

Outbound ANSI X12 855 Version 4010

Order Acknowledgement

Version: ANSI X12 855 4010

Author:

Adobe EDI

Modified:

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855 Purchase Order Acknowledgment

Functional Group=PR

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			Mandatory
	GS	Functional Group Header	M	1			Mandatory

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			Mandatory
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Mandatory
040	CUR	Currency	O	1			Optional
050	REF	Reference Identification	O	>1			Optional
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Optional

LOOP ID - N1

200

300	N1	Name	O	1			Optional
310	N2	Additional Name Information	O	2			Optional
320	N3	Address Information	O	2			Optional
330	N4	Geographic Location	O	1			Optional
350	PER	Administrative Communications Contact	O	>1			Optional

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>
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LOOP ID - PO1

100000

N2/010L

010	PO1	Baseline Item Data	O	1		N2/010	Optional
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LOOP ID - PID

1000

050	PID	Product/Item Description	O	1			Optional
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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>
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LOOP ID - CTT

1

N3/010L

010	CTT	Transaction Totals	O	1		N3/010	Optional
020	AMT	Monetary Amount	O	1		N3/020	Optional
030	SE	Transaction Set Trailer	M	1			Mandatory

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			Mandatory
	IEA	Interchange Control Trailer	M	1			Mandatory

Notes:

2/010L PO102 is required.

2/010 PO102 is required.

3/010L 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.

3/010 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.

3/020 If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

ISA Interchange Control Header

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

User Option (Usage): Mandatory

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	Authorization Information Qualifier	M	ID	2/2	Mandatory
		Description: Code to identify the type of information in the Authorization Information				
		Code Name				
		00 No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	Authorization Information	M	AN	10/10	Mandatory
		Description: 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)				
ISA03	I03	Security Information Qualifier	M	ID	2/2	Mandatory
		Description: Code to identify the type of information in the Security Information				
		Code Name				
		00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	Security Information	M	AN	10/10	Mandatory
		Description: 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)				
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Mandatory
		Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified				
		Code Name				
		16 Duns Number With 4-Character Suffix				
ISA06	I06	Interchange Sender ID	M	AN	15/15	Mandatory
		Description: 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				
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Mandatory
		Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified				
		Code Name				
		01 Duns (Dun & Bradstreet)				
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Mandatory
		Description: Identification code published by the receiver of the data; When sending, it is used by the				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	Interchange Date	M	DT	6/6	Mandatory
		Description: Date of the interchange				
ISA10	I09	Interchange Time	M	TM	4/4	Mandatory
		Description: Time of the interchange				
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Mandatory
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer All valid standard codes are used.				
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Mandatory
		Description: Code specifying the version number of the interchange control segments Code Name 00400 Standard Issued as ANSI X12.5-1997				
ISA13	I12	Interchange Control Number	M	N0	9/9	Mandatory
		Description: A control number assigned by the interchange sender				
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Mandatory
		Description: Code sent by the sender to request an interchange acknowledgment (TA1) Code Name 0 No Acknowledgment Requested				
ISA15	I14	Usage Indicator	M	ID	1/1	Mandatory
		Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information Code Name P Production Data				
ISA16	I15	Component Element Separator	M		1/1	Mandatory
		Description: 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				

GS Functional Group Header

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

User Option (Usage): Mandatory

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

Code Name

004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

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

User Option (Usage): Mandatory

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	Transaction Set Identifier Code	M	ID	3/3	Mandatory
		Description: Code uniquely identifying a Transaction Set				
		Code Name				
		855 Purchase Order Acknowledgment				
ST02	329	Transaction Set Control Number	M	AN	4/9	Mandatory
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Adobe:

*Example : ST*855*852281220*

BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

User Option (Usage): Mandatory

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	Transaction Set Purpose Code	M	ID	2/2	Mandatory
		Description: Code identifying purpose of transaction set				
		Code Name				
		00 Original				
BAK02	587	Acknowledgment Type	M	ID	2/2	Mandatory
		Description: Code specifying the type of acknowledgment				
		Code Name				
		AD Acknowledge - With Detail, No Change				
BAK03	324	Purchase Order Number	M	AN	1/22	Mandatory
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
BAK04	373	Date	M	DT	8/8	Mandatory
		Description: Date expressed as CCYYMMDD				
BAK05	328	Release Number	O	AN	1/30	Optional
		Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction				
BAK07	367	Contract Number	O	AN	1/30	Optional
		Description: Contract number				

Semantics:

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.

Adobe:

Example : BAK*00*AD*0132710645*20090612

CUR Currency

Pos: 040	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Optional

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	Entity Identifier Code	M	ID	2/3	Mandatory
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		Code Name				
		SE Selling Party				
CUR02	100	Currency Code	M	ID	3/3	Mandatory
		Description: Code (Standard ISO) for country in whose currency the charges are specified				

Comments:

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

Adobe:

*Example : CUR*SE*USD*

REF Reference Identification

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

User Option (Usage): Optional

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	Reference Identification Qualifier	M	ID	2/3	Mandatory
		Description: Code qualifying the Reference Identification				
		Code Name				
		CO Customer Order Number				
REF02	127	Reference Identification	X	AN	1/30	Optional
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Semantics:

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

Adobe:

*Example : REF*CO*11KH111D*

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 240	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Optional

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>
TD502	66	Identification Code Qualifier	X	ID	1/2	Optional
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		Code Name				
		91		Assigned by Seller or Seller's Agent		
		ZZ		Mutually Defined		
TD503	67	Identification Code	X	AN	2/80	Optional
		Description: Code identifying a party or other code				

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.

Adobe:

In this Header position of the Purchase Order Acknowledgment document, this segment identifies carrier sequence data for the entire order. 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; use TD503 to identify the actual routing sequence, specified by the part identified in TD502.

*Example : TD5**91*0000011111*

N1 Name

Pos: 300	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Optional

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	Entity Identifier Code	M	ID	2/3	Mandatory
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		Code Name				
		BT		Bill-to-Party		
		BY		Buying Party (Purchaser)		
		CA		Carrier		
		II		Issuer of Invoice		
		PR		Payer		
		SE		Selling Party		
		ST		Ship To		
N102	93	Name	X	AN	1/60	Optional
		Description: Free-form name				
N103	66	Identification Code Qualifier	X	ID	1/2	Optional
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		Code Name				
		91		Assigned by Seller or Seller's Agent		
		93		Code assigned by the organization originating the transaction set		
		94		Code assigned by the organization that is the ultimate destination of the transaction set		
		ZZ		Mutually Defined		
N104	67	Identification Code	X	AN	2/80	Optional
		Description: Code identifying a party or other code				

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.

Adobe:

In this Header position of the Purchase Order Acknowledgment document, this segment identifies the destination party.

*Example : N1*BY*PURCHASING PARTY*ZZ*0000011111*

N2 Additional Name Information

Pos: 310	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Optional

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

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>
N201	93	Name	M	AN	1/60	Mandatory
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Optional
		Description: Free-form name				
		Adobe: Example : N2*TRADING PARTNER				

Adobe:

In this Header position of the Purchase Order Acknowledgment document, this segment provides additional detail to the N1 Segment.

Example : N2*TRADING PARTNER

N3 Address Information

Pos: 320	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Optional

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	Address Information	M	AN	1/55	Mandatory
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Optional
		Description: Address information				

Adobe:

In this Header position of the Purchase Order Acknowledgment document, this segment identifies the street number and name of the destination party.

*Example : N3*1111 Main Street*VENDOR A11111*

N4 Geographic Location

Pos: 330	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Optional

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	City Name Description: Free-form text for city name	O	AN	2/30	Optional
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2	Optional
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Optional
N404	26	Country Code Description: Code identifying the country	O	ID	2/3	Optional

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.

Adobe:

In this Header position of the Purchase Order Acknowledgment document, this segment identifies the city, state/province, and postal code of the destination party.

*Example : N4*SAN JOSE*CA*951102704*US*

PER Administrative Communications Contact

Pos: 350	Max: >1
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Optional

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	Contact Function Code	M	ID	2/2	Mandatory
		Description: Code identifying the major duty or responsibility of the person or group named				
		Code Name				
		CN General Contact				
PER02	93	Name	O	AN	1/60	Optional
		Description: Free-form name				

Adobe:

In this Header position of the Purchase Order Acknowledgment document, this segment identifies the responsible contact.

*Example : PER*CN*JOHN DOE*

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Optional	
Loop: PO1	Elements: 9

User Option (Usage): Optional

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	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20	Optional
PO102	330	Quantity Ordered Description: Quantity ordered	X	R	1/15	Optional
PO103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code Name</u> EA Each	O	ID	2/2	Optional
PO104	212	Unit Price Description: Price per unit of product, service, commodity, etc.	X	R	1/17	Optional
PO105	639	Basis of Unit Price Code Description: Code identifying the type of unit price for an item <u>Code Name</u> CA Catalog	O	ID	2/2	Optional
PO106	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) <u>Code Name</u> MG Manufacturer's Part Number	X	ID	2/2	Optional
PO107	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Optional
PO108	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) <u>Code Name</u> BP Buyer's Part Number	X	ID	2/2	Optional
PO109	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Optional

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.

Adobe:

In this Detail position of the Purchase Order Acknowledgment document, this segment identifies specific part numbers. There is one PO1 segment for each different part number. The Product ID Qualifiers and Product ID should completely specify the parts being ordered.

For Adobe's AVL 5.0 Licensing Program, the PO107 SKU will extend to 15 digits.

*Example : PO1*000010*1*EA*369*CA*MG*00065008880AD01A00*BP*T05249*

PID Product/Item Description

Pos: 050	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

User Option (Usage): Optional

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	Item Description Type	M	ID	1/1	Mandatory
		Description: Code indicating the format of a description				
		Code Name				
		F Free-form				
PID05	352	Description	X	AN	1/80	Optional
		Description: A free-form description to clarify the related data elements and their content				

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.

Adobe:

In this Detail position of the Purchase Order Acknowledgment document, this segment identifies the free-form description.

*Example : PID*F****PHSP,CS4,WIN,AOO,UE,001,N/A*

CTT Transaction Totals

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

User Option (Usage): Optional

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	Mandatory

Description: Total number of line items in the transaction set

Comments:

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

Adobe:

In this Summary position of the Purchase Order Acknowledgment document, this segment identifies the Purchase Order Acknowledgment's number of line items.

*Example : CTT*1*

AMT Monetary Amount

Pos: 020	Max: 1
Summary - Optional	
Loop: CTT	Elements: 2

User Option (Usage): Optional

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	Amount Qualifier Code	M	ID	1/3	Mandatory
		Description: Code to qualify amount				
		Code		Name		
		TT		Total Transaction Amount		
AMT02	782	Monetary Amount	M	R	1/18	Mandatory
		Description: Monetary amount				

Adobe:

In this Summary position of the Purchase Order Acknowledgment document, this segment identifies the Purchase Order Acknowledgment's transaction total amount.

*Example : AMT*TT*369*

SE Transaction Set Trailer

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

User Option (Usage): Mandatory

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	Number of Included Segments	M	N0	1/10	Mandatory
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	Transaction Set Control Number	M	AN	4/9	Mandatory
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

- SE is the last segment of each transaction set.

Adobe:

*Example : SE*35*852281220*

GE Functional Group Trailer

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

User Option (Usage): Mandatory

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	Number of Transaction Sets Included	M	N0	1/6	Mandatory
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	Group Control Number	M	N0	1/9	Mandatory
		Description: Assigned number originated and maintained by the sender				

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): Mandatory

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	Number of Included Functional Groups	M	N0	1/5	Mandatory
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	Interchange Control Number	M	N0	9/9	Mandatory
		Description: A control number assigned by the interchange sender				

ISA*00* *00* *16*102096559PROD *01*PARTNER
 *090612*2028*U*00400*855336885*0*P*>
 GS*PR*102096559PROD*PARTNER*20090612*2028*855336885*X*004010
 ST*855*852281220
 BAK*00*AD*0132710645*20090612
 CUR*SE*USD
 REF*CO*11KH111D
 TD5**ZZ*0000011111
 TD5**ZZ*0000011111
 TD5**ZZ*0000011111
 TD5**91*0000011111
 TD5**ZZ*0011111111
 N1*BY*PURCHASING PARTY*ZZ*0000011111
 N2*TRADING PARTNER
 N3*1111 Main Street*VENDOR A11111
 N4*SAN JOSE*CA*951102704*US
 N1*BT*BILL TO PARTY*ZZ*0000022222
 N2*TRADING PARTNER
 N3*2222 Main Street*VENDOR A22222
 N4*SAN JOSE*CA*951102704*US
 N1*PR*PAYER PARTY*ZZ*0000033333
 N2*TRADING PARTNER
 N3*3333 Main Street*VENDOR A33333
 N4*SAN JOSE*CA*951102704*US
 N1*CA*OTHER CARRIER-NOTE IN SHIP INSTRUC. *ZZ*0000444444
 N2*OTHER CARRIER-NOTE IN SHIP INSTRUC.
 N3*4444 MAIN ST.
 N4*SANTA CLARA*CA*95050*US
 N1*II*ADOBE SYSTEMS INCORPORATED*91*0000012137
 N2*ADOBE SYSTEMS INCORPORATED
 N3*345 PARK AVENUE
 N4*SAN JOSE*CA*95110*US
 N1*SE*ADOBE SYSTEMS INCORPORATED*91*ADUS
 N2*ADOBE SYSTEMS INCORPORATED
 N3*345 Park Avenue
 N4*SAN JOSE*CA*95110*US
 N1*ST*SHIP TO PARTY*ZZ*0055555555
 N2*TRADING PARTNER
 N3*5555 161TH AVE
 N4*SEATTLE*WA*98134*US
 PER*CN*JOHN DOE
 P01*000010*1*EA*369*CA*MG*00065008880AD01A00*BP*T05249
 PID*F****APRO, 9. 0, WI N, A00, UE, 1PK, N/A
 CTT*1
 AMT*TT*369
 SE*43*852281220
 GE*1*855336885
 IEA*1*855336885