



## **860 Purchase Order Change Request - Buyer Initiated**

**X12/V4030/860: 860 Purchase Order Change Request - Buyer Initiated**

<b>Author:</b>	<b>FDS EC DEPT.</b>
<b>Publication:</b>	Version 1.1(07/10/2007)
<b>Trading Partner:</b>	Merchandise Vendors
<b>Notes:</b>	Vendor should support ML Po's before implementing the 860 transaction. Updated Logo

**860****Purchase Order Change Request - Buyer Initiated****Functional Group=PC**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Request - Buyer Initiated Transaction Set (860) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide 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.

**Not Defined:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

**Heading:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0200	BCH	Beginning Segment for Purchase Order Change	M	1			Must use
0400	CUR	Currency	O	1			Used
0500	REF	Reference Identification	O	>1			Used
0500	REF	Reference Identification	O	>1			Used
0800	FOB	F.O.B. Related Instructions	O	>1			Used
1100	CSH	Sales Requirements	O	5			Used
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	5			Used
1500	DTM	Date/Time Reference	O	10			Used
1500	DTM	Date/Time Reference	O	10			Used
1500	DTM	Date/Time Reference	O	10			Used
2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used

<u>LOOP ID - N9</u>					<u>1000</u>		
2850	N9	Reference Identification	O	1			Used
2900	MTX	Text	O	>1			Used

<u>LOOP ID - N1</u>					<u>200</u>		
3000	N1	Name	O	1			Used
3200	N3	Address Information	O	2			Used
3300	N4	Geographic Location	O	>1			Used
3500	PER	Administrative Communications Contact	O	>1		N1/3500	Used

**Detail:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - POC</u>					<u>&gt;1</u>		
0100	POC	Line Item Change	O	1			Used
0400	CTP	Pricing Information	O	>1			Used
<u>LOOP ID - PID</u>					<u>1000</u>		
0500	PID	Product/Item Description	O	1			Used
0900	PO4	Item Physical Details	O	>1			Used
1900	SDQ	Destination Quantity	O	500			Used

2920	MTX	Text	O	>1			Used
------	-----	------	---	----	--	--	------

**Summary:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - CTT</b>						<b>1</b>	<b>N3/0100L</b>
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0200	AMT	Monetary Amount	O	5			Used
0300	SE	Transaction Set Trailer	M	1			Must use

**Not Defined:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

**Notes:**

- 1/3500 PER SEGMENT WILL ONLY BE PRESENT FOR N101(ST) FOR APPOINTMENT CO-ORDINATOR PHONE NUMBERS.
- 3/0100L Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.
- 3/0100 Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

# ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	<b>Authorization Information Qualifier</b> <b>Description:</b> Code identifying the type of information in the Authorization Information <b>All valid standard codes are used.</b>	M	ID	2/2	Must use
ISA02	I02	<b>Authorization Information</b> <b>Description:</b> Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	<b>Security Information Qualifier</b> <b>Description:</b> Code identifying the type of information in the Security Information <b>All valid standard codes are used.</b>	M	ID	2/2	Must use
ISA04	I04	<b>Security Information</b> <b>Description:</b> This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	<b>Interchange ID Qualifier</b> <b>Description:</b> Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified	M	ID	2/2	Must use
		<b>Code</b> <b>Name</b> 01            Duns (Dun & Bradstreet)				
ISA06	I06	<b>Interchange Sender ID</b> <b>Description:</b> Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element <b>FDS Instructions: FAMILY DOLLAR TEST ID: 024472631T</b> <b>FAMILY DOLLAR PROD ID: 024472631</b>	M	AN	15/15	Must use
ISA07	I05	<b>Interchange ID Qualifier</b> <b>Description:</b> Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified <b>FDS Instructions: TRADING PARTNERS CODE</b> <b>All valid standard codes can be used.</b>	M	ID	2/2	Must use
ISA08	I07	<b>Interchange Receiver ID</b> <b>Description:</b> Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them <b>FDS Instructions: TRADING PARTNER'S RECEIVER ID</b>	M	AN	15/15	Must use
ISA09	I08	<b>Interchange Date</b>	M	DT	6/6	Must use

		<b>Description:</b> Date of the interchange				
ISA10	I09	<b>Interchange Time</b> <b>Description:</b> Time of the interchange	M	TM	4/4	Must use
ISA11	I65	<b>Repetition Separator</b> <b>Description:</b> Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator	M		1/1	Must use
ISA12	I11	<b>Interchange Control Version Number</b> <b>Description:</b> Code specifying the version number of the interchange control segments	M	ID	5/5	Must use
		<b>Code</b> <b>Name</b> 00403            Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999				
ISA13	I12	<b>Interchange Control Number</b> <b>Description:</b> A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	<b>Acknowledgment Requested</b> <b>Description:</b> Code indicating sender's request for an interchange acknowledgment	M	ID	1/1	Must use
		<b>Code</b> <b>Name</b> 0                No Acknowledgment Requested				
ISA15	I14	<b>Usage Indicator</b> <b>Description:</b> Code indicating whether data enclosed by this interchange envelope is test, production or information	M	ID	1/1	Must use
		<b>Code</b> <b>Name</b> P                Production Data T                Test Data				
ISA16	I15	<b>Component Element Separator</b> <b>Description:</b> Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

# GS Functional Group Header

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 8</b>

**User Option (Usage):** Must use

To indicate the beginning of a functional group and to provide control information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	<b>Functional Identifier Code</b> <b>Description:</b> Code identifying a group of application related transaction sets	M	ID	2/2	Must use
		<b>Code</b> <b>Name</b> PC                    Purchase Order Change Request - Buyer Initiated (860)				
GS02	142	<b>Application Sender's Code</b> <b>Description:</b> Code identifying party sending transmission; codes agreed to by trading partners <b>FDS Instructions:</b> <i>FAMILY DOLLAR TEST GS ID:e 024472631T</i> <i>FAMILY DOLLAR PROD GS ID: 024472631</i>	M	AN	2/15	Must use
GS03	124	<b>Application Receiver's Code</b> <b>Description:</b> Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	<b>Time</b> <b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	<b>Group Control Number</b> <b>Description:</b> Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	<b>Responsible Agency Code</b> <b>Description:</b> Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480	M	ID	1/2	Must use
		<b>Code</b> <b>Name</b> X                    Accredited Standards Committee X12				
GS08	480	<b>Version / Release / Industry Identifier Code</b> <b>Description:</b> Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed	M	AN	1/12	Must use
		<b>Code</b> <b>Name</b> 004032            Draft Standards Approved for Publication by ASC X12 Procedures Review Board through				

June 2000

**Semantics:**

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

**Comments:**

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

# ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	<b>Transaction Set Identifier Code</b> <b>Description:</b> Code uniquely identifying a Transaction Set <b>All valid standard codes are used.</b>	M	ID	3/3	Must use
ST02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

## Semantics:

1. The transaction set identifier (ST01) 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).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

# BCH Beginning Segment for Purchase Order Change

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 7

**User Option (Usage):** Must use

To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BCH01	353	<b>Transaction Set Purpose Code</b> <b>Description:</b> Code identifying purpose of transaction set	M	ID	2/2	Must use
		<b>Code</b> <b>Name</b>				
		01                Cancellation				
		04                Change				
BCH03	324	<b>Purchase Order Number</b> <b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser	M	AN	1/22	Must use
BCH04	328	<b>Release Number</b> <b>Description:</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O	AN	1/30	Used
BCH05	327	<b>Change Order Sequence Number</b> <b>Description:</b> Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	O	AN	1/8	Used
BCH06	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <b>FDS Instructions: Purchase order date</b>	M	DT	8/8	Must use
BCH11	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <b>FDS Instructions: Purchase order change date</b>	O	DT	8/8	Used
BCH12	1166	<b>Contract Type Code</b> <b>Description:</b> Code identifying a contract type <b>All valid standard codes are used.</b>	O	ID	2/2	Used

## Semantics:

1. BCH06 is the date assigned by the purchaser to purchase order.
2. BCH09 is the seller's order number.
3. BCH10 is the date assigned by the sender to the acknowledgment.
4. BCH11 is the date of the purchase order change request.

# CUR Currency

Pos: 0400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 3

**User Option (Usage):** Used

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Must use
		<b>Code</b> <b>Name</b> BY                              Buying Party (Purchaser)				
CUR02	100	<b>Currency Code</b> <b>Description:</b> Code (Standard ISO) for country in whose currency the charges are specified <b>FDS Instructions:</b> USD ( All FDS transactions are in USD)	M	ID	3/3	Must use

## Syntax:

1. C0807 - If CUR08 is present, then all of CUR07 are required
2. C0907 - If CUR09 is present, then all of CUR07 are required
3. L101112 - If CUR10 is present, then at least one of CUR11,CUR12 is required
4. C1110 - If CUR11 is present, then all of CUR10 are required
5. C1210 - If CUR12 is present, then all of CUR10 are required
6. L131415 - If CUR13 is present, then at least one of CUR14,CUR15 is required
7. C1413 - If CUR14 is present, then all of CUR13 are required
8. C1513 - If CUR15 is present, then all of CUR13 are required
9. L161718 - If CUR16 is present, then at least one of CUR17,CUR18 is required
10. C1716 - If CUR17 is present, then all of CUR16 are required
11. C1816 - If CUR18 is present, then all of CUR16 are required
12. L192021 - If CUR19 is present, then at least one of CUR20,CUR21 is required
13. C2019 - If CUR20 is present, then all of CUR19 are required
14. C2119 - If CUR21 is present, then all of CUR19 are required

## Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

# REF Reference Identification

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify identifying information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>DP</td> <td>Department Number</td> </tr> <tr> <td>MR</td> <td>Merchandise Type Code</td> </tr> <tr> <td>VR</td> <td>Vendor ID Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	DP	Department Number	MR	Merchandise Type Code	VR	Vendor ID Number	M	ID	2/3	Must use
<u>Code</u>	<u>Name</u>													
DP	Department Number													
MR	Merchandise Type Code													
VR	Vendor ID Number													
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/50	Used								

## Syntax:

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

## Semantics:

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

# REF Reference Identification

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

To specify identifying information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification	M	ID	2/3	Must use
		<b>Code</b> <b>Name</b> 06                    System Number				
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>FDS Instructions:</b> <i>Family Dollar uses the Oracle Site ID to send your remittance information as is available in the Family Dollar Oracle Financial System for your Vendor number.</i>	X	AN	1/50	Used
REF03	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content <b>FDS Instructions:</b> <i>This can be the Lock Box Address</i>	X	AN	1/80	Used

## Syntax:

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

## Semantics:

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

# FOB F.O.B. Related Instructions

Pos: 0800	Max: >1
Heading - Optional	
Loop: N/A	Elements: 5

User Option (Usage): Used

To specify transportation instructions relating to shipment

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage												
FOB01	146	<b>Shipment Method of Payment</b> <b>Description:</b> Code identifying payment terms for transportation charges <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>CC</td> <td>Collect</td> </tr> <tr> <td>CD</td> <td>Collect on Delivery</td> </tr> <tr> <td>MX</td> <td>Mixed</td> </tr> <tr> <td>PC</td> <td>Prepaid but Charged to Customer</td> </tr> <tr> <td>PP</td> <td>Prepaid (by Seller)</td> </tr> </tbody> </table>	Code	Name	CC	Collect	CD	Collect on Delivery	MX	Mixed	PC	Prepaid but Charged to Customer	PP	Prepaid (by Seller)	M	ID	2/2	Must use
Code	Name																	
CC	Collect																	
CD	Collect on Delivery																	
MX	Mixed																	
PC	Prepaid but Charged to Customer																	
PP	Prepaid (by Seller)																	
FOB06	309	<b>Location Qualifier</b> <b>Description:</b> Code identifying type of location <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>AC</td> <td>City and State</td> </tr> <tr> <td>DE</td> <td>Destination (Shipping)</td> </tr> </tbody> </table>	Code	Name	AC	City and State	DE	Destination (Shipping)	X	ID	1/2	Used						
Code	Name																	
AC	City and State																	
DE	Destination (Shipping)																	
FOB07	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	O	AN	1/80	Used												
FOB08	54	<b>Risk of Loss Code</b> <b>Description:</b> Code specifying where responsibility for risk of loss passes <b>All valid standard codes are used.</b>	O	ID	2/2	Used												
FOB09	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content <b>FDS Instructions: TITLE PASSAGE</b>	X	AN	1/80	Used												

## Syntax:

1. C0302 - If FOB03 is present, then all of FOB02 are required
2. C0405 - If FOB04 is present, then all of FOB05 are required
3. C0706 - If FOB07 is present, then all of FOB06 are required
4. C0809 - If FOB08 is present, then all of FOB09 are required

## Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the 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.

# CSH Sales Requirements

Pos: 1100	Max: 5
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

To specify general conditions or requirements of the sale

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CSH01	563	<b>Sales Requirement Code</b> <b>Description:</b> Code to identify a specific requirement or agreement of sale	O	ID	1/2	Used
		<b><u>Code</u></b> <b><u>Name</u></b>				
		N              No Back Order				
		BK             Ship Partial - Balance Back Order				
		SC             Ship Complete				

## Syntax:

1. C0203 - If CSH02 is present, then all of CSH03 are required
2. P0607 - If either CSH06,CSH07 is present, then all are required
3. P0910 - If either CSH09,CSH10 is present, then all are required

## Semantics:

1. CSH03 is the maximum monetary amount value which the order must not exceed.
2. CSH04 is the account number to which the purchase amount is charged.
3. CSH05 is the date specified by the sender to be shown on the invoice.
4. CSH06 identifies the source of the code value in CSH07.

**ITD**

# Terms of Sale/Deferred Terms of Sale

Pos: 1300	Max: 5
Heading - Optional	
Loop: N/A	Elements: 1

**User Option (Usage):** Used

To specify terms of sale

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD12	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	O	AN	1/80	Used

**Syntax:**

1. L03040513 - If ITD03 is present, then at least one of ITD04,ITD05,ITD13 is required
2. L08040513 - If ITD08 is present, then at least one of ITD04,ITD05,ITD13 is required
3. L091011 - If ITD09 is present, then at least one of ITD10,ITD11 is required

**Semantics:**

1. ITD15 is the percentage applied to a base amount used to determine a late payment charge.

**Comments:**

1. If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

# DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
DTM01	374	<b>Date/Time Qualifier</b> <b>Description:</b> Code specifying type of date or time, or both date and time	M	ID	3/3	Must use						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>017</td> <td>Estimated Delivery</td> </tr> <tr> <td>061</td> <td>Cancel if Not Delivered by</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	017	Estimated Delivery	061	Cancel if Not Delivered by				
<u>Code</u>	<u>Name</u>											
017	Estimated Delivery											
061	Cancel if Not Delivered by											
DTM02	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <b>FDS Instructions:</b> <i>Family Dollar prepaid vendor's with FOB01 = PC/PP/MX will need to reference the above delivery window. Merchandise should arrive at the Family Dollar DC location on the 017 date.</i>	X	DT	8/8	Used						

## Syntax:

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

# DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
DTM01	374	<b>Date/Time Qualifier</b> <b>Description:</b> Code specifying type of date or time, or both date and time	M	ID	3/3	Must use						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>037</td> <td>Ship Not Before</td> </tr> <tr> <td>038</td> <td>Ship No Later</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	037	Ship Not Before	038	Ship No Later				
<u>Code</u>	<u>Name</u>											
037	Ship Not Before											
038	Ship No Later											
DTM02	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <b>FDS Instructions:</b> <i>Family Dollar collect vendors with FOB01 = CC or CD or MX will need to reference the above ship window. Merchandise should be shipped/ready for pickup on the 037 date.</i>	X	DT	8/8	Used						

## Syntax:

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

# DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	<b>Date/Time Qualifier</b> <b>Description:</b> Code specifying type of date or time, or both date and time	M	ID	3/3	Must use
		<b>Code</b> <b>Name</b>				
		015          Promotion Start				
DTM02	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <b>FDS Instructions:</b> <i>Promotion Start Date will be send only on promotional orders.</i>	X	DT	8/8	Used

## Syntax:

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

# TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 2400	Max: 12
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD505	387	<b>Routing</b> <b>Description:</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity <b>FDS Instructions:</b> <i>SHIP VIA INFORMATION</i> <a href="http://www.familydollar.com/PDFs/rsp_2003.pdf">http://www.familydollar.com/PDFs/rsp_2003.pdf</a>	X	AN	1/35	Used
TD507	309	<b>Location Qualifier</b> <b>Description:</b> Code identifying type of location <b>All valid standard codes are used.</b>	O	ID	1/2	Used
TD508	310	<b>Location Identifier</b> <b>Description:</b> Code which identifies a specific location <b>FDS Instructions:</b> <i>POINT OF ORIGIN</i>	X	AN	1/30	Used

## Syntax:

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

## Semantics:

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

## Comments:

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

# Loop N9

Pos: 2850	Repeat: 1000
Optional	
Loop: N9	Elements: N/A

To transmit identifying information as specified by the Reference Identification Qualifier

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
2850	N9	Reference Identification	O	1		Used
2900	MTX	Text	O	>1		Used

# N9 Reference Identification

Pos: 2850	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

**User Option (Usage):** Used

To transmit identifying information as specified by the Reference Identification Qualifier

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification	M	ID	2/3	Must use
		<b>Code</b> <b>Name</b>				
		L1            Letters or Notes				
N902	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/50	Used

## Syntax:

1. R0203 - At least one of N902,N903 is required
2. C0605 - If N906 is present, then all of N905 are required

## Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

# MTX Text

Pos: 2900	Max: >1
Heading - Optional	
Loop: N9	Elements: 2

**User Option (Usage):** Used

To specify textual data

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MTX01	363	<b>Note Reference Code</b> <b>Description:</b> Code identifying the functional area or purpose for which the note applies	O	ID	3/3	Used
		<b>Code</b> <b>Name</b>				
		INT                General Order Instructions				
MTX02	1551	<b>Message Text</b> <b>Description:</b> To transmit large volumes of message text	X	AN	1/250	Used

**Syntax:**

1. C0102 - If MTX01 is present, then all of MTX02 are required
2. C0302 - If MTX03 is present, then all of MTX02 are required
3. C0504 - If MTX05 is present, then all of MTX04 are required

**Semantics:**

1. MTX05 is the number of lines to advance before printing.

**Comments:**

1. If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.

# Loop N1

Pos: 3000	Repeat: 200
Optional	
Loop: N1	Elements: N/A

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
3000	N1	Name	O	1		Used
3200	N3	Address Information	O	2		Used
3300	N4	Geographic Location	O	>1		Used
3500	PER	Administrative Communications Contact	O	>1		Used

# N1

# Name

<b>Pos: 3000</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Used

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

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Must use
		<b>Code</b> <b>Name</b>				
		BT      Bill-to-Party				
		RI      Remit To				
		ST      Ship To				
		VN      Vendor				
N102	93	<b>Name</b> <b>Description:</b> Free-form name	X	AN	1/60	Used
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)	X	ID	1/2	Used
		<b>Code</b> <b>Name</b>				
		1      D-U-N-S Number, Dun & Bradstreet				
		92      Assigned by Buyer or Buyer's Agent				
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code <b>FDS instructions: 4 Digit Store or DC code for N1(ST). N103 will be 92 Duns Number for the N101(BT), N103 will be 1</b>	X	AN	2/80	Used

**Syntax:**

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

**Comments:**

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

# N3 Address Information

Pos: 3200	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

To specify the location of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	<b>Address Information</b> Description: Address information	M	AN	1/55	Must use
N302	166	<b>Address Information</b> Description: Address information	O	AN	1/55	Used

# N4 Geographic Location

Pos: 3300	Max: >1
Heading - Optional	
Loop: N1	Elements: 3

**User Option (Usage):** Used

To specify the geographic place of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	<b>City Name</b> <b>Description:</b> Free-form text for city name	O	AN	2/30	Used
N402	156	<b>State or Province Code</b> <b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Used
N403	116	<b>Postal Code</b> <b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used

## Syntax:

1. E0207 - Only one of N402,N407 may be presented
2. C0605 - If N406 is present, then all of N405 are required
3. C0704 - If N407 is present, then all of N404 are required

## 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.

# PER Administrative Communications Contact

Pos: 3500	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Optional

FDS Instructions: *The Appointment coordinator information may be provided but only on the N1 (ST) element. The link for the routing and shipping guide provided in the TD505 element < [http://www.familydollar.com/PDFs/rsp\\_2003.pdf](http://www.familydollar.com/PDFs/rsp_2003.pdf)> has the most up to date information for delivery or pick-up appointment*

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	<b>Contact Function Code</b> <b>Description:</b> Code identifying the major duty or responsibility of the person or group named	M	ID	2/2	Must use
		<b>Code</b> <b>Name</b> TA                Traffic Administrator				
PER02	93	<b>Name</b> <b>Description:</b> Free-form name	O	AN	1/60	Used
PER03	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number	X	ID	2/2	Used
		<b>Code</b> <b>Name</b> TE                Telephone				
PER04	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable	X	AN	1/256	Used

## Syntax:

1. P0304 - If either PER03,PER04 is present, then all are required
2. P0506 - If either PER05,PER06 is present, then all are required
3. P0708 - If either PER07,PER08 is present, then all are required

# Loop POC

<b>Pos: 0100</b>	<b>Repeat: &gt;1</b>
<b>Optional</b>	
<b>Loop: POC</b>	<b>Elements: N/A</b>

To specify changes to a line item

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	POC	Line Item Change	O	1		Used
0400	CTP	Pricing Information	O	>1		Used
0500		Loop PID	O		1000	Used
0900	PO4	Item Physical Details	O	>1		Used
1900	SDQ	Destination Quantity	O	500		Used
2920	MTX	Text	O	>1		Used

# POC Line Item Change

Pos: 0100	Max: 1
Detail - Optional	
Loop: POC	Elements: 13

User Option (Usage): Used

To specify changes to a line item

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage																												
POC01	350	<b>Assigned Identification</b> <b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20	Used																												
POC02	670	<b>Change or Response Type Code</b> <b>Description:</b> Code specifying the type of change to the line item	M	ID	2/2	Must use																												
		<table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr><td>AI</td><td>Add Additional Item(s)</td></tr> <tr><td>CA</td><td>Changes To Line Items</td></tr> <tr><td>CF</td><td>Cancel Previously Transmitted Purchase Order</td></tr> <tr><td>CT</td><td>Change of Dates</td></tr> <tr><td>DI</td><td>Delete Item(s)</td></tr> <tr><td>PC</td><td>Price Change</td></tr> <tr><td>PQ</td><td>Unit Price/Quantity Change</td></tr> <tr><td>QD</td><td>Quantity Decrease</td></tr> <tr><td>QI</td><td>Quantity Increase</td></tr> <tr><td>RB</td><td>Replace All Dates</td></tr> <tr><td>RE</td><td>Replacement Item</td></tr> <tr><td>RQ</td><td>Reschedule/Quantity Change</td></tr> <tr><td>RZ</td><td>Replace All Values</td></tr> </tbody> </table>	Code	Name	AI	Add Additional Item(s)	CA	Changes To Line Items	CF	Cancel Previously Transmitted Purchase Order	CT	Change of Dates	DI	Delete Item(s)	PC	Price Change	PQ	Unit Price/Quantity Change	QD	Quantity Decrease	QI	Quantity Increase	RB	Replace All Dates	RE	Replacement Item	RQ	Reschedule/Quantity Change	RZ	Replace All Values				
Code	Name																																	
AI	Add Additional Item(s)																																	
CA	Changes To Line Items																																	
CF	Cancel Previously Transmitted Purchase Order																																	
CT	Change of Dates																																	
DI	Delete Item(s)																																	
PC	Price Change																																	
PQ	Unit Price/Quantity Change																																	
QD	Quantity Decrease																																	
QI	Quantity Increase																																	
RB	Replace All Dates																																	
RE	Replacement Item																																	
RQ	Reschedule/Quantity Change																																	
RZ	Replace All Values																																	
POC03	330	<b>Quantity Ordered</b> <b>Description:</b> Quantity ordered	O	R	1/15	Used																												
POC04	671	<b>Quantity Left to Receive</b> <b>Description:</b> Quantity left to receive as qualified by the unit of measure	X	R	1/9	Used																												
POC05	C001	<b>Composite Unit of Measure</b> <b>Description:</b> To identify a composite unit of measure(See Figures Appendix for examples of use)	X	Comp		Used																												
	355	<b>Unit or Basis for Measurement Code</b> <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>FDS Instructions: FAMILY DOLLAR ONLY SUPPORTS CASE AND EACH UOM. IN ORDER FOR CASE UOM, A CASE UPC FOR THE ITEM SHOULD BE PROVIDED IN THE 2-5-5 OR GTIN FORMAT.</b>	M	ID	2/2	Must use																												
		<table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr><td>CA</td><td>Case</td></tr> <tr><td>EA</td><td>Each</td></tr> </tbody> </table>	Code	Name	CA	Case	EA	Each																										
Code	Name																																	
CA	Case																																	
EA	Each																																	
POC06	212	<b>Unit Price</b> <b>Description:</b> Price per unit of product, service, commodity, etc. <b>FDS Instructions: PRICE PER UNIT IS ALWAYS THE EACH PRICE IRRESPECTIVE OF THE UOM ( EA OR CA).</b>	X	R	1/17	Used																												

POC07	639	<b>Basis of Unit Price Code</b> <b>Description:</b> Code identifying the type of unit price for an item <b>Code</b> <b>Name</b> PE                    Price per Each	O	ID	2/2	Used
POC08	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>Code</b> <b>Name</b> SK                    Stock Keeping Unit (SKU)	X	ID	2/2	Used
POC09	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	X	AN	1/48	Used
POC10	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>FDS Instructions: CODE ST REPRESENTS THE VENDOR PART NUMBER</b> <b>Code</b> <b>Name</b> ST                    Style Number	X	ID	2/2	Used
POC11	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	X	AN	1/48	Used
POC12	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>Code</b> <b>Name</b> UA                    U.P.C./EAN Case Code (2-5-5) UK                    EAN/UCC - 14 UP                    UCC – 12 ( 1-5-5-1 )	X	ID	2/2	Used
POC13	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service <b>FDS Instructions: Case Quantity will only be transmitted when the Manufacturer has provided a Shipper/ Case UPC for the item. The item price will still be the each price, in order to calculate the Case price; the each price should be multiplied by the Master Pack size in PO401 Element.</b>  <b>In the absence of the Shipper/Case UPC for an item, item will send with an each UPC with an each quantity.</b> <b>Family Dollar cannot provide item price in case.</b>	X	AN	1/48	Used

## Syntax:

1. C030405 - If POC03 is present, then all of POC04,POC05 are required
2. C0706 - If POC07 is present, then all of POC06 are required
3. P0809 - If either POC08,POC09 is present, then all are required
4. P1011 - If either POC10,POC11 is present, then all are required
5. P1213 - If either POC12,POC13 is present, then all are required
6. P1415 - If either POC14,POC15 is present, then all are required
7. P1617 - If either POC16,POC17 is present, then all are required
8. P1819 - If either POC18,POC19 is present, then all are required
9. P2021 - If either POC20,POC21 is present, then all are required
10. P2223 - If either POC22,POC23 is present, then all are required
11. P2425 - If either POC24,POC25 is present, then all are required
12. P2627 - If either POC26,POC27 is present, then all are required

**Semantics:**

1. POC01 is the purchase order line item identification.

# CTP Pricing Information

Pos: 0400	Max: >1
Detail - Optional	
Loop: POC	Elements: 2

**User Option (Usage):** Used

To specify pricing information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTP02	236	<b>Price Identifier Code</b> <b>Description:</b> Code identifying pricing specification	X	ID	3/3	Used
		<b>Code</b> <b>Name</b>				
		RTL          Retail				
CTP03	212	<b>Unit Price</b> <b>Description:</b> Price per unit of product, service, commodity, etc.	X	R	1/17	Used

## Syntax:

1. P0405 - If either CTP04,CTP05 is present, then all are required
2. C0607 - If CTP06 is present, then all of CTP07 are required
3. C0902 - If CTP09 is present, then all of CTP02 are required
4. C1002 - If CTP10 is present, then all of CTP02 are required
5. C1103 - If CTP11 is present, then all of CTP03 are required

## Semantics:

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

## Comments:

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

# Loop PID

Pos: 0500	Repeat: 1000
Optional	
Loop: PID	Elements: N/A

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0500	PID	Product/Item Description	O	1		Used

**PID****Product/Item Description**

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

**User Option (Usage):** Used

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

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	<b>Item Description Type</b> <b>Description:</b> Code indicating the format of a description	M	ID	1/1	Must use
		<b>Code</b> <b>Name</b>				
		F              Free-form				
PID05	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	X	AN	1/80	Used

**Syntax:**

1. C0403 - If PID04 is present, then all of PID03 are required
2. R0405 - At least one of PID04,PID05 is required
3. C0703 - If PID07 is present, then all of PID03 are required
4. C0804 - If PID08 is present, then all of PID04 are required
5. C0905 - If PID09 is present, then all of PID05 are required

**Semantics:**

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.

# PO4 Item Physical Details

Pos: 0900	Max: >1
Detail - Optional	
Loop: POC	Elements: 2

User Option (Usage): Used

To specify the physical qualities, packaging, weights, and dimensions relating to the item

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO401	356	<b>Pack</b> <b>Description:</b> The number of inner containers, or number of eaches if there are no inner containers, per outer container <b>FDS Instructions:</b> <i>MASTER PACK: TOTAL NUMBER OF EACH'S IN THE CARTON.</i>  <i>CASE PRICE =EACH PRICE (POC06) * MASTER PACK (PO401).</i>	O	N0	1/6	Used
PO414	810	<b>Inner Pack</b> <b>Description:</b> The number of eaches per inner container <b>FDS Instructions:</b> <i>TOTAL NUMBER OF EACH'S IN THE INNER PACK</i>	O	N0	1/6	Used

## Syntax:

1. P0203 - If either PO402,PO403 is present, then all are required
2. C0506 - If PO405 is present, then all of PO406 are required
3. P0607 - If either PO406,PO407 is present, then all are required
4. P0809 - If either PO408,PO409 is present, then all are required
5. C1013 - If PO410 is present, then all of PO413 are required
6. C1113 - If PO411 is present, then all of PO413 are required
7. C1213 - If PO412 is present, then all of PO413 are required
8. L13101112 - If PO413 is present, then at least one of PO410,PO411,PO412 is required
9. C1716 - If PO417 is present, then all of PO416 are required
10. C1804 - If PO418 is present, then all of PO404 are required

## Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

## Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

# SDQ Destination Quantity

Pos: 1900	Max: 500
Detail - Optional	
Loop: POC	Elements: 6

**User Option (Usage):** Used

To specify destination and quantity detail

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
SDQ01	355	<b>Unit or Basis for Measurement Code</b> <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CA</td> <td>Case</td> </tr> <tr> <td>EA</td> <td>Each</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CA	Case	EA	Each	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>											
CA	Case											
EA	Each											
SDQ02	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)  <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>54</td> <td>Warehouse</td> </tr> <tr> <td>ZZ</td> <td>Mutually Defined</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	54	Warehouse	ZZ	Mutually Defined	O	ID	1/2	Used
<u>Code</u>	<u>Name</u>											
54	Warehouse											
ZZ	Mutually Defined											
SDQ03	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	M	AN	2/80	Must use						
SDQ04	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	M	R	1/15	Must use						
SDQ05	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	X	AN	2/80	Used						
SDQ23	310	<b>Location Identifier</b> <b>Description:</b> Code which identifies a specific location	O	AN	1/30	Used						

## Syntax:

1. P0506 - If either SDQ05,SDQ06 is present, then all are required
2. P0708 - If either SDQ07,SDQ08 is present, then all are required
3. P0910 - If either SDQ09,SDQ10 is present, then all are required
4. P1112 - If either SDQ11,SDQ12 is present, then all are required
5. P1314 - If either SDQ13,SDQ14 is present, then all are required
6. P1516 - If either SDQ15,SDQ16 is present, then all are required
7. P1718 - If either SDQ17,SDQ18 is present, then all are required
8. P1920 - If either SDQ19,SDQ20 is present, then all are required
9. P2122 - If either SDQ21,SDQ22 is present, then all are required

## Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

## Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.
3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

# MTX Text

Pos: 2920	Max: >1
Detail - Optional	
Loop: POC	Elements: 2

**User Option (Usage):** Used

To specify textual data

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MTX01	363	<b>Note Reference Code</b> <b>Description:</b> Code identifying the functional area or purpose for which the note applies	O	ID	3/3	Used
		<b>Code</b> <b>Name</b>				
		INT                General Order Instructions				
MTX02	1551	<b>Message Text</b> <b>Description:</b> To transmit large volumes of message text	X	AN	1/250	Used

**Syntax:**

1. C0102 - If MTX01 is present, then all of MTX02 are required
2. C0302 - If MTX03 is present, then all of MTX02 are required
3. C0504 - If MTX05 is present, then all of MTX04 are required

**Semantics:**

1. MTX05 is the number of lines to advance before printing.

**Comments:**

1. If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.

# Loop CTT

Pos: 0100	Repeat: 1
Optional	
Loop: CTT	Elements: N/A

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	CTT	Transaction Totals	O	1		Used
0200	AMT	Monetary Amount	O	5		Used

# CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: CTT	Elements: 3

User Option (Usage): Used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	<b>Number of Line Items</b> <b>Description:</b> Total number of line items in the transaction set	M	N0	1/6	Must use
CTT02	347	<b>Hash Total</b> <b>Description:</b> 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	O	R	1/10	Used
CTT07	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	O	AN	1/80	Used

## Syntax:

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

## Comments:

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

# AMT Monetary Amount

Pos: 0200	Max: 5
Summary - Optional	
Loop: CTT	Elements: 2

User Option (Usage): Used

To indicate the total monetary amount

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
AMT01	522	<b>Amount Qualifier Code</b> Description: Code to qualify amount	M	ID	1/3	Must use
		<u>Code</u> <u>Name</u> TT                    Total Transaction Amount				
AMT02	782	<b>Monetary Amount</b> Description: Monetary amount	M	R	1/18	Must use

# SE Transaction Set Trailer

Pos: 0300	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b> <b>Description:</b> Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

**Comments:**

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

# GE Functional Group Trailer

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Must use

To indicate the end of a functional group and to provide control information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	<b>Number of Transaction Sets Included</b> <b>Description:</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	<b>Group Control Number</b> <b>Description:</b> Assigned number originated and maintained by the sender	M	N0	1/9	Must use

## Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

## Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

# IEA

## Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	<b>Number of Included Functional Groups</b> <b>Description:</b> A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	<b>Interchange Control Number</b> <b>Description:</b> A control number assigned by the interchange sender	M	N0	9/9	Must use