

# 855 NPG Purchase Order Acknowledgment

## Functional Group=PR

**Purpose:** This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

### 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			Used
	GS	Functional Group Header	M	1			Used

### 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>
010	ST	Transaction Set Header	M	1			Used
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Used
050	REF	Reference Identification	O	>1			Used
150	DTM	Date/Time Reference	O	10			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>
<b>LOOP ID - PO1</b>					<b>100000</b>	<b>N2/010L</b>	
010	PO1	Baseline Item Data	O	1		N2/010	Used
190	SDQ	Destination Quantity	O	500			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>N3/010L</b>	
010	CTT	Transaction Totals	O	1		N3/010	Used
030	SE	Transaction Set Trailer	M	1			Used

### 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			Used
	IEA	Interchange Control Trailer	M	1			Used

### Note:

To participate in the vendor generated order program, suppliers must be able to accept an EDI 850 Purchase Order in response to a EDI 855 vendor generated order.

The purchase order system will load EDI855 data once a day at approximately 9 pm. Therefore, buyers will be able to review and accept any EDI855 data the day after the transmission is received.

# ISA Interchange Control Header

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

**User Option (Usage):** Used

**Purpose:** 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>	M	ID	2/2	Must use
<p><b>Description:</b> Code to identify the type of information in the Authorization Information</p> <p><b>Note:</b> '00'</p> <p><b>Code Name</b></p> <p>00 No Authorization Information Present (No Meaningful Information in I02)</p>						
ISA02	I02	<b>Authorization Information</b>	M	AN	10/10	Must use
<p><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)</p> <p><b>Note:</b> spaces</p>						
ISA03	I03	<b>Security Information Qualifier</b>	M	ID	2/2	Must use
<p><b>Description:</b> Code to identify the type of information in the Security Information</p> <p><b>Code Name</b></p> <p>00 No Security Information Present (No Meaningful Information in I04)</p>						
ISA04	I04	<b>Security Information</b>	M	AN	10/10	Must use
<p><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)</p> <p><b>Note:</b> spaces</p>						
ISA05	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<p><b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p><b>Note:</b> Qualifier selected by sender</p> <p><b>Code Name</b></p> <p>01 Duns (Dun &amp; Bradstreet)</p> <p>08 UCC EDI Communications ID (Comm ID)</p> <p>12 Phone (Telephone Companies)</p>						
ISA06	I06	<b>Interchange Sender ID</b>	M	AN	1/15	Must use
<p><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</p>						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Note:</b> Sender ID selected by sender				
ISA07	105	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
		<b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified				
		<b>Note:</b> NPG qualifier is 'ZZ'				
		<b>Code Name</b>				
		ZZ Mutually Defined				
ISA08	107	<b>Interchange Receiver ID</b>	M	AN	15/15	Must use
		<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>Note:</b> NPG receiver ID is 'NORDNPG'				
ISA09	108	<b>Interchange Date</b>	M	DT	6/6	Must use
		<b>Description:</b> Date of the interchange				
		<b>Note:</b> Date ISA was generated - YYMMDD				
ISA10	109	<b>Interchange Time</b>	M	TM	4/4	Must use
		<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)				
		<b>Note:</b> Time ISA was generated -- HHMM				
ISA11	110	<b>Interchange Control Standards Identifier</b>	M	ID	1/1	Must use
		<b>Description:</b> Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer				
		<b>All valid standard codes are used.</b>				
ISA12	111	<b>Interchange Control Version Number</b>	M	ID	5/5	Must use
		<b>Description:</b> This version number covers the interchange control segments				
		<b>Code Name</b>				
		00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997				
ISA13	112	<b>Interchange Control Number</b>	M	N0	9/9	Must use
		<b>Description:</b> A control number assigned by the interchange sender				
		<b>Note:</b> Sender assigned sequential number starting with 1 incremented by 1 for each transmission.				
ISA14	113	<b>Acknowledgment Requested</b>	M	ID	1/1	Must use
		<b>Description:</b> Code sent by the sender to request an				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		interchange acknowledgment (TA1)				
		<b>Code Name</b>				
		0 No Acknowledgment Requested				
ISA15	I14	<b>Usage Indicator</b>	M	ID	1/1	Must use
		<b>Description:</b> Code to indicate whether data enclosed by this interchange envelope is test, production or information				
		<b>Code Name</b>				
		P Production Data				
		T Test Data				
ISA16	I15	<b>Component Element Separator</b>	M		1/1	Must use
		<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				
		<b>Note:</b> '>'				

**Note:**

*Nordstrom prefers :*  
*Segment terminator value hex 'A1'*  
*Element separator value hex '5C'*  
*Sub-element separator value hex '6E'*

# 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):** Used

**Purpose:** 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>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying a group of application related transaction sets				
		<b>Code Name</b>				
		PR Purchase Order Acknowledgement (855)				
GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Must use
		<b>Description:</b> Code identifying party sending transmission; codes agreed to by trading partners				
		<b>Note:</b> <i>Sender ID selected by sender</i>				
GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Must use
		<b>Description:</b> Code identifying party receiving transmission. Codes agreed to by trading partners				
		<b>Note:</b> <i>NPG receiver ID is 'NORDNPG'</i>				
GS04	373	<b>Date</b>	M	DT	8/8	Must use
		<b>Description:</b> Date expressed as CCYYMMDD				
		<b>Note:</b> <i>Date GS was generated</i>				
GS05	337	<b>Time</b>	M	TM	4/8	Must use
		<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)				
		<b>Note:</b> <i>Time GS was generated</i>				
GS06	28	<b>Group Control Number</b>	M	N0	1/9	Must use
		<b>Description:</b> Assigned number originated and maintained by the sender				
GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Must use
		<b>Description:</b> Code used in conjunction with Data Element 480 to identify the issuer of the standard				
		<b>Code Name</b>				
		X Accredited Standards Committee X12				
GS08	480	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Must use
		<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,				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		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				
		<b><u>Code</u></b>				
		<b><u>Name</u></b>				
		004010VICS				Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

# ST Transaction Set Header

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Used

**Purpose:** 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>	M	ID	3/3	Must use
<b>Description:</b> Code uniquely identifying a Transaction Set						
<b>Code Name</b>						
855 Purchase Order Acknowledgment						
ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						
<b>Note:</b> <i>The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.</i>						

# BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

**User Option (Usage):** Used

**Purpose:** To indicate the beginning of the Purchase Order Acknowledgment 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>
BAK01	353	<b>Transaction Set Purpose Code</b>	M	ID	2/2	Must use
<p><b>Description:</b> Code identifying purpose of transaction set</p> <p><b>Code Name</b></p> <p>00 Original</p> <p>05 Replace</p> <p>16 Proposed</p>						
BAK02	587	<b>Acknowledgment Type</b>	M	ID	2/2	Must use
<p><b>Description:</b> Code specifying the type of acknowledgment</p> <p><b>Note:</b> Codes AC, AD, AE, AK and RJ may only be used for acknowledgments to a retailer's purchase order.</p> <p>Code AP may only be used to indicate a vendor-generated order. To participate in the vendor generated order program, suppliers must be able to accept an EDI 850 Purchase Order in response to a EDI 855 vendor generated order .</p> <p><b>Code Name</b></p> <p>AK Acknowledge - No Detail or Change</p> <p>AP Acknowledge - Product Replenishment</p>						
BAK03	324	<b>Purchase Order Number</b>	M	AN	8/8	Must use
<p><b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser</p> <p><b>Note:</b> NOTIFICATION: Purchase order numbers are negotiable as part of trading partner relationships and can be pre-assigned in XPO01 or XPO02 in Transaction Set 852.</p>						
BAK04	373	<b>Date</b>	M	DT	8/8	Must use
<p><b>Description:</b> Date expressed as CCYYMMDD</p> <p><b>Note:</b> NOTIFICATION: When the BAK02 value is AK the date is the purchase order date. When the purchase order is vendor generated, the date should be the purchase order creation date.</p>						

## Note:

When notifying a retailer of a vendor-generated replenishment order, either code 00 or 16 is used in BAK01 and code AP is used in BAK02. When acknowledging a retailer's purchase order, code 00 is used in BAK01 and either code AD or AK is used in BAK02.

*When changing a vendor-generated replenishment order, code 05 is used in BAK01 and code AP is used in BAK02. When acknowledging a retailer's purchase order with change, code 19 is used in BAK01 and either code AC or AE is used in BAK02.*

*When canceling a vendor-generated replenishment order, code 01 is used in BAK01 and code AP is used in BAK02. When acknowledging a retailer's purchase order with a cancellation, code 01 is used in BAK01 and code RJ is used in BAK02.*

# REF Reference Identification

Pos: 050	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**Purpose:** 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>	M	ID	2/3	Must use
<p><b>Description:</b> Code qualifying the Reference Identification</p> <p><b>Code Name</b></p> <p>DP Department Number</p> <p>IA Internal Vendor Number</p>						

REF02	127	<b>Reference Identification</b>	M	AN	1/10	Must use
<p><b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier.</p>						

**Note:** When REF01 equals 'DP' the Nordstrom department number will be sent in the REF02. Department numbers are 4-numeric with leading 0's. For example, department 28 would be sent as 0028.

When REF01 equals 'IA' the NPG assigned manufacturer number should be sent in the REF02. Manufacturer numbers are 10-numeric with leading 0's.

## Syntax Rules:

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

## Note:

There will be two occurrences of the REF segment. Once for the manufacturer number (IA) and once for the Department number (DP).

# DTM Date/Time Reference

Pos: 150	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**Purpose:** 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>	M	ID	3/3	Must use
<b>Description:</b> Code specifying type of date or time, or both date and time						
<b>Code Name</b>						
001 Cancel After						
037 Ship Not Before						
DTM02	373	<b>Date</b>	C	DT	8/8	Must use
<b>Description:</b> Date expressed as CCYYMMDD						
<b>Note:</b> YYYYMMDD						

## Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

## Note:

*This segment is used to specify order processing dates.*

*Nordstrom expects at least two occurrences of the DTM. The first occurrence will be the Early Ship Date (DTM01 = '037'). The second occurrence will be the Past Cancel Date (DTM01 = '001').*

# PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Optional	
Loop: PO1	Elements: 11

**User Option (Usage):** Used

**Purpose:** To specify basic and most frequently used line item 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>
PO101	350	<b>Assigned Identification</b>	M	AN	1/20	Used
		<b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set				
		<b>Note:</b> <i>Line item number.</i>				
PO102	330	<b>Quantity Ordered</b>	C	R	1/15	Must use
		<b>Description:</b> Quantity ordered				
PO103	355	<b>Unit or Basis for Measurement Code</b>	O	ID	2/2	Must use
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>Code Name</b>				
		EA	Each			
PO104	212	<b>Unit Price</b>	C	R	1/17	Must use
		<b>Description:</b> Price per unit of product, service, commodity, etc.				
PO105	639	<b>Basis of Unit Price Code</b>	O	ID	2/2	Must use
		<b>Description:</b> Code identifying the type of unit price for an item				
		<b>Note:</b> <i>This data element is used to clarify or alter the basis of unit price. The unit price expressed in PO104 is always in the same terms as the unit of measure in PO103, unless otherwise specified in PO105.</i>				
		<b>Code Name</b>				
		PE	Price per Each			
PO106	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Must use
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>Code Name</b>				
		EN	European Article Number (EAN) (2-5-5-1)			
		UP	U.P.C. Consumer Package Code (1-5-5-1)			
PO107	234	<b>Product/Service ID</b>	C	AN	1/48	Must use
		<b>Description:</b> Identifying number for a product or service				
		<b>Note:</b> <i>Vendor's UPC or EAN code</i>				
PO108	235	<b>Product/Service ID Qualifier</b>	O	ID	2/2	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>Code Name</b> VA Vendor's Style Number				
PO109	234	<b>Product/Service ID</b>	C	AN	1/48	Must use
		<b>Description:</b> Identifying number for a product or service				
		<b>Note:</b> <i>Vendor's Style Number</i>				
PO110	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>Code Name</b> SK Stock Keeping Unit (SKU)				
PO111	234	<b>Product/Service ID</b>	C	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				
		<b>Note:</b> <i>NPG SKU number</i>				

### Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.

### Note:

The codes listed for PO106 apply to every occurrence of Data Element 235 in the PO1 segment.

See Section III for complete U.P.C. and EAN code definitions.

# SDQ Destination Quantity

Pos: 190	Max: 500
Detail - Optional	
Loop: PO1	Elements: 22

**User Option (Usage):** Used

**Purpose:** 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  <b>Code Name</b> EA Each	M	ID	2/2	Must use
SDQ02	66	<b>Identification Code Qualifier</b>  <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)  <b>Code Name</b> 92 Assigned by Buyer or Buyer's Agent	O	ID	1/2	Must use
SDQ03	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code <b>Note:</b> Nordstrom Store Numbers are 4 digits. For example Store 1 would be sent as 0001.	M	AN	4/4	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	C	AN	4/4	Used
SDQ06	380	<b>Quantity</b>  <b>Description:</b> Numeric value of quantity	C	R	1/15	Used
SDQ07	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code	C	AN	4/4	Used
SDQ08	380	<b>Quantity</b>  <b>Description:</b> Numeric value of quantity	C	R	1/15	Used
SDQ09	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code	C	AN	4/4	Used
SDQ10	380	<b>Quantity</b>  <b>Description:</b> Numeric value of quantity	C	R	1/15	Used
SDQ11	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code	C	AN	4/4	Used
SDQ12	380	<b>Quantity</b>	C	R	1/15	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Numeric value of quantity				
SDQ13	67	<b>Identification Code</b>	C	AN	4/4	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ14	380	<b>Quantity</b>	C	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ15	67	<b>Identification Code</b>	C	AN	4/4	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ16	380	<b>Quantity</b>	C	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ17	67	<b>Identification Code</b>	C	AN	4/4	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ18	380	<b>Quantity</b>	C	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ19	67	<b>Identification Code</b>	C	AN	4/4	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ20	380	<b>Quantity</b>	C	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ21	67	<b>Identification Code</b>	C	AN	4/4	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ22	380	<b>Quantity</b>	C	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				

**Note:**

*This segment is used to distribute the line item quantity to various locations. SDQ02 serves the same purpose as N103, and all occurrences of Data Element 67 in this segment function as N104. The SDQ segment functions as an N1 segment containing code BY in N101, that is, the SDQ segment specifies various buying locations. The N1 segment, in the basic order, specifies only one location.*

*An SDQ segment can hold up to 10 locations. When the PO has more than 10 locations, additional SDQ segments should be sent.*

# CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: CTT	Elements: 1

User Option (Usage): Used

Purpose: 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	Number of Line Items	M	N0	1/6	Must use

**Description:** Total number of line items in the transaction set

**Note:** *The number of PO1 segments present in the transaction set*

# SE Transaction Set Trailer

Pos: 030	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**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)

## 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>	M	N0	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		<b>Note:</b> <i>This must be the same number as is in the ST segment (ST02) for the transaction set.</i>				

# GE Functional Group Trailer

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

**User Option (Usage):** Used

**Purpose:** 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>	M	N0	1/6	Must use
		<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 <b>Note:</b> <i>Number of ST segments within the group.</i>				
GE02	28	<b>Group Control Number</b>	M	N0	1/9	Must use
		<b>Description:</b> Assigned number originated and maintained by the sender <b>Note:</b> <i>Must match GS06.</i>				

# IEA Interchange Control Trailer

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

**User Option (Usage):** Used

**Purpose:** 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>	M	N0	1/5	Must use
		<b>Description:</b> A count of the number of functional groups included in an interchange				
		<b>Note:</b> <i>Number of GS segments within transmission.</i>				
IEA02	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
		<b>Description:</b> A control number assigned by the interchange sender				
		<b>Note:</b> <i>Must match ISA13.</i>				