

Changes 5/2011:
SCH11 – Schedule line identifier

Changes made to specs on 8/2010:

- Added qualifier ZZ to REF segment at the Header to identify ERS orders that do not require an invoice.
- Added the Payment Information to the N1 loop at the header – RI (Remit To)

Changes made to specs on 11/9/09:

- Added qualifier DA to N1 segment at the Header and Line Level

Changes Made to Specs on 11/26/08:

- Added qualifiers FW and 19 to N1 segment.

Changes Made to Specs on 2/27/08:

- SCH05 add 067, 002, 077 qualifiers
- SCH08 add 002, 077 qualifiers

Changes made to specs on 12/7/05:

- POC02 codes 'CC', 'PC', 'RA' added
- REF01 code 'ZZ' added

860 Purchase Order Change Request - Buyer Initiated

Functional Group ID=**PC**

Introduction:

This standard provides for the format and establishes the data contents of a purchase order change transaction set. The purchase order change transaction set provides the information required for the customary and established business and industry practice relative to a purchase order change. This transaction can be used: (1) by a buyer to request a change to a previously submitted purchase order or (2) by a buyer to confirm acceptance of a purchase order change initiated by the seller or by mutual agreement of the two parties.

Heading:

| Pos. No. | Seg. ID | Name | Base Status | User Status | Max.Use | Loop Repeat | Notes and Comments |
|--------------|---------|---|-------------|-------------|---------|-------------|--------------------|
| 010 | ST | Transaction Set Header | M | M | 1 | | |
| 020 | BCH | Beginning Segment for Purchase Order Change | M | M | 1 | | |
| 040 | CUR | Currency | O | | 1 | | |
| 050 | REF | Reference Numbers | O | | 12 | | |
| 060 | PER | Administrative Communications Contact | O | | 3 | | |
| 070 | TAX | Tax Reference | O | | 3 | | |
| 080 | FOB | F.O.B. Related Instructions | O | | 1 | | |
| 110 | CSH | Header Sale Condition | O | | 1 | | |
| 130 | ITD | Terms of Sale/Deferred Terms of Sale | O | | 5 | | |
| 150 | DTM | Date/Time/Period | O | | 10 | | |
| 210 | PWK | Paperwork | O | | 25 | | |
| 240 | TD5 | Carrier Details (Routing Sequence/Transit Time) | O | | 12 | | |
| LOOP ID - N9 | | | | | | 1000 | |
| 280 | N9 | Reference Number | O | | 1 | | |
| 290 | MSG | Message Text | O | | 1000 | | |

| | | LOOP ID - N1 | | 200 |
|-----|----|-----------------------------|---|-----|
| 300 | N1 | Name | O | 1 |
| 310 | N2 | Additional Name Information | O | 1 |
| 320 | N3 | Address Information | O | 1 |
| 330 | N4 | Geographic Location | O | 1 |

Detail:

| <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Base Status</u> | <u>User Status</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|-----------------|----------------|---------------------------------------|--------------------|--------------------|----------------|--------------------|---------------------------|
| | | LOOP ID - POC | | 10000 | | | |
| 010 | POC | Line Item Change | O | | 1 | | |
| | | LOOP ID - PID | | 1000 | | | |
| 050 | PID | Product/Item Description | O | | 1 | | |
| 070 | PWK | Paperwork | O | | 25 | | |
| 090 | PO4 | Item Physical Details | O | | 1 | | |
| 100 | REF | Reference Numbers | O | | 12 | | |
| 110 | PER | Administrative Communications Contact | O | | 3 | | |
| 130 | ITA | Allowance, Charge or Service | O | | 10 | | |
| 170 | TAX | Tax Reference | O | | 3 | | |
| 220 | SCH | Line Item Schedule | O | | 200 | | |
| 280 | AMT | Monetary Amount | O | | 1 | | n1 |
| | | LOOP ID - SLN | | 1000 | | | |
| 290 | SLN | Subline Item Detail | O | | 1 | | |
| 300 | PID | Product/Item Description | O | | 1000 | | |
| | | LOOP ID - N9 | | 1000 | | | |
| 320 | N9 | Reference Number | O | | 1 | | |
| 330 | MSG | Message Text | O | | 1000 | | |
| | | LOOP ID - N1 | | 200 | | | |
| 340 | N1 | Name | O | | 1 | | |
| 350 | N2 | Additional Name Information | O | | 1 | | |
| 360 | N3 | Address Information | O | | 1 | | |
| 370 | N4 | Geographic Location | O | | 1 | | |

Summary:

| <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Base Status</u> | <u>User Status</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|-----------------|----------------|-------------------------|--------------------|--------------------|----------------|--------------------|---------------------------|
| 010 | CTT | Transaction Totals | M | M | 1 | | n2 |
| 020 | AMT | Monetary Amount | O | | 1 | | n3 |
| 030 | SE | Transaction Set Trailer | M | M | 1 | | |

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:
Comments: 1 The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| ST01 | 143 | Transaction Set Identifier Code Code uniquely identifying a Transaction Set | M ID 3/3 | M |
| ST02 | 329 | Transaction Set Control Number Identifying control number assigned by the originator for a transaction set. | M AN 4/9 | M |

Segment: **BCH** Beginning Segment for Purchase Order Change
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes:

Comments: 1 BCH09 is the seller's order number.

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|---|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| BCH01 | 353 | Transaction Set Purpose Code Code identifying purpose of transaction set | M ID 2/2 | M |
| | | 00 Original | | |
| | | 01 Cancellation | | |
| | | 02 Add | | |
| | | 03 Delete | | |
| | | 04 Change | | |
| | | 05 Replace | | |
| BCH02 | 92 | Purchase Order Type Code Code specifying the type of Purchase Order | M ID 2/2 | M |
| | | BE Blanket Order/Estimated Quantities (Not firm Commitment) | | |
| | | BK Blanket Order (Quantity Firm) | | |
| | | CP Change to Purchase Order | | |
| | | SA Stand-alone Order | | |
| BCH03 | 324 | Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser | M AN 1/22 | M |
| BCH04 | 328 | Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction | O AN 1/30 | |
| BCH05 | 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 | |
| BCH06 | 323 | Purchase Order Date Date assigned by the purchaser to Purchase Order | M DT 6/6 | M |
| BCH07 | 326 | Request Reference Number Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number) | O AN 1/45 | |
| BCH08 | 367 | Contract Number | O AN 1/30 | |
| BCH10 | 588 | Acknowledgment Date Date assigned by the sender to the acknowledgment. | O DT 6/6 | |
| BCH11 | 279 | Purchase Order Change Request Date Date of the purchase order change request. | O DT 6/6 | |

Segment: **CUR** Currency
Position: 040
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR11 is present, then CUR10 is required.
- 4 If CUR12 is present, then CUR10 is required.
- 5 If CUR14 is present, then CUR13 is required.
- 6 If CUR15 is present, then CUR13 is required.
- 7 If CUR17 is present, then CUR16 is required.
- 8 If CUR18 is present, then CUR16 is required.
- 9 If CUR20 is present, then CUR19 is required.
- 10 If CUR21 is present, then CUR19 is required.

Semantic Notes:
Comments:

1 Monetary values are assumed to be expressed in the currency of the country of the transaction originator unless the optional CUR segment is used to specify a different currency. The CUR segment also permits the transaction originator to indicate a specific exchange rate, foreign exchange location and date/time as the basis for a currency conversion. Example 1. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the heading area of a transaction, would indicate that all monetary values appearing in the transaction are expressed in Canadian Dollars (CAD). (In this example the exchange rate is at the discretion of the receiver). CUR*BY*CAD* N/L Example 2. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the detail area of a transaction, describes a currency conversion for that particular item from U.S. dollars to Canadian dollars. It also indicates that a specific exchange rate, at a specified foreign exchange location on a given date/time be used as the basis for the currency conversion. Notes below the diagram describe the meaning of the element values.
 CUR*BY*USD*1.20*SE*CAD*NY*007*840821*1400 N/L 1 2 3 4 1.
 Identifies the buyer's (BY) currency as U.S. dollars (USD). 2. The multiplier (1.20) is the exchange rate factor for the conversion. 3. Identifies the seller's (SE) currency as Canadian dollars (CAD). 4. Indicates the basis for the exchange rate as the New York Foreign Exchange (NY) and the effective date/time (007) as August 21, 1984 (840821) at 2:00 P.M. (1400). The value for this item is to be converted to Canadian dollars (CAD) at the exchange rate of 1.20, based on the New York Foreign Exchange (NY) at 2:00 P.M. (1400) on August 21, 1984. The actual unit price conversion for the item would be: The unit price value 7.50 (U.S. dollars) multiplied by the exchange rate (1.20) equals 9.00 Canadian dollars (7.50 X 1.20 = 9.00)
 CUR07 through CUR21 provide for five (5) dates/times relating to the currency conversion, i.e., effective date, expiration date, etc.

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| CUR01 | 98 | Entity Identifier Code | M ID 2/2 | M |
| | | Code identifying an organizational entity or a physical location. | | |
| | | 20 Foreign Supplier | | |
| | | BT Party to be Billed For Other Than Freight(Bill To) | | |
| | | BY Buying Party (Purchaser) | | |
| CUR02 | 100 | Currency Code | M ID 3/3 | M |
| | | Code (Standard ISO) for country in whose currency the charges are specified | | |
| CUR03 | 280 | Exchange Rate | O R 4/6 | |

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

CUR04 **98** **Entity Identifier Code** **O** **ID 2/2**

Code identifying an organizational entity or a physical location.

SE Selling Party

CUR05 **100** **Currency Code** **O** **ID 3/3**

Code (Standard ISO) for country in whose currency the charges are specified

CUR06 **669** **Currency Market/Exchange Code** **O** **ID 3/3**

Code identifying the market upon which the currency exchange rate is based

NYC New York Foreign Exchange

CUR07 **374** **Date/Time Qualifier** **X** **ID 3/3**

Code specifying type of date or time, or both date and time

007 Effective

CUR08 **373** **Date** **O** **DT 6/6**

Date (YYMMDD)

Segment: **REF** Reference Numbers
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 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>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|--|------------------------|------------------------|
| REF01 | 128 | Reference Number Qualifier Code qualifying the Reference Number. ME Message Address or ID PR Price Quote Number ZZ Mutually Defined | M ID 2/2 | M |
| REF02 | 127 | Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. | X AN 1/30 | |
| REF03 | 352 | Description A free-form description to clarify the related data elements and their content | X AN 1/80 | |

NOTES:

ERS Order & No Invoice Required When REF03 = INR, when REF01 = ZZ

Segment: **PER** Administrative Communications Contact
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 3
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.
Semantic Notes:
Comments:

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|--|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| PER01 | 366 | Contact Function Code | M ID 2/2 | M |
| | | Code identifying the major duty or responsibility of the person or group named | | |
| | | BD Buyer Name or Department | | |
| | | EB Entered By | | |
| | | SC Schedule Contact | | |
| PER02 | 93 | Name | O AN 1/35 | |
| | | Free-form name | | |
| PER03 | 365 | Communication Number Qualifier | X ID 2/2 | |
| | | Code identifying the type of communication number | | |
| | | EM Electronic Mail | | |
| | | FX Facsimile | | |
| | | IT International Telephone | | |
| | | TE Telephone | | |
| PER04 | 364 | Communication Number | X AN 7/25 | |
| | | Complete communications number including country or area code when applicable | | |

Segment: **TAX** Tax Reference
Position: 070
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To provide data required for proper notification/determination of applicable taxes applying to the transaction or business described in the transaction

- Syntax Notes:**
- 1 At least one of TAX01 or TAX02 is required.
 - 2 If TAX02 is present, then TAX03 is required.
 - 3 If TAX04 is present, then TAX05 is required.
 - 4 If TAX06 is present, then TAX07 is required.
 - 5 If TAX08 is present, then TAX09 is required.
 - 6 If TAX10 is present, then TAX11 is required.

Semantic Notes:

- Comments:**
- 1 Tax ID number is, in many instances, referred to as a "Tax Exemption Number." The paired (combined) use of data elements 309 and 310 provides for the designation of five (5) taxing jurisdictions.
 - 2 TAX01 is required if tax exemption is being claimed.

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| TAX01 | 325 | Tax Identification Number Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number | X AN 1/20 | |
| TAX02 | 309 | Location Qualifier CI City SP State/Province | O ID 1 /2 | |
| TAX03 | 310 | Location Identifier | X AN 1/20 | |
| TAX12 | 441 | Tax Exempt Code Code identifying exemption status from sales and use tax 1 Yes (Tax Exempt) 2 No (Not Tax Exempt) | O ID 1/1 | |

Segment: **FOB** **F.O.B. Related Instructions**
Position: 080
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify transportation instructions relating to shipment
Syntax Notes:

- 1 If FOB03 is present, then FOB02 is required.
- 2 If FOB04 is present, then FOB05 is required.
- 3 If FOB07 is present, then FOB06 is required.
- 4 If FOB08 is present, then FOB09 is required.

Semantic Notes:
Comments:

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.
- 3 FOB06 is the code specifying title passage location.
- 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|--|------------------------|------------------------|
| FOB01 | 146 | Shipment Method of Payment | M ID 2/2 | M |
| | | Code identifying payment terms for transportation charges | | |
| | | CC Collect | | |
| | | CD Collect on Delivery | | |
| | | CF Collect, Freight Credited Back to Customer | | |
| | | DF Defined by Buyer and Seller | | |
| | | PB Customer Pick-up/Backhaul | | |
| | | PC Prepaid but Charged to Customer | | |
| | | PP Prepaid (by Seller) | | |
| | | PU Pickup | | |
| | | RC Return Container Freight Paid by Customer | | |
| | | RS Return Container Freight Paid by Supplier | | |
| FOB02 | 309 | Location Qualifier | X ID 1/2 | |
| | | Code identifying type of location | | |
| | | CA Country of Origin | | |
| | | DE Destination (Shipping) | | |
| | | OR Origin (Shipping Point) | | |
| | | PE Port of Entry | | |
| | | Port where customs is declared | | |
| | | ZZ Mutually Defined | | |
| FOB03 | 352 | Description | O AN 1/80 | |
| | | A free-form description to clarify the related data elements and their content | | |

Segment: **CSH** Header Sale Condition
Position: 110
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify general conditions or requirements of the sale
Syntax Notes: 1 If CSH02 is present, then CSH03 is required.
 2 If either CSH06 or CSH07 is present, then the other is required.
Semantic Notes:
Comments: 1 CSH04 is the account number to which the purchase amount is to be charged.
 2 CSH06 identifies the source of the code value in CSH07.

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| CSH01 | 563 | Sales Requirement Code Code to identify a specific requirement or agreement of sale N No Back Order Y Back Order if Out of Stock | O ID 1/2 | |
| CSH02 | 564 | Do-Not-Exceed Action Code Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565) 0 Cancel Balance of Order/Item that Exceeds Value Specified in Data Element 565 1 Cancel Entire Order/Item | O ID 1/1 | |
| CSH03 | 565 | Do-Not-Exceed Amount Maximum monetary amount value which the order must not exceed. | X N2 2/9 | |

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 130
Loop:
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify terms of sale
Syntax Notes:

- 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantic Notes:
Comments:

- 1 If the code in ITD01 is 04, then ITD09 is required and either ITD10 or ITD11 is required. If the code in ITD01 equals 05, then ITD06 or ITD07 is required.
- 2 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| ITD01 | 336 | Terms Type Code Code identifying type of payment terms | O ID 2/2 | |
| | | 01 Basic | | |
| | | 02 End of Month (EOM) | | |
| | | 03 Fixed Date | | |
| | | 04 Deferred or Installment | | |
| | | 09 Proximo | | |
| | | 14 Previously agreed upon | | |
| ITD02 | 333 | Terms Basis Date Code Code identifying the beginning of the terms period | O ID 1/2 | |
| | | 1 Ship Date | | |
| | | 2 Delivery Date | | |
| | | 3 Invoice Date | | |
| | | 4 Specified Date | | |
| ITD03 | 338 | Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date | O R 1/6 | |
| ITD05 | 351 | Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned | X N0 1/3 | |
| ITD07 | 386 | Terms Net Days Number of days until total invoice amount is due (discount not applicable) | O N0 1/3 | |
| ITD12 | 352 | Description A free-form description to clarify the related data elements and their content | O AN 1/80 | |
| ITD13 | 765 | Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced | X N0 1/2 | |
| ITD14 | 107 | Payment Method Code Code identifying type of payment procedures | O ID 1/1 | |
| | | C Pay By Check | | |
| | | E Electronic Payment System | | |
| | | L Letter of Credit | | |

Segment: **DTM** Date/Time/Period
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 or DTM03 is required.
Semantic Notes:
Comments:

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|---|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| DTM01 | 374 | Date/Time Qualifier Code specifying type of date or time, or both date and time | M ID 3/3 | M |
| | | 002 Delivery Requested | | |
| | | 007 Effective | | |
| | | 036 Expiration Date coverage expires | | |
| DTM02 | 373 | Date Date (YYMMDD) | X DT 6/6 | |
| DTM05 | 624 | Century The first two characters in the designation of the year (CCYY) | O N0 2/2 | |

Segment: **PWK** Paperwork
Position: 210
Loop:
Level: Heading
Usage: Optional
Max Use: 25
Purpose: To specify the type and transmission of paperwork relating to a product, order or report.
Syntax Notes: 1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:
Comments:

- 1 PWK05 and PWK06 may be used to identify the addressee by a code number.
- 2 PWK07 may be used to indicate special information to be shown on the specified report.
- 3 PWK08 may be used to indicate action pertaining to a report.

Data Element Summary

| <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Base</u> <u>Attributes</u> | <u>User</u> <u>Attributes</u> |
|----------------------------|-------------------------------|---|----------------------------------|----------------------------------|
| PWK01 | 755 | Report Type Code Code indicating the title and/or contents of a document or report. RO Regular Order | M ID 2/2 | M |
| PWK02 | 756 | Report Transmission Code Code defining timing, transmission method or format by which reports are to be sent EL Electronically Only | M ID 2/2 | M |
| PWK05 | 66 | Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent | X ID 1/2 | |
| PWK06 | 67 | Identification Code Code identifying a party. This element will contain "yes" or "no" depending on whether a response is required. | X AN 2/17 | |

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 240
Loop:
Level: Heading
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 TD504 or TD505 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.

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

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| TD501 | 133 | Routing Sequence Code | O ID 1/2 | |
| | | Code describing the relationship of a carrier to a specific shipment movement | | |
| | | B Origin/Delivery Carrier (Any Mode) | | |
| TD505 | 387 | Routing | X AN 1/35 | |
| | | Free-form description of the routing or requested routing for shipment, or the originating carrier's identity | | |

Segment: **N9** Reference Number
Position: 280
Loop: N9 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax Notes: 1 At least one of N902 or N903 is required.
Semantic Notes:
Comments:

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|--|------------------------|------------------------|
| N901 | 128 | Reference Number Qualifier Code qualifying the Reference Number. 32 Account Number 39 Proposal Number CJ Clause Number CT Contract Number CU Clear Text Clause DF Defense Federal Acquisition Regulations (DFAR) DS Defense Priorities Allocation System (DPAS) Priority Rating P4 Project Code ZZ Mutually Defined | M ID 2/2 | M |
| N902 | 127 | Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. | C AN 1/30 | |
| N903 | 369 | Free-form Description Free-form descriptive text | C AN 1/45 | |

Segment: **MSG** Message Text
Position: 290
Loop: N9 Optional
Level: Heading
Usage: Optional
Max Use: 1000
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|--|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| MSG01 | 933 | Free-Form Message Text Free-form message text | M AN 1/264 | M |
| MSG02 | 934 | Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer | O ID 2/2 | |

Segment: **N1** Name
Position: 300
Loop: N1 Optional
Level: Heading
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

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| N101 | 98 | Entity Identifier Code Code identifying an organizational entity or a physical location. 19 Non production supplier BT Party to be Billed For Other Than Freight(Bill To) BY Buying Party (Purchaser) DA Delivery Address FW Freight Forwarded IC Intermediate Consignee OB Ordered By PL Party to Receive Purchase Order RI Remit To SE Selling Party SO Sold To If Different >From Bill To ST Ship To | M ID 2/2 | M |
| N102 | 93 | Name Free-form name | X AN 1/35 | |
| N103 | 66 | Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 1 Dun and Bradstreet (Credit Reporting) (DUNS) 92 Assigned by Buyer or Buyer's Agent | X ID 1/2 | |
| N104 | 67 | Identification Code Code identifying a party. | X AN 2/17 | |

N101 = RI (Remit To) is the Payment Information

Segment: N2 Additional Name Information
Position: 310
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|------------------------|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> | <u>Attributes</u> |
| N201 | 93 | Name Free-form name | M AN 1/35 | M |
| N202 | 93 | Name Free-form name | O AN 1/35 | |

Segment: **N3** Address Information
Position: 320
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| N301 | 166 | Address Information Address information | M AN 1/35 | M |
| N302 | 166 | Address Information Address information | O AN 1/35 | |

Segment: **N4 Geographic Location**
Position: 330
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:
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 USA or Canada.

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|---|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| N401 | 19 | City Name Free-form text for city name | O AN 2/19 | |
| N402 | 156 | State or Province Code Code (Standard State/Province) as defined by appropriate government agency | O ID 2/2 | |
| N403 | 116 | Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | O ID 4/9 | |
| N404 | 26 | Country Code Code identifying the country | O ID 2/2 | |

Segment: **POC** Line Item Change
Position: 010
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify changes to a line item
Syntax Notes:

- 1 If POC03 is present, then both POC04 and POC05 are required.
- 2 If POC07 is present, then POC06 is required.
- 3 If POC08 is present, then POC09 is required.
- 4 If POC10 is present, then POC11 is required.
- 5 If POC12 is present, then POC13 is required.
- 6 If POC14 is present, then POC15 is required.
- 7 If POC16 is present, then POC17 is required.
- 8 If POC18 is present, then POC19 is required.
- 9 If POC20 is present, then POC21 is required.
- 10 If POC22 is present, then POC23 is required.
- 11 If POC24 is present, then POC25 is required.
- 12 If POC26 is present, then POC27 is required.

Semantic Notes:
Comments:

- 1 POC01 is the purchase order line item identification.

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| POC01 | 350 | Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set | O AN 1/11 | |
| POC02 | 670 | Change or Response Type Code Code specifying the type of change to the line item | M ID 2/2 | M |
| | | AI Add Additional Item(s) | | |
| | | CA Changes To Line Items | | |
| | | CD Change of Dates | | |
| | | DI Delete Item(s) | | |
| | | MU (Multiple) For Unit Price Quantity Reschedule Change | | |
| | | NC Concurrent Item (No Change) | | |
| | | PQ Unit Price/Quantity Change | | |
| | | PR Unit Price/Reschedule Change | | |
| | | QD Quantity Decrease | | |
| | | QI Quantity Increase | | |
| | | RB Replace All Dates | | |
| | | RE Replacement Item | | |
| | | RQ Reschedule/Quantity Change | | |
| | | RS Reschedule | | |
| | | CC Change to Terms | | |
| | | PC Price Change | | |
| | | RA Replace Mode of Shipment | | |
| POC03 | 330 | Quantity Ordered Quantity ordered | O R 1/9 | |
| POC04 | 671 | Quantity Left to Receive Quantity left to receive as qualified by the unit of measure | X R 1/9 | |
| POC05 | 355 | Unit or Basis for Measurement Code Code identifying the basic unit of measurement. | X ID 2/2 | |
| POC06 | 212 | Unit Price | X R 1/14 | |

| | | | | |
|--------------|------------|---|----------|----------------|
| | | Price per unit of product, service, commodity, etc. | | |
| POC08 | 235 | Product/Service ID Qualifier | O | ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | |
| | | BP Buyer's Part Number | | |
| POC09 | 234 | Product/Service ID | X | AN 1/30 |
| | | Identifying number for a product or service | | |
| POC10 | 235 | Product/Service ID Qualifier | O | ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | |
| | | DR Drawing Revision Number | | |
| POC11 | 234 | Product/Service ID | X | AN 1/30 |
| | | Identifying number for a product or service | | |
| POC12 | 235 | Product/Service ID Qualifier | O | ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | |
| | | VP Vendor's (Seller's) Part Number | | |
| POC13 | 234 | Product/Service ID | X | AN 1/30 |
| | | Identifying number for a product or service | | |
| POC14 | 235 | Product/Service ID Qualifier | O | ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | |
| | | EC Engineering Change Level | | |
| POC15 | 234 | Product/Service ID | X | AN 1/30 |
| | | Identifying number for a product or service | | |
| POC16 | 235 | Product/Service ID Qualifier | O | ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | |
| | | CR Contract Number | | |
| POC17 | 234 | Product/Service ID | X | AN 1/30 |
| | | Identifying number for a product or service | | |
| POC18 | 235 | Product/Service ID Qualifier | O | ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | |
| | | VC Vendor's (Seller's) Catalog Number | | |
| POC19 | 234 | Product/Service ID | X | AN 1/30 |
| | | Identifying number for a product or service | | |
| POC20 | 235 | Product/Service ID Qualifier | O | ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | |
| | | PW Part Drawing | | |
| POC21 | 234 | Product/Service ID | X | AN 1/30 |
| | | Identifying number for a product or service | | |
| POC22 | 235 | Product/Service ID Qualifier | X | ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | |
| | | TP Product Type Code | | |
| POC23 | 234 | Product/Service ID | X | AN 1/30 |
| | | Identifying number for a product or service KANBAN or REGULAR | | |

Segment: **PID** Product/Item Description
Position: 050
Loop: PID Optional
Level: Detail
Usage: Optional
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.
Semantic Notes:
Comments: 1 If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = ``X", then both PID04 and PID05 are used.
 2 Use PID03 to indicate the organization that publishes the code list being referred to.
 3 PID04 should be used for industry-specific product description codes.
 4 Use PID06 when necessary to refer to the product surface or layer being described in the segment.

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|--|------------------------|------------------------|
| PID01 | 349 | Item Description Type Code indicating the format of a description F Free-form | M ID 1/1 | M |
| PID02 | 750 | Product/Process Characteristic Code Code specifying the product or process characteristic being described. 83 CID (Commercial Item Description) 84 Special Specification | O ID 2/3 | |
| PID05 | 352 | Description A free-form description to clarify the related data elements and their content | X AN 1/80 | |

Segment: **PWK** Paperwork
Position: 070
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To specify the type and transmission of paperwork relating to a product, order or report.
Syntax Notes: 1 P0506 - If either PWK05 or PWK06 is present, then the other is required.

Semantic Notes:

- Comments:**
- 1 PWK05 and PWK06 may be used to identify the addressee by a code number.
 - 2 PWK07 may be used to indicate special information to be shown on the specified report.
 - 3 PWK08 may be used to indicate action pertaining to a report.

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|--|------------------------|------------------------|
| PWK01 | 755 | Report Type Code CO = Consignment Order RO = Regular Order | M ID 2/2 | |
| PWK02 | 756 | Report Trans. Code EL = Electronically only | M ID 2/2 | |

Segment: **PO4** Item Physical Details
Position: 090
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:

- 1 If PO402 is present, then PO403 is required.
- 2 If PO405 is present, then at least one of PO406 or PO407 is required.
- 3 If PO408 is present, then PO409 is required.
- 4 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.

Semantic Notes:
Comments:

- 1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
- 2 PO410 defines the unit of measure for PO408, PO409, and PO410.

Data Element Summary

| <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Base</u> <u>Attributes</u> | <u>User</u> <u>Attributes</u> |
|----------------------------|-------------------------------|--|----------------------------------|----------------------------------|
| PO401 | 356 | Pack | O N0 1/6 | |
| | | Number of inner pack units per outer pack unit | | |

Segment: **REF** Reference Numbers
Position: 100
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 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>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| REF01 | 128 | Reference Number Qualifier Code qualifying the Reference Number. 32 Account Number CA Cost Allocation Reference DS Defense Priorities Allocation System (DPAS) Priority Rating ME Message Address or ID PR Price Quote Number RQ Purchase Requisition No. BO Bin Location Number SP Scan Line ZZ Mutually Defined | M ID 2/2 | M |
| REF02 | 127 | Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. If REF01 = CA or 32, use this code list for REF02. 1200 TORONTO 1800 ENGINES 2700 TORRANCE 3400 FLUID SYSTEMS 4100 CAS/EAS 4400 ALS SOUTH BEND | X AN 1/30 | |
| REF03 | 352 | Description A free-form description to clarify the related data elements and their content | X AN 1/80 | |

Segment: **PER Administrative Communications Contact**
Position: 110
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: 3
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.
Semantic Notes:
Comments:

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|--|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| PER01 | 366 | Contact Function Code | M ID 2/2 | M |
| | | Code identifying the major duty or responsibility of the person or group named | | |
| | | BD Buyer Name or Department | | |
| | | CW Confirmed With | | |
| | | EB Entered By | | |
| | | SC Schedule Contact | | |
| | | SU Supplier Contact | | |
| PER02 | 93 | Name | O AN 1/35 | |
| | | Free-form name | | |
| PER03 | 365 | Communication Number Qualifier | X ID 2/2 | |
| | | Code identifying the type of communication number | | |
| | | EM Electronic Mail | | |
| | | FX Facsimile | | |
| | | IT International Telephone | | |
| | | TE Telephone | | |
| PER04 | 364 | Communication Number | X AN 7/25 | |
| | | Complete communications number including country or area code when applicable | | |

Segment: **ITA** Allowance, Charge or Service
Position: 130
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify allowances, charges, or services
Syntax Notes:

- 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required.
- 2 If ITA08 is present, then ITA09 is required.
- 3 If ITA10 is present, then ITA11 is required.

Semantic Notes:
Comments:

- 1 If ITA01 = A-Allowance or C-Charge, then at least one of ITA06, ITA07, or ITA08 must be present.
- 2 ITA02 identifies the source of the code value in ITA03 or ITA15.
- 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.
- 4 ITA12 is the quantity of free goods.
- 5 ITA13 is used to clarify the allowance, charge, or service.

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| ITA01 | 248 | Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge | M ID 1/1 | M |
| ITA04 | 331 | Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge 05 Charge to be Paid by Vendor 06 Charge to be Paid by Customer | M ID 2/2 | M |
| ITA06 | 359 | Allowance or Charge Rate Allowance or Charge Rate per Unit | O R 1/9 | |
| ITA07 | 360 | Allowance or Charge Total Amount Total dollar amount for the allowance or charge | O N2 1/9 | |
| ITA10 | 339 | Allowance or Charge Quantity Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity | O R 1/10 | |
| ITA11 | 355 | Unit or Basis for Measurement Code Code identifying the basic unit of measurement. | X ID 2/2 | |
| ITA12 | 380 | Quantity Numeric value of quantity | O R 1/15 | |
| ITA13 | 352 | Description A free-form description to clarify the related data elements and their content | X AN 1/80 | |

Segment: **TAX** Tax Reference
Position: 170
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To provide data required for proper notification/determination of applicable taxes applying to the transaction or business described in the transaction

- Syntax Notes:**
- 1 At least one of TAX01 or TAX02 is required.
 - 2 If TAX02 is present, then TAX03 is required.
 - 3 If TAX04 is present, then TAX05 is required.
 - 4 If TAX06 is present, then TAX07 is required.
 - 5 If TAX08 is present, then TAX09 is required.
 - 6 If TAX10 is present, then TAX11 is required.

Semantic Notes:

- Comments:**
- 1 Tax ID number is, in many instances, referred to as a "Tax Exemption Number." The paired (combined) use of data elements 309 and 310 provides for the designation of five (5) taxing jurisdictions.
 - 2 TAX01 is required if tax exemption is being claimed.

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| TAX01 | 325 | Tax Identification Number | X AN 1/20 | |
| | | Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number | | |
| TAX12 | 441 | Tax Exempt Code | O ID 1/1 | |
| | | Code identifying exemption status from sales and use tax | | |
| | | 1 | Yes (Tax Exempt) | |
| | | 2 | No (Not Tax Exempt) | |

Segment: **SCH** Line Item Schedule
Position: 220
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: 200
Purpose: To specify the data for scheduling a specific line-item
Syntax Notes: 1 If SCH03 is present, then SCH04 is required.
 2 If SCH09 is present, then SCH08 is required.
Semantic Notes:
Comments: 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|--|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| SCH01 | 380 | Quantity Numeric value of quantity | M R 1/15 | M |
| SCH02 | 355 | Unit or Basis for Measurement Code Code identifying the basic unit of measurement. | M ID 2/2 | M |
| SCH05 | 374 | Date/Time Qualifier Code specifying type of date or time, or both date and time 067 Current Schedule Delivery 002 Delivery Requested 077 Requested for Delivery (Week of) | M ID 3/3 | M |
| SCH06 | 373 | Date Date (YYMMDD) | M DT 6/6 | M |
| SCH08 | 374 | Date/Time Qualifier Code specifying type of date or time 002 Delivery Requested 077 Requested for Delivery (Week of) | X ID 3/3 | |
| SCH09 | 373 | Date Date (YYMMDD) | O DT 6/6 | |
| SCH11 | 326 | Request Reference Number | O AN 1/45 | |

SCH11 – Schedule line identifier for VAN suppliers

Segment: AMT Monetary Amount

Position: 280
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| AMT01 | 522 | Amount Qualifier Code Code to qualify amount | M ID 1/2 | M |
| | | 1 Line Item Total | | |
| | | 14 Legal Obligation Debt Amount | | |
| | | NP Net to Pay Total | | |
| AMT02 | 782 | Monetary Amount Monetary amount | M R 1/15 | M |

Segment: **SLN Subline Item Detail**
Position: 290
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify product subline detail item data
Syntax Notes:

- 1 If SLN07 is present, then SLN06 is required.
- 2 If SLN08 is present, then SLN06 is required.
- 3 If SLN09 is present, then SLN10 is required.
- 4 If SLN11 is present, then SLN12 is required.
- 5 If SLN13 is present, then SLN14 is required.
- 6 If SLN15 is present, then SLN16 is required.
- 7 If SLN17 is present, then SLN18 is required.
- 8 If SLN19 is present, then SLN20 is required.
- 9 If SLN21 is present, then SLN22 is required.
- 10 If SLN23 is present, then SLN24 is required.
- 11 If SLN25 is present, then SLN26 is required.
- 12 If SLN27 is present, then SLN28 is required.

Semantic Notes:

- Comments:**
- 1 See the Data Dictionary for a complete list of ID's.
 - 2 SLN01 is the identifying number for the subline item. It 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 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
 - 4 SLN09 through SLN28 provide for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

| <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Base</u> <u>Attributes</u> | <u>User</u> <u>Attributes</u> |
|----------------------------|-------------------------------|---|----------------------------------|----------------------------------|
| SLN01 | 350 | Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set | M AN 1/11 | M |
| SLN02 | 350 | Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set | O AN 1/11 | |
| SLN03 | 661 | Configuration Code Code indicating the relationship of the subline item to the baseline item. | M ID 1/1 | M |
| SLN04 | 380 | Quantity Numeric value of quantity | M R 1/15 | M |
| SLN05 | 355 | Unit or Basis for Measurement Code Code identifying the basic unit of measurement. | M ID 2/2 | M |
| SLN06 | 212 | Unit Price Price per unit of product, service, commodity, etc. | C R 1/14 | |
| SLN07 | 639 | Basis of Unit Price Code Code identifying the type of unit price for an item | O ID 2/2 | |
| SLN08 | 662 | Subline Price Change Code ID Code indicating the relationship of the subline item unit price to the baseline item unit price. | O ID 1/1 | |
| SLN09 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | O ID 2/2 | |
| | | BP Buyer's Part Number | | |
| SLN10 | 234 | Product/Service ID | C AN 1/30 | |

| | | | | |
|--------------|------------|---|----------|----------------|
| | | Identifying number for a product or service | | |
| SLN11 | 235 | Product/Service ID Qualifier | O | ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | |
| | | DR Drawing Revision Number | | |
| SLN12 | 234 | Product/Service ID | C | AN 1/30 |
| | | Identifying number for a product or service | | |
| SLN13 | 235 | Product/Service ID Qualifier | O | ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | |
| | | VP Vendor's (Seller's) Part Number | | |
| SLN14 | 234 | Product/Service ID | C | AN 1/30 |
| | | Identifying number for a product or service | | |
| SLN15 | 235 | Product/Service ID Qualifier | O | ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | |
| | | EC Engineering Change Level | | |
| SLN16 | 234 | Product/Service ID | C | AN 1/30 |
| | | Identifying number for a product or service | | |
| SLN17 | 235 | Product/Service ID Qualifier | O | ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | |
| | | CR Contract Number | | |
| SLN18 | 234 | Product/Service ID | C | AN 1/30 |
| | | Identifying number for a product or service | | |

Segment: **PID** **Product/Item Description**
Position: 300
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.

Semantic Notes:
Comments:

- 1 If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = ``X", then both PID04 and PID05 are used.
- 2 Use PID03 to indicate the organization that publishes the code list being referred to.
- 3 PID04 should be used for industry-specific product description codes.
- 4 Use PID06 when necessary to refer to the product surface or layer being described in the segment.

Data Element Summary

| <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Base</u> <u>Attributes</u> | <u>User</u> <u>Attributes</u> |
|----------------------------|-------------------------------|--|----------------------------------|----------------------------------|
| PID01 | 349 | Item Description Type Code indicating the format of a description | M ID 1/1 | M |
| PID02 | 750 | Product/Process Characteristic Code Code specifying the product or process characteristic being described. | O ID 2/3 | |
| PID05 | 352 | Description A free-form description to clarify the related data elements and their content | X AN 1/80 | |

Segment: **N9 Reference Number**
Position: 320
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax Notes: 1 At least one of N902 or N903 is required.
Semantic Notes:
Comments:

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|--|------------------------|------------------------|
| N901 | 128 | Reference Number Qualifier Code qualifying the Reference Number. | M ID 2/2 | M |
| | | 32 Account Number | | |
| | | C1 Customer material specification number | | |
| | | C2 Customer process specification number | | |
| | | C3 Customer specification number | | |
| | | CA Cost Allocation Reference | | |
| | | CI Unique Consignment Identifier | | |
| | | CJ Clause Number | | |
| | | CU Clear Text Clause | | |
| | | DF Defense Federal Acquisition Regulations (DFAR) | | |
| | | DO Delivery Order Number | | |
| | | DS Defense Priorities Allocation System (DPAS) Priority Rating | | |
| | | LT Lot Number | | |
| | | M1 Material Storage Location | | |
| | | MF Manufacturers Part Number | | |
| | | MS Manufacturer's Material Safety Data Sheet Number | | |
| | | MU Military Specification (MILSPEC) Number | | |
| | | NN Nonconformance Report Number | | |
| | | P4 Project Code | | |
| | | P7 Product Line Number | | |
| | | QY Service Performed Code Number indicating the type of service performed to repair a product | | |
| | | R1 Current Revision Number | | |
| | | RE Release Number | | |
| | | S1 Engineering Specification Number | | |
| | | S3 Specification Number | | |
| | | SF Ship From | | |
| | | WS Warehouse storage location number | | |
| | | ZC Connecting Carrier | | |
| | | ZZ Mutually Defined | | |
| N902 | 127 | Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. | C AN 1/30 | |
| N903 | 369 | Free-form Description Free-form descriptive text | C AN 1/45 | |

Segment: **MSG** Message Text
Position: 330
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1000
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|--|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| MSG01 | 933 | Free-Form Message Text Free-form message text | M AN 1/264 | M |
| MSG02 | 934 | Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer | O ID 2/2 | |

Segment: **N1** Name
Position: 340
Loop: N1 Optional
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

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|--|------------------------|------------------------|
| N101 | 98 | Entity Identifier Code Code identifying an organizational entity or a physical location. DA Delivery Address SF Ship From ST Ship To | M ID 2/2 | M |
| N102 | 93 | Name Free-form name | X AN 1/35 | |
| N103 | 66 | Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 1 Dun and Bradstreet (Credit Reporting) (DUNS) | X ID 1/2 | |
| N104 | 67 | Identification Code Code identifying a party. | X AN 2/17 | |

Segment: N2 Additional Name Information
Position: 350
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|------------------------|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> | <u>Attributes</u> |
| N201 | 93 | Name Free-form name | M AN 1/35 | M |
| N202 | 93 | Name Free-form name | O AN 1/35 | |

Segment: **N3** Address Information
Position: 360
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

| <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Base</u> <u>Attributes</u> | <u>User</u> <u>Attributes</u> |
|----------------------------|-------------------------------|---|----------------------------------|----------------------------------|
| N301 | 166 | Address Information Address information | M AN 1/35 | M |
| N302 | 166 | Address Information Address information | O AN 1/35 | |

Segment: **N4 Geographic Location**
Position: 370
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:
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 USA or Canada.

Data Element Summary

| <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Base</u> <u>Attributes</u> | <u>User</u> <u>Attributes</u> |
|----------------------------|-------------------------------|--|----------------------------------|----------------------------------|
| N401 | 19 | City Name Free-form text for city name | O AN 2/19 | |
| N402 | 156 | State or Province Code Code (Standard State/Province) as defined by appropriate government agency | O ID 2/2 | |
| N403 | 116 | Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | O ID 4/9 | |
| N404 | 26 | Country Code Code identifying the country | O ID 2/2 | |

Segment: **CTT** Transaction Totals
Position: 010
Loop:
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 CTT03 is present, then CTT04 is required.
 2 If CTT05 is present, then CTT06 is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|--|------------------------|------------------------|
| CTT01 | 354 | Number of Line Items Total number of line items in the transaction set | M N0 1/6 | M |
| 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. | O R 1/10 | |

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.

Segment: **AMT** Monetary Amount
Position: 020
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|--|------------------------|------------------------|
| AMT01 | 522 | Amount Qualifier Code Code to qualify amount TT Total Transaction Amount | M ID 1/2 | M |
| AMT02 | 782 | Monetary Amount Monetary amount | M R 1/15 | M |

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.

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| SE01 | 96 | Number of Included Segments | M N0 1/6 | M |
| | | Total number of segments included in a transaction set including ST and SE segments | | |
| SE02 | 329 | Transaction Set Control Number | M AN 4/9 | M |
| | | Identifying control number assigned by the originator for a transaction set. | | |