG\*F\*WM\*\*\*GIFTWRAP\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **PKG01** | **349** | **Item Description Type** | **X** |  | **ID 1/1** |
|  | Code indicating the format of a description |
|   | F |  | Free-form |
|  | **PKG02** | **753** | **Packaging Characteristic Code** | **O** |  | **ID 1/5** |
|  | Code specifying the marking, packaging, loading and related characteristics being described |
|   | WM |  | Wrapping Material |
|  | **PKG03** | **559** | **Agency Qualifier Code** | **X** |  | **ID 2/2** |
|  | Code identifying the agency assigning the code values |
|  | Not used |
|  | **PKG04** | **754** | **Packaging Description Code** | **X** |  | **AN 1/7** |
|  | A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product |
|  | Not used |
|  | **PKG05** | **352** | **Description** | **X** |  | **AN 1/80** |
|  | A free-form description to clarify the related data elements and their content |
|  | "GIFTWRAP" |

 **Segment: N9 Reference Identification**

 **Position:** 330

 **Loop:** N9 Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

 **Syntax Notes:** **1** At least one of N902 or N903 is required.

 **2** If N906 is present, then N905 is required.

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

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

 **Semantic Notes:** **1** N906 reflects the time zone which the time reflects.

 **2** N907 contains data relating to the value cited in N902.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Sample N9 Segment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_N9\*L1\*Message\*Return PolicyN9\*L1\*Message\*Happy Birthday This segment will be used to send messages and the return policy for the packing slip. Note: If the message is greater than 45 characters, the N9 segment will repeat as many times as needed to display the entire message.\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **N901** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | L1 |  | Letters or Notes |
|  | **N902** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | Contains literal "Message" |
| **M** | **N903** | **369** | **Free-form Description** | **M** |  | **AN 1/45** |
|  | Free-form descriptive text |
|  | Return Policy for Packing slipGift Message for packing slip |

 **Segment: SLN Subline Item Detail**

 **Position:** 470

 **Loop:** SLN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To specify product subline detail item data

 **Syntax Notes:** **1** If either SLN04 or SLN05 is present, then the other is required.

 **2** If SLN07 is present, then SLN06 is required.

 **3** If SLN08 is present, then SLN06 is required.

 **4** If either SLN09 or SLN10 is present, then the other is required.

 **5** If either SLN11 or SLN12 is present, then the other is required.

 **6** If either SLN13 or SLN14 is present, then the other is required.

 **7** If either SLN15 or SLN16 is present, then the other is required.

 **8** If either SLN17 or SLN18 is present, then the other is required.

 **9** If either SLN19 or SLN20 is present, then the other is required.

 **10** If either SLN21 or SLN22 is present, then the other is required.

 **11** If either SLN23 or SLN24 is present, then the other is required.

 **12** If either SLN25 or SLN26 is present, then the other is required.

 **13** If either SLN27 or SLN28 is present, then the other is required.

 **Semantic Notes:** **1** SLN01 is the identifying number for the subline item.

 **2** SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

 **3** SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.

 **4** SLN08 is a code indicating the relationship of the price or amount to the associated segment.

 **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.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Note: This segment is used to indicate components of the item in the previous PO1 segment.SLN Segment ExampleSLN\*1\*\*I\*1\*EA\*3.55\*\*\*I\*IN\*2456987\*SK\*123456\*UP\*105647894512\*CB\*123-12-1239SLN\*1\*\*I\*1\*EA\*8.17\*\*\*I\*IN\*4233365\*SK\*654321\*UP\*178952100333\*CB\*123-12-1238SLN\*1\*\*I\*1\*EA\*3.11\*\*\*I\*IN\*7854213\*SK\*987542\*UP\*106548792213\*CB\*123-12-1237Note: Target.com will send 4 item identifiers and in the following sequence: Target.com item number, manufacturer style number, UPC or EAN or ISBN, and DPCI..ISBN will be either 10 or 13 digits.\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **SLN01** | **350** | **Assigned Identification** | **M** |  | **AN 1/20** |
|  | Alphanumeric characters assigned for differentiation within a transaction set |
|  | **SLN02** | **350** | **Assigned Identification** | **O** |  | **AN 1/20** |
|  | Alphanumeric characters assigned for differentiation within a transaction set |
|  | Not used |
| **M** | **SLN03** | **662** | **Relationship Code** | **M** |  | **ID 1/1** |
|  | Code indicating the relationship between entities |
|   | I |  | Included |
| **Must Use** | **SLN04** | **380** | **Quantity** | **X** |  | **R 1/15** |
|  | Numeric value of quantity |
| **Must Use** | **SLN05** | **C001** | **Composite Unit of Measure** | **X** |  |  |
|  | To identify a composite unit of measure (See Figures Appendix for examples of use) |
| **M** | **C00101** | **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 |
|   | EA |  | Each |
|  | **SLN06** | **212** | **Unit Price** | **X** |  | **R 1/17** |
|  | Price per unit of product, service, commodity, etc. |
|  | **SLN07** | **639** | **Basis of Unit Price Code** | **O** |  | **ID 2/2** |
|  | Code identifying the type of unit price for an item |
|  | Not Used |
|   | PE |  | Price per Each |
|  | **SLN08** | **662** | **Relationship Code** | **O** |  | **ID 1/1** |
|  | Code indicating the relationship between entities |
|  | Not used |
| **Must Use** | **SLN09** | **235** | **Product/Service ID Qualifier** | **X** |  | **ID 2/2** |
|  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |
|   | CB |  | Buyer's Catalog Number |
|   | EN |  | European Article Number (EAN) (2-5-5-1) |
|   | EO |  | EAN/UCC 8 |
|   | IB |  | International Standard Book Number (ISBN) |
|   | IN |  | Buyer's Item Number |
|   | SK |  | Stock Keeping Unit (SKU) |
|   | UA |  | U.P.C./EAN Case Code (2-5-5) |
|   | UK |  | U.P.C./EAN Shipping Container Code (1-2-5-5-1) |
|  | A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit |
|   | UP |  | U.P.C. Consumer Package Code (1-5-5-1) |
| **Must Use** | **SLN10** | **234** | **Product/Service ID** | **X** |  | **AN 1/48** |
|  | Identifying number for a product or service |
|  | When SLN09 = CB, this value is the Target.com DPCI (format xxx-xx-xxxx)When SLN09 = EN, this value is the 13 digit EANWhen SLN09 = EO, this value is the 8 digit EANWhen SLN09 = IB, this value is the ISBN (either 10 or 13 digits)When SLN09 = IN, this value is the Target.com item IDWhen SLN09 = SK, this value is the manufacturer's style numberWhen SLN09 = UA, this value is the UPC case codeWhen SLN09 = UK, this value is the 14-digit barcodeWhen SLN09 = UP, this value is the UPC |
| **Must Use** | **SLN11** | **235** | **Product/Service ID Qualifier** | **X** |  | **ID 2/2** |
|  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |
|   | CB |  | Buyer's Catalog Number |
|   | EN |  | European Article Number (EAN) (2-5-5-1) |
|   | EO |  | EAN/UCC 8 |
|   | IB |  | International Standard Book Number (ISBN) |
|   | IN |  | Buyer's Item Number |
|   | SK |  | Stock Keeping Unit (SKU) |
|   | UA |  | U.P.C./EAN Case Code (2-5-5) |
|   | UK |  | U.P.C./EAN Shipping Container Code (1-2-5-5-1) |
|  | A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit |
|   | UP |  | U.P.C. Consumer Package Code (1-5-5-1) |
| **Must Use** | **SLN12** | **234** | **Product/Service ID** | **X** |  | **AN 1/48** |
|  | Identifying number for a product or service |
|  | When SLN11 = CB, this value is the Target.com DPCI (format xxx-xx-xxxx)When SLN11 = EN, this value is the 13 digit EANWhen SLN11 = EO, this value is the 8 digit EANWhen SLN11 = IB, this value is the ISBN (either 10 or 13 digits)When SLN11 = IN, this value is the Target.com item IDWhen SLN11 = SK, this value is the manufacturer's style numberWhen SLN11 = UA, this value is the UPC case codeWhen SLN11 = UK, this value is the 14-digit barcodeWhen SLN11 = UP, this value is the UPC |
| **Must Use** | **SLN13** | **235** | **Product/Service ID Qualifier** | **X** |  | **ID 2/2** |
|  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |
|   | CB |  | Buyer's Catalog Number |
|   | EN |  | European Article Number (EAN) (2-5-5-1) |
|   | EO |  | EAN/UCC 8 |
|   | IB |  | International Standard Book Number (ISBN) |
|   | IN |  | Buyer's Item Number |
|   | SK |  | Stock Keeping Unit (SKU) |
|   | UA |  | U.P.C./EAN Case Code (2-5-5) |
|   | UK |  | U.P.C./EAN Shipping Container Code (1-2-5-5-1) |
|  | A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit |
|   | UP |  | U.P.C. Consumer Package Code (1-5-5-1) |
| **Must Use** | **SLN14** | **234** | **Product/Service ID** | **X** |  | **AN 1/48** |
|  | Identifying number for a product or service |
|  | When SLN13 = CB, this value is the Target.com DPCI (format xxx-xx-xxxx)When SLN13 = EN, this value is the 13 digit EANWhen SLN13 = EO, this value is the 8 digit EANWhen SLN13 = IB, this value is the ISBN (either 10 or 13 digits)When SLN13 = IN, this value is the Target.com item IDWhen SLN13 = SK, this value is the manufacturer's style numberWhen SLN13 = UA, this value is the UPC case codeWhen SLN13 = UK, this value is the 14-digit barcodeWhen SLN13 = UP, this value is the UPC |
| **Must Use** | **SLN15** | **235** | **Product/Service ID Qualifier** | **X** |  | **ID 2/2** |
|  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |
|   | CB |  | Buyer's Catalog Number |
|   | EN |  | European Article Number (EAN) (2-5-5-1) |
|   | EO |  | EAN/UCC 8 |
|   | IB |  | International Standard Book Number (ISBN) |
|   | IN |  | Buyer's Item Number |
|   | SK |  | Stock Keeping Unit (SKU) |
|   | UA |  | U.P.C./EAN Case Code (2-5-5) |
|   | UK |  | U.P.C./EAN Shipping Container Code (1-2-5-5-1) |
|  | A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit |
|   | UP |  | U.P.C. Consumer Package Code (1-5-5-1) |
| **Must Use** | **SLN16** | **234** | **Product/Service ID** | **X** |  | **AN 1/48** |
|  | Identifying number for a product or service |
|  | When SLN15 = CB, this value is the Target.com DPCI (format xxx-xx-xxxx)When SLN15 = EN, this value is the 13 digit EANWhen SLN15 = EO, this value is the 8 digit EANWhen SLN15 = IB, this value is the ISBN (either 10 or 13 digits)When SLN15 = IN, this value is the Target.com item IDWhen SLN15 = SK, this value is the manufacturer's style numberWhen SLN15 = UA, this value is the UPC case codeWhen SLN15 = UK, this value is the 14-digit barcodeWhen SLN15 = UP, this value is the UPC |

 **Segment: PID Product/Item Description**

 **Position:** 490

 **Loop:** SLN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** 1000

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

 **Syntax Notes:** **1** If PID04 is present, then PID03 is required.

 **2** At least one of PID04 or PID05 is required.

 **3** If PID07 is present, then PID03 is required.

 **4** If PID08 is present, then PID04 is required.

 **5** If PID09 is present, then PID05 is required.

 **Semantic Notes:** **1** Use PID03 to indicate the organization that publishes the code list being referred to.

 **2** PID04 should be used for industry-specific product description codes.

 **3** PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.

 **4** PID09 is used to identify the language being used in PID05.

 **Comments:** **1** If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.

 **2** Use PID06 when necessary to refer to the product surface or layer being described in the segment.

 **3** PID07 specifies the individual code list of the agency specified in PID03.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*NOTE: This segment will contain the description of the component in the previous SLN segmentSample PID Segment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PID\*F\*08\*\*\*Component Description\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **PID01** | **349** | **Item Description Type** | **M** |  | **ID 1/1** |
|  | Code indicating the format of a description |
|   | F |  | Free-form |
| **Must Use** | **PID02** | **750** | **Product/Process Characteristic Code** | **O** |  | **ID 2/3** |
|  | Code identifying the general class of a product or process characteristic |
|   | 08 |  | Product |
|  | **PID03** | **559** | **Agency Qualifier Code** | **X** |  | **ID 2/2** |
|  | Code identifying the agency assigning the code values |
|  | Not used |
|  | **PID04** | **751** | **Product Description Code** | **X** |  | **AN 1/12** |
|  | A code from an industry code list which provides specific data about a product characteristic |
|  | Not used |
| **Must Use** | **PID05** | **352** | **Description** | **X** |  | **AN 1/80** |
|  | A free-form description to clarify the related data elements and their content |

 **Segment: CTT Transaction Totals**

 **Position:** 010

 **Loop:** CTT Optional (Must Use)

 **Level:** Summary

 **Usage:** Optional (Must Use)

 **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.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Sample CTT Segment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CTT\*1\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **CTT01** | **354** | **Number of Line Items** | **M** |  | **N0 1/6** |
|  | Total number of line items in the transaction set |
|  | Number of PO1 segments in this transaction set |
|  | **CTT02** | **347** | **Hash Total** | **O** |  | **R 1/10** |
|  | 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. |
|  | Sum of Quantity Ordered Element (PO102) |

 **Segment: SE Transaction Set Trailer**

 **Position:** 030

 **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.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Sample SE Segment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_SE\*25\*0001\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

**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 |