

# 855 Purchase Order Acknowledgment

Functional Group ID=**PR**

## Introduction:

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.

## Notes:

*The 855 PO Acknowledgement is the supplier's instrument for making changes to a purchase order.*

*When the codes in the BAK02 are "AK" or "RJ", accepted or rejected with no detail, the 855 PO Acknowledgement transaction will only contain the following segments: ST, BAK, PER (for error notification of this 855 Transaction), CTT and SE.*

*When BAK02 is "AE - Accepted with Exception Detail", the 855 PO Acknowledgement contains the segments with the changed information. A line item may be deleted by changing the quantity to zero.*

*If the distributor does not accept the conditions of the 855 PO Acknowledgement, they should either cancel the PO or contact the supplier for resolution.*

*ISA EDI Guideline Data Element Code lists are either "Suggested" or "Limited". A "Suggested" code list implies that through mutual agreement, trading partners may use other X12 codes for that Data Element if they are needed for a particular business function. Unless otherwise noted, all code lists are Suggested Code Lists.*

*A "Limited" code list indicates that the codes are limited to those provided in the ISA EDI Guidelines. If additional codes are needed in a "Limited" code list, please see the ISA eB Guideline for information on the Change Request Process.*

*Restricting the use of codes to those listed in the ISA EDI Guideline will facilitate reliable mapping to a trading partner's business applications.*

**Heading:**

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Guide</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
3	010	ST	Transaction Set Header	M	M	1		
4	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	M	1		
5	040	CUR	Currency	O		1		
6	060	PER	Administrative Communications Contact	O		3		
8	080	FOB	F.O.B. Related Instructions	O		>1		
10	110	CSH	Sales Requirements	O		>1		
11	130	ITD	Terms of Sale/Deferred Terms of Sale	O		5		
13	150	DTM	Date/Time Reference	O		10		
15	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O		12		
LOOP ID - MSG							200	
17	295	MSG	Message Text	O		1		
18	300	N1	Name	O		1		
19	310	N2	Additional Name Information	O		2		
20	320	N3	Address Information	O		2		
21	330	N4	Geographic Location	O		1		
22	350	PER	Administrative Communications Contact	O		>1		

**Detail:**

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Guide</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - PO1							100000	
24	010	PO1	Baseline Item Data	O		1		n1
27	040	CTP	Pricing Information	O		>1		
LOOP ID - ACK							104	
28	270	ACK	Line Item Acknowledgment	O		1		

**Summary:**

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Guide</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - CTT							1	
31	010	CTT	Transaction Totals	O		1		n2
32	030	SE	Transaction Set Trailer	M	M	1		

**Transaction Set Notes**

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

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

**Comments:**  
**Notes:**

ISA Example: ST \* 855 \* 1 ^

#### 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	M ID 3/3	M
		Code uniquely identifying a Transaction Set		
		855 Purchase Order Acknowledgment		
ST02	329	Transaction Set Control Number	M AN 4/9	M
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
		<i>Each ST Segment within a group of 855 Transactions must have a unique control number. The same number is used in the SE Segment of that transaction.</i>		
		<i>The Transaction Set Control Number is sequentially assigned by the sender, starting with one and incremented by one for each additional transaction set within this functional group of 855 transactions.</i>		

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

**Syntax Notes:**

**Semantic Notes:**

- 1 BAK04 is the date assigned by the purchaser to purchase order.
- 2 BAK08 is the seller's order number.
- 3 BAK09 is the date assigned by the sender to the acknowledgment.

**Comments:**

**Notes:**

*All code lists in the BAK are Limited.*

ISA Example: BAK \* 00 \* AE \* 0005557803 \* 20040618 \* \* \* \* 0065217287 \* 20040619 ^

**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>
BAK01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 00 Original	M ID 2/2	M
BAK02	587	<b>Acknowledgment Type</b> Code specifying the type of acknowledgment <i>See the 855 Transaction Set Notes for the use of BAK02. The code list for BAK02 is a Limited Code List.</i> AE Acknowledge - With Exception Detail Only AK Acknowledge - No Detail or Change RJ Rejected - No Detail	M ID 2/2	M
BAK03	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22	M
BAK04	373	<b>Date</b> Date expressed as CCYYMMDD <i>Customer's Original PO Date.</i>	M DT 8/8	M
BAK05	328	<b>Release Number</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction <i>The PO Release Number being acknowledged.</i>	O AN 1/30	
BAK07	367	<b>Contract Number</b> Contract number	O AN 1/30	
BAK08	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>A unique number used to identify this PO Acknowledgement.</i>	O AN 1/30	
BAK09	373	<b>Date</b> Date expressed as CCYYMMDD <i>Date of this PO Acknowledgment and is designated mandatory by the ISA EDI Guidelines.</i>	O DT 8/8	

**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 CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

**Semantic Notes:**  
**Comments:** 1 See Figures Appendix for examples detailing the use of the CUR segment.  
**Notes:**

*Use only if the Currency on the PO was incorrect.*

ISA Example: CUR \* BY \* US ^

#### 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>
CUR01	98	<b>Entity Identifier Code</b>	<b>M ID 2/3</b>	<b>M</b>
		Code identifying an organizational entity, a physical location, property or an individual		
		BY Buying Party (Purchaser)		
		SE Selling Party		
CUR02	100	<b>Currency Code</b>	<b>M ID 3/3</b>	<b>M</b>
		Code (Standard ISO) for country in whose currency the charges are specified		
		<i>Use the three digit alpha codes from ISO Country Code List 3166 (See the ISA eB Guideline).</i>		

**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.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**  
**Comments:**  
**Notes:**

*This PER Segment is used to convey the contact information for the person who is to receive error or rejection notification relative to the EDI construction (use Qualifier IC) or the general business application (Qualifier CN) of this document. If the same person fills both roles, only list them once with the IC Qualifier. Send, minimally, the telephone number plus either an e-mail address or a fax number.*

ISA Example: PER \* IC \* John Smith \* TE \* (555) 123-6480 \* EM \*  
jsmith@domain.com ^

#### Data Element Summary

Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named CN General Contact IC Information Contact	M ID 2/2	M
PER02	93	<b>Name</b> Free-form name	O AN 1/60	
PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number CP Cellular Phone EM Electronic Mail EX Telephone Extension FX Facsimile NP Night Telephone TE Telephone	X ID 2/2	
PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80	
PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number CP Cellular Phone EM Electronic Mail EX Telephone Extension FX Facsimile NP Night Telephone TE Telephone	X ID 2/2	
PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80	

**PER07**      **365**      **Communication Number Qualifier**      **X**    **ID 2/2**

Code identifying the type of communication number

CP	Cellular Phone
EM	Electronic Mail
EX	Telephone Extension
FX	Facsimile
NP	Night Telephone
TE	Telephone

**PER08**      **364**      **Communication Number**      **X**    **AN 1/80**

Complete communications number including country or area code when applicable

**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:**

- 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.

**Comments:**  
**Notes:**

*Use only if FOB in the PO was incorrect.*

ISA Example: FOB \* CC \* OR \* Geneva ^

#### Data Element Summary

Ref. <u>Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
FOB01	146	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges	M ID 2/2	M
		BP Paid by Buyer The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)		
		<i>Use for Third Party Billing.</i>		
		CC Collect		
		CF Collect, Freight Credited Back to Customer		
		DF Defined by Buyer and Seller		
		FO FOB Port of Call		
		NC Service Freight, No Charge		
		PB Customer Pick-up/Backhaul		
		PC Prepaid but Charged to Customer		
		PP Prepaid (by Seller)		
FOB02	309	<b>Location Qualifier</b> Code identifying type of location	X ID 1/2	
		DE Destination (Shipping)		
		FV Free Alongside Vessel (Free On Board [F.O.B.] Point)		
		OR Origin (Shipping Point)		
FOB04	334	<b>Transportation Terms Qualifier Code</b> Code identifying the source of the transportation terms	O ID 2/2	
		01 Incoterms		
FOB05	335	<b>Transportation Terms Code</b> Code identifying the trade terms which apply to the shipment transportation responsibility	X ID 3/3	
		CFR Cost and Freight Seller pays cost and freight to named port of destination; buyer assumes all risks of loss and damage and additional costs incurred		

once goods are delivered on board the vessel; these are assumed by the buyer when the goods pass over the rail of the ship at the port of shipment

CIF

Cost, Insurance, and Freight

Seller pays cost and freight to named port of destination; buyer assumes all risks of loss and damage and additional costs incurred once goods are delivered onboard the vessel; risks are assumed by the buyer when the goods pass over the rail of the ship at the port of shipment; seller must in addition procure (i.e. contract and pay for) marine insurance against the buyer's risk of loss or damage during shipment

CIP

Carriage and Insurance Paid To

Seller pays cost and freight to named port of destination; buyer assumes all risk of damage or loss and additional costs incurred once goods are delivered on board the vessel; these risks are assumed by the buyer when the goods pass over the rail of the ship at the port of shipment; seller must procure (i.e. contract and pay for) marine insurance against the buyer's risk of loss or damage during carriage; seller must in addition procure (i.e. contract and pay for) cargo insurance against the buyer's risk of loss or damage to the goods during carriage

CPT

Carriage Paid To

Seller pays freight charges named to destination; the risk of loss or damage to the goods, as well as any additional costs due to events occurring after the time the goods have been delivered to other carrier, is transferred from the seller to the buyer when the goods have been delivered into the custody of the carrier

DDP

Delivered Duty Paid

Seller bears costs and risks involved in bringing goods to the named place in the country of importation including duties, taxes, and other official charges payable upon import

DDU

Deliver Duty Unpaid

Seller bears costs and risks involved in bringing goods to the named place in country of importation exclusive of duties, taxes, or other official charges payable upon import, and the costs and risks of carrying out import formalities

FCA

Free Carrier

Seller fulfills his obligation when goods are handed over, cleared for export, and into the charge of the carrier named by the buyer at the named place or location

FOB

Free on Board

**Segment:** **CSH** Sales Requirements  
**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.
- 3 If either CSH09 or CSH10 is present, then the other is required.

**Semantic Notes:**

- 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.

**Comments:**  
**Notes:**

*Use only if the CSH Segment in the PO was incorrect.*

ISA Example: CSH \* NS ^

**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>
CSH01	563	<b>Sales Requirement Code</b>	<b>O ID 1/2</b>	
		Code to identify a specific requirement or agreement of sale		
		BK	Ship Partial - Balance Back Order	
		IS	Substitute Item Allowed	
		N	No Back Order	
		NS	No Substitutes	
		P2	Ship As Soon As Possible	
		P3	May Preship	
		P4	Do Not Preship	
		SC	Ship Complete	
		SP	Ship Partial, Balance Cancel	
		SW	Ship Per Release or Buyer Authorization	
		Y	Back Order if Out of Stock	

**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:**

- 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.

**Notes:**

*Use only if the ITD in the PO was incorrect.*

ISA Example: ITD \* 08 \*\* 2 \*\* 20 \*\* 60 \* \* \* \* \* 2% 20 DAYS/NET 60 ^

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
ITD01	336	<b>Terms Type Code</b> Code identifying type of payment terms	O ID 2/2	
		01 Basic		
		02 End of Month (EOM)		
		05 Discount Not Applicable		
		08 Basic Discount Offered		
		09 Proximo		
		10 Instant		
		12 10 Days After End of Month (10 EOM)		
		14 Previously agreed upon		
		23 Payment Due Upon Receipt of Invoice		
		31 Cash on Delivery (COD)		
ITD02	333	<b>Terms Basis Date Code</b> 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	<b>Terms Discount Percent</b> 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	
ITD04	370	<b>Terms Discount Due Date</b> Date payment is due if discount is to be earned expressed in format CCYYMMDD	X DT 8/8	
ITD05	351	<b>Terms Discount Days Due</b> Number of days in the terms discount period by which payment is due if terms discount is earned	X N0 1/3	
ITD06	446	<b>Terms Net Due Date</b> Date when total invoice amount becomes due expressed in format CCYYMMDD	O DT 8/8	
ITD07	386	<b>Terms Net Days</b> Number of days until total invoice amount is due (discount not applicable)	O N0 1/3	

<b>ITD08</b>	<b>362</b>	<b>Terms Discount Amount</b>	<b>O N2 1/10</b>
		Total amount of terms discount	
<b>ITD09</b>	<b>388</b>	<b>Terms Deferred Due Date</b>	<b>O DT 8/8</b>
		Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD	
<b>ITD10</b>	<b>389</b>	<b>Deferred Amount Due</b>	<b>X N2 1/10</b>
		Deferred amount due for payment	
<b>ITD11</b>	<b>342</b>	<b>Percent of Invoice Payable</b>	<b>X R 1/5</b>
		Amount of invoice payable expressed in percent	
<b>ITD12</b>	<b>352</b>	<b>Description</b>	<b>O AN 1/80</b>
		A free-form description to clarify the related data elements and their content	
<b>ITD13</b>	<b>765</b>	<b>Day of Month</b>	<b>X N0 1/2</b>
		The numeric value of the day of the month between 1 and the maximum day of the month being referenced	
		<i>Used to indicate day of the month in which payment is due to gain discount. Used when ITD01 = 09 (proximo).</i>	

**Segment:** **DTM** Date/Time Reference  
**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 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**  
**Comments:**  
**Notes:**

*Only use if the DTM in the PO is incorrect.*

ISA Example: DTM \* 010 \* 20060902 ^

### Data Element Summary

Ref.	Data	Name	Base	User
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
DTM01	374	Date/Time Qualifier	M ID 3/3	M
		Code specifying type of date or time, or both date and time		
		001 Cancel After		
		002 Delivery Requested		
		010 Requested Ship		
		011 Shipped		
		017 Estimated Delivery		
		037 Ship Not Before		
		038 Ship No Later		
		063 Do Not Deliver After		
		064 Do Not Deliver Before		
		074 Requested for Delivery (Prior to and Including)		
		084 Requested for Shipment (Prior to and Including)		
		118 Requested Pick-up		
DTM02	373	Date	X DT 8/8	
		Date expressed as CCYYMMDD		
DTM03	337	Time	X TM 4/8	
		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)		
DTM04	623	Time Code	O ID 2/2	
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
		AD Alaska Daylight Time		
		AS Alaska Standard Time		
		AT Alaska Time		
		CD Central Daylight Time		
		CS Central Standard Time		
		CT Central Time		
		ED Eastern Daylight Time		

ES	Eastern Standard Time
ET	Eastern Time
GM	Greenwich Mean Time
HD	Hawaii-Aleutian Daylight Time
HS	Hawaii-Aleutian Standard Time
HT	Hawaii-Aleutian Time
LT	Local Time
MD	Mountain Daylight Time
MS	Mountain Standard Time
MT	Mountain Time
ND	Newfoundland Daylight Time
NS	Newfoundland Standard Time
NT	Newfoundland Time
PD	Pacific Daylight Time
PS	Pacific Standard Time
PT	Pacific Time
TD	Atlantic Daylight Time
TS	Atlantic Standard Time
TT	Atlantic Time

**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 TD505 TD506 or TD512 is required.
- 2 If TD502 is present, then TD503 is required.
- 3 If TD507 is present, then TD508 is required.
- 4 If TD510 is present, then TD511 is required.
- 5 If TD513 is present, then TD512 is required.
- 6 If TD514 is present, then TD513 is required.
- 7 If TD515 is present, then TD512 is required.

**Semantic Notes:**

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

**Comments:**

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

**Notes:**

*Only use if the TD5 in the PO was incorrect.*

ISA Example: TD5 \* \* 2 \* UPS \* T \* UPS COLLECT GROUND ^

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
TD502	66	<b>Identification Code Qualifier</b>	X ID 1/2	
		Code designating the system/method of code structure used for Identification Code (67)		
		2 Standard Carrier Alpha Code (SCAC)		
		3 Federal Maritime Commission (Ocean) (FMC)		
		4 International Air Transport Association (IATA)		
		91 Assigned by Seller or Seller's Agent		
		92 Assigned by Buyer or Buyer's Agent		
TD503	67	<b>Identification Code</b>	X AN 2/80	
		Code identifying a party or other code		
TD504	91	<b>Transportation Method/Type Code</b>	X ID 1/2	
		Code specifying the method or type of transportation for the shipment		
		A Air		
		AE Air Express		
		D Parcel Post		
		E Expedited Truck		
		H Customer Pickup		
		L Contract Carrier		
		M Motor (Common Carrier)		
		O Containerized Ocean		
		R Rail		
		S Ocean		
		SR Supplier Truck		
		T Best Way (Shippers Option)		
		U Private Parcel Service		
		X Intermodal (Piggyback)		
TD505	387	<b>Routing</b>	X AN 1/35	

Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

**TD512**

**284**

**Service Level Code**

**X ID 2/2**

Code indicating the level of transportation service or the billing service offered by the transportation carrier

09	Premium Surface Indicates that alternate routing instructions should be used instead of the regular ones given
CG	Ground
ND	Next Day Air Delivery during business day hours of next business day
PB	Priority Mail Can consist of any mail matter (including regular First-Class mail) weighing eleven ounces or less and marked Priority Mail for which the mailer chooses to pay the minimum Priority Mail rate for unguaranteed two-day service among major cities and three-day service everywhere else; First-Class mail weighing more than eleven ounces automatically becomes Priority Mail and must be marked as such
SA	Same Day
SC	Second Day Air Delivery during business day hours no later than second business day

**TD513**

**284**

**Service Level Code**

**X ID 2/2**

Code indicating the level of transportation service or the billing service offered by the transportation carrier

DC	Delivery Confirmation
DR	Delivery Confirmation Return
DT	Delivery Notification Only
ET	Proof of Delivery (POD) with Signature

**Segment:** **MSG** Message Text  
**Position:** 295  
**Loop:** MSG Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To provide a free-form format that allows the transmission of text information  
**Syntax Notes:** 1 If MSG03 is present, then MSG02 is required.  
**Semantic Notes:** 1 MSG03 is the number of lines to advance before printing.  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.  
2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

**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

**Segment:** **N1** Name  
**Position:** 300  
**Loop:** MSG 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.  
 2 N105 and N106 further define the type of entity in N101.

**Notes:**

*Use if the N1 Loop in the PO is incorrect. To correctly communicate a change, send the entire loop (N1, N2, N3, N4 and PER) even if just one of the segments is in error.*

ISA Example: N1 \* BT \* XYZ Distributor \* UL \* 0622222333339 ^

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual BT Bill-to-Party ST Ship To Z7 Mark-for Party The party for whom the needed material is intended <i>Used for the Distributor's drop ship, end customer.</i>	M ID 2/3	M
N102	93	<b>Name</b> Free-form name	X AN 1/60	
N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 91 Assigned by Seller or Seller's Agent 92 Assigned by Buyer or Buyer's Agent UL GS1 Global Location Number A globally unique 13 digit code for the identification of a legal or physical location within the GS1 system.	X ID 1/2	
N104	67	<b>Identification Code</b> Code identifying a party or other code	X AN 2/80	

**Segment:** N2 Additional Name Information  
**Position:** 310  
**Loop:** MSG Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

ISA Example: N2 \* A Division of ABC Distribution ^

**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 1/60	M

**Segment:** N3 Address Information  
**Position:** 320  
**Loop:** MSG Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

ISA Example: N3 \* 1234 Center Street ^

**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>
N301	166	<b>Address Information</b> Address information	M AN 1/55	M
N302	166	<b>Address Information</b> Address information	O AN 1/55	

**Segment:** **N4 Geographic Location**  
**Position:** 330  
**Loop:** MSG Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the U.S. or Canada.  
**Notes:** ISA Example: N4 \* Central \* IL \* 66666 \* US ^

#### Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30	
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 3/15	
N404	26	Country Code Code identifying the country	O ID 2/3	

*Use the three digit alpha codes from ISO Country Code List 3166 (See the ISA eB Guideline).*

**Segment:** **PER Administrative Communications Contact**  
**Position:** 350  
**Loop:** MSG Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**  
**Comments:**  
**Notes:**

ISA Example: PER \* DC \* John Smith \* TE 555-222-3333 \* EM \* johnsmith@domain.com ^

### Data Element Summary

Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named DC Delivery Contact <i>Ship-to contact information.</i> OC Order Contact <i>Bill-to contact information.</i>	M ID 2/2	M
PER02	93	<b>Name</b> Free-form name	O AN 1/60	
PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number CP Cellular Phone EM Electronic Mail EX Telephone Extension FX Facsimile NP Night Telephone TE Telephone	X ID 2/2	
PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80	
PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number CP Cellular Phone EM Electronic Mail EX Telephone Extension FX Facsimile NP Night Telephone TE Telephone	X ID 2/2	
PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80	
PER07	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number CP Cellular Phone EM Electronic Mail EX Telephone Extension	X ID 2/2	

FX Facsimile  
NP Night Telephone  
TE Telephone

**PER08**

**364**

**Communication Number**

**X AN 1/80**

Complete communications number including country or area code when applicable

**Segment:** **PO1** **Baseline Item Data**  
**Position:** 010  
**Loop:** PO1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify basic and most frequently used line item data  
**Syntax Notes:**

- 1 If PO103 is present, then PO102 is required.
- 2 If PO105 is present, then PO104 is required.
- 3 If either PO106 or PO107 is present, then the other is required.
- 4 If either PO108 or PO109 is present, then the other is required.
- 5 If either PO110 or PO111 is present, then the other is required.
- 6 If either PO112 or PO113 is present, then the other is required.
- 7 If either PO114 or PO115 is present, then the other is required.
- 8 If either PO116 or PO117 is present, then the other is required.
- 9 If either PO118 or PO119 is present, then the other is required.
- 10 If either PO120 or PO121 is present, then the other is required.
- 11 If either PO122 or PO123 is present, then the other is required.
- 12 If either PO124 or PO125 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

- 1 See the Data Element Dictionary for a complete list of IDs.
- 2 PO101 is the line item identification.
- 3 PO106 through PO125 provide for ten different product/service IDs per each item.  
For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

**Notes:**

*Send all of the data from the PO1 of the 850 PO, not just changes. Changes are made at the ACK level in the same 855 PO1 Loop. This PO1 Segment is used to make sure the correct line item is identified for change.*

*PO106 / 08 / 10 / 12 / 14 / 16 / 18 / 20 are Limited Code lists. PO106 must contain either the GTIN or the Vendor's Item Number as the primary item identification number. PO122 / 24 are Suggested Code Lists.*

ISA Example: PO1 \* 0101 \* 1 \* EA \* 139.5 \*\* UP \* 061414134259 ^

#### Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
PO101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set <i>This is the line number from the PO (850 PO101).</i>	O AN 1/20	
PO102	330	<b>Quantity Ordered</b> Quantity ordered	X R 1/15	
PO103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2	
		CA Case		
		EA Each		
		FT Foot		
		GA Gallon		
		KG Kilogram		
		LB Pound		
		LT Liter		
		OZ Ounce - Av		
		RL Roll		

<b>PO104</b>	<b>212</b>	<b>Unit Price</b>	<b>X R 1/17</b>
		Price per unit of product, service, commodity, etc.	
<b>PO106</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		<i>Send the PO106 from the PO.</i>	
		EN	EAN-13 (GTIN-13)
		UK	EAN/UCC-14 (GTIN-14) A 14 digit GTIN starting with 1-9.
		UP	UCC-12 (GTIN-12)
		VN	Vendor's (Seller's) Item Number
		VU	Vendor's Basic Unit Number
		<i>Use for EAN-8 in Version 4010; later versions of EDI use "EO-EAN-8".</i>	
<b>PO107</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
<b>PO108</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		VN	Vendor's (Seller's) Item Number
<b>PO109</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
<b>PO110</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		BP	Buyer's Part Number
<b>PO111</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
<b>PO112</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		CB	Buyer's Catalog Number
<b>PO113</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
<b>PO114</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		HD	International Harmonized Commodity Code For customs authority purposes, the class and description of a subject part or material item per harmonized agreements on tariff commodity codes
<b>PO115</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
<b>PO116</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		UQ	United Nations (UN) Number (Dangerous Goods)
<b>PO117</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
<b>PO118</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		CR	Contract Number
<b>PO119</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>

		Identifying number for a product or service		
<b>PO120</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		VI Vary Item Product Number		
<b>PO121</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>PO122</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		B8 Batch Number		
		DR Drawing Revision Number		
		EC Engineering Change Level		
		MN Model Number		
		SK Stock Keeping Unit (SKU)		
<b>PO123</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>PO124</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		B8 Batch Number		
		DR Drawing Revision Number		
		EC Engineering Change Level		
		MN Model Number		
		SK Stock Keeping Unit (SKU)		
<b>PO125</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		

**Segment:** **CTP Pricing Information**

**Position:** 040

**Loop:** PO1 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify pricing information

**Syntax Notes:**

- 1 If either CTP04 or CTP05 is present, then the other is required.
- 2 If CTP06 is present, then CTP07 is required.
- 3 If CTP09 is present, then CTP02 is required.
- 4 If CTP10 is present, then CTP02 is required.
- 5 If CTP11 is present, then CTP03 is required.

**Semantic Notes:**

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

**Notes:**

*The CTP segment in the PO1 Loop is used to change pricing. All other changes are made in the ACK Segment.*

**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>Unit Price</u>	<u>Attributes</u>	<u>Attributes</u>
CTP03	212	Unit Price	X R 1/17	
		Price per unit of product, service, commodity, etc.		

**Segment:** **ACK** Line Item Acknowledgment

**Position:** 270

**Loop:** ACK Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To acknowledge the ordered quantities and specify the ready date for a specific line item

**Syntax Notes:**

- 1 If either ACK02 or ACK03 is present, then the other is required.
- 2 If ACK04 is present, then ACK05 is required.
- 3 If either ACK07 or ACK08 is present, then the other is required.
- 4 If either ACK09 or ACK10 is present, then the other is required.
- 5 If either ACK11 or ACK12 is present, then the other is required.
- 6 If either ACK13 or ACK14 is present, then the other is required.
- 7 If either ACK15 or ACK16 is present, then the other is required.
- 8 If either ACK17 or ACK18 is present, then the other is required.
- 9 If either ACK19 or ACK20 is present, then the other is required.
- 10 If either ACK21 or ACK22 is present, then the other is required.
- 11 If either ACK23 or ACK24 is present, then the other is required.
- 12 If either ACK25 or ACK26 is present, then the other is required.
- 13 If either ACK27 or ACK28 is present, then the other is required.
- 14 If ACK28 is present, then both ACK27 and ACK29 are required.

**Semantic Notes:**

- 1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

**Comments:**

**Notes:**

*The GTIN or the Vendor's Item Number cannot be changed in an 855.*

ISA Example: ACK \* ID \* ^

#### Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
ACK01	668	Line Item Status Code	M ID 2/2	M
		Code specifying the action taken by the seller on a line item requested by the buyer		
		IA Item Accepted		
		<i>It is not necessary to indicate, at the line level, that an item is Accepted. However, if multiple changes are made, to avoid confusion, Accepted may be used.</i>		
		IB Item Backordered		
		IC Item Accepted - Changes Made		
		ID Item Deleted		
ACK02	380	Quantity	X R 1/15	
		Numeric value of quantity		
		<i>Quantity is the "changed-to" quantity; it is the quantity being changed on the PO.</i>		
		<i>It is not the quantity added, deleted, backordered or substituted (the qualifiers listed in ACK01).</i>		
		<i>If the line item is being deleted, ACK02 is not used. ACK01 is "ID".</i>		
ACK03	355	Unit or Basis for Measurement Code	X ID 2/2	
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		CA Case		
		EA Each		
		FT Foot		

GA	Gallon
KG	Kilogram
LB	Pound
LT	Liter
OZ	Ounce - Av
RL	Roll

<b>ACK04</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>O</b>	<b>ID 3/3</b>
		Code specifying type of date or time, or both date and time		
		001		Cancel After
		002		Delivery Requested
		010		Requested Ship
		011		Shipped
		017		Estimated Delivery
		037		Ship Not Before
		038		Ship No Later
		063		Do Not Deliver After
		064		Do Not Deliver Before
		074		Requested for Delivery (Prior to and Including)
		084		Requested for Shipment (Prior to and Including)
		118		Requested Pick-up
<b>ACK05</b>	<b>373</b>	<b>Date</b>	<b>X</b>	<b>DT 8/8</b>
		Date expressed as CCYYMMDD		
<b>ACK07</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		EC		Engineering Change Level
<b>ACK08</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>ACK09</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		DR		Drawing Revision Number
<b>ACK10</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>ACK11</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		HD		International Harmonized Commodity Code For customs authority purposes, the class and description of a subject part or material item per harmonized agreements on tariff commodity codes
<b>ACK12</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>ACK13</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		UQ		United Nations (UN) Number (Dangerous Goods)
<b>ACK14</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>ACK15</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		CR		Contract Number

<b>ACK16</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>ACK17</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		VI		Vary Item Product Number
				<i>Custom Industrial Supply Made-to-Order Variation Number used with the GTIN-14 Indicator Digit 9 that is sent in the PO106.</i>
<b>ACK18</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>ACK19</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		B8		Batch Number
		BP		Buyer's Part Number
		MN		Model Number
		SK		Stock Keeping Unit (SKU)
<b>ACK20</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>ACK21</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		B8		Batch Number
		BP		Buyer's Part Number
		MN		Model Number
		SK		Stock Keeping Unit (SKU)
<b>ACK22</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		

**Segment:** **CTT** Transaction Totals  
**Position:** 010  
**Loop:** CTT Optional  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Syntax Notes:** 1 If either CTT03 or CTT04 is present, then the other is required.  
 2 If either CTT05 or CTT06 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.  
**Notes:** ISA Example: CTT \* 1 ^

**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>
CTT01	354	Number of Line Items	M N0 1/6	M
		Total number of line items in the transaction set		
		<i>Total number of PO1 segments.</i>		

**Segment:** **SE** Transaction Set Trailer  
**Position:** 030  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

**Notes:**

ISA Example: SE \* 27 \* 1 ^

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
SE01	96	<b>Number of Included Segments</b>	M N0 1/10	M
		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	M
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		