

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.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
001	ISA	Interchange Control Header	M	1		
002	GS	Functional Group Header	M	1		
010	ST	Transaction Set Header	M	1		
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
050	REF	Reference Identification	O	>1		
LOOP ID - N1			200			
300	N1	Name	O	1		
310	N2	Additional Name Information	O	2		
320	N3	Address Information	O	2		
330	N4	Geographic Location	O	1		
350	PER	Administrative Communications Contact	O	>1		
031	GE	Functional Group Trailer	M	1		
032	IEA	Interchange Control Trailer	M	1		

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - PO1			100000			
010	PO1	Baseline Item Data	O	1		N2/010
LOOP ID - ACK			104			
270	ACK	Line Item Acknowledgment	O	1		
280	DTM	Date/Time Reference	O	1		

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - CTT			1			
010	CTT	Transaction Totals	O	1		N3/010
030	SE	Transaction Set Trailer	M	1		

ISA

Interchange Control Header

Pos: 001	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 16

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>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2
		<u>Code</u> <u>NAME</u>			
		00 No Authorization Information Present (No Meaningful Information in I02)			
		01 UCS Communications ID			
ISA02	I02	Authorization Information	M	AN	10/10
ISA03	I03	Security Information Qualifier	M	ID	2/2
		<u>Code</u> <u>NAME</u>			
		00 No Security Information Present (No Meaningful Information in I04)			
		01 Password			
ISA04	I04	Security Information	M	AN	10/10
ISA05	I05	Interchange ID Qualifier	M	ID	2/2
		<u>Code</u> <u>NAME</u>			
		01 Duns (Dun & Bradstreet)			
ISA06	I06	Interchange Sender ID	M	AN	15/15
ISA07	I05	Interchange ID Qualifier	M	ID	2/2
		<u>Code</u> <u>NAME</u>			
		01 Duns (Dun & Bradstreet)			
ISA08	I07	Interchange Receiver ID	M	AN	15/15
ISA09	I08	Interchange Date	M	DT	6/6
ISA10	I09	Interchange Time	M	TM	4/4
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1
		<u>Code</u> <u>NAME</u>			
		U U.S. EDI Community of ASC X12,and UCS			
ISA12	I11	Interchange Control Version Number	M	ID	5/5
ISA13	I12	Interchange Control Number	M	N0	9/9
ISA14	I13	Acknowledgment Requested	M	ID	1/1
		<u>Code</u> <u>NAME</u>			
		0 No Acknowledgment Requested			
		1 Interchange Acknowledgment Requested			

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ISA15	I14	Usage Indicator <u>Code</u> <u>NAME</u> P Production Data T Test Data	M	ID	1/1
ISA16	I15	Component Element Separator	M		1/1

GS

Functional Group Header

Pos: 002	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 8

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>
GS01	479	Functional Identifier Code <u>Code</u> <u>NAME</u> PR Purchase Order Acknowledgement (855)	M	ID	2/2
GS02	142	Application Sender's Code	M	AN	2/15
GS03	124	Application Receiver's Code	M	AN	2/15
GS04	373	Date User: Date expressed as CCYYMMDD	M	DT	8/8
GS05	337	Time User: Time expressed in 24-hour clock time as follows: HHMMSS, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59).	M	TM	4/8
GS06	28	Group Control Number	M	N0	1/9
GS07	455	Responsible Agency Code <u>Code</u> <u>NAME</u> X Accredited Standards Committee X12	M	ID	1/2
GS08	480	Version / Release / Industry Identifier Code <u>Code</u> <u>NAME</u> 004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997	M	AN	1/12

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.

ST

Transaction Set Header

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

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>
ST01	143	Transaction Set Identifier Code	M	ID	3/3
		<u>Code</u> <u>NAME</u>			
		855 Purchase Order Acknowledgment			
ST02	329	Transaction Set Control Number	M	AN	4/9

BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A Elements: 7	

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>
BAK01	353	Transaction Set Purpose Code <u>Code</u> <u>NAME</u> 00 Original	M	ID	2/2
BAK02	587	Acknowledgment Type <u>Code</u> <u>NAME</u> AC Acknowledge - With Detail and Change	M	ID	2/2
BAK03	324	Purchase Order Number	M	AN	1/22
BAK04	373	Date User: Date expressed as CCYYMMDD	M	DT	8/8
BAK05	328	Release Number	O	AN	1/30
BAK08	127	Reference Identification	O	AN	1/30
BAK09	373	Date User: Date expressed as CCYYMMDD	O	DT	8/8

Semantics:

1. BAK02 is always 'AC', even if no changes have been made to the order.
2. BAK04 is the date assigned by the purchaser to purchase order.
3. BAK08 is the TI Sales Order Number.

REF Reference Identification

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

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>
REF01	128	Reference Identification Qualifier <u>Code</u> <u>NAME</u> GC Government Contract Number	M	ID	2/3
REF02	127	Reference Identification	C	AN	1/30

Syntax:

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

N1

Name

Pos: 300	Max: 1
Heading - Optional	
Loop: N1	Elements: 2

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>
N101	98	Entity Identifier Code	M	ID	2/3
		<u>Code</u> <u>NAME</u>			
		BY Buying Party (Purchaser)			
		EN End User			
		MA Party for whom Item is Ultimately Intended			
		ST Ship To			
N102	93	Name	C	AN	1/60

N2

Additional Name Information

Pos: 310	Max: 2
Heading - Optional	
Loop: N1	Elements: 1

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>
N201	93	Name	M	AN	1/60

N3

Address Information

Pos: 320	Max: 2
Heading - Optional	
Loop: N1	Elements: 1

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>
N301	166	Address Information	M	AN	1/55

N4

Geographic Location

Pos: 330	Max: 1
Heading - Optional	
Loop: N1	Elements: 3

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>
N401	19	City Name	O	AN	2/30
N402	156	State or Province Code	O	ID	2/2
N403	116	Postal Code	O	ID	3/15

PER Administrative Communications Contact

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

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>
PER01	366	Contact Function Code	M	ID	2/2
		<u>Code</u> <u>NAME</u>			
		BD Buyer Name or Department			
PER02	93	Name	O	AN	1/60

Syntax:

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Optional	
Loop: PO1	Elements: 13

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>
PO101	350	Assigned Identification	O	AN	1/20
PO102	330	Quantity Ordered	C	R	1/15
PO103	355	Unit or Basis for Measurement Code <u>Code NAME</u> EA Each	O	ID	2/2
PO104	212	Unit Price	C	R	1/17
PO105	639	Basis of Unit Price Code <u>Code NAME</u> CT Contract	O	ID	2/2
PO106	235	Product/Service ID Qualifier <u>Code NAME</u> BP Buyer's Part Number	C	ID	2/2
PO107	234	Product/Service ID	C	AN	1/48
PO108	235	Product/Service ID Qualifier <u>Code NAME</u> EC Engineering Change Level	C	ID	2/2
PO109	234	Product/Service ID	C	AN	1/48
PO110	235	Product/Service ID Qualifier <u>Code NAME</u> VP Vendor's (Seller's) Part Number	C	ID	2/2
PO111	234	Product/Service ID	C	AN	1/48
PO112	235	Product/Service ID Qualifier <u>Code NAME</u> VO Vendor's Order Number	C	ID	2/2
PO113	234	Product/Service ID	C	AN	1/48

Syntax:

C0302 -- If PO103 is present, then PO102 is required. C0504 -- If PO105 is present, then PO104 is required. P0607 -- If either PO106 or PO107 are present, then the others are required. P0809 -- If either PO108 or PO109 are present, then the others are required. P1011 -- If either PO110 or PO111 are present, then the others are required. P1213 -- If either PO112 or PO113 are present, then the others are required.

Comments:

The PO101 is the sequential number assigned to each line item by the buyer.

ACK Line Item Acknowledgment

Pos: 270	Max: 1
Detail - Optional	
Loop: ACK	Elements: 5

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ACK01	668	Line Item Status Code <u>Code</u> <u>NAME</u>	M	ID	2/2
		DR Item Accepted - Date Rescheduled			
		IA Item Accepted			
		IC Item Accepted - Changes Made			
		ID Item Deleted			
		IP Item Accepted - Price Changed			
		IQ Item Accepted - Quantity Changed			
ACK02	380	Quantity	C	R	1/15
ACK03	355	Unit or Basis for Measurement Code <u>Code</u> <u>NAME</u>	C	ID	2/2
		EA Each			
ACK04	374	Date/Time Qualifier <u>Code</u> <u>NAME</u>	O	ID	3/3
		017 Estimated Delivery			
ACK05	373	Date User: Date expressed as CCYYMMDD	C	DT	8/8

Syntax:

P0203 -- If either ACK02 or ACK03 are present, then the others are required. C0405 -- If ACK04 is present, then ACK05 is required

DTM Date/Time Reference

Pos: 280	Max: 1
Detail - Optional	
Loop: ACK	Elements: 2

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>
DTM01	374	Date/Time Qualifier	M	ID	3/3
		<u>Code</u> <u>NAME</u>			
		002 Delivery Requested			
DTM02	373	Date	C	DT	8/8
		User:			
		Date expressed as CCYYMMDD			

Syntax:

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

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: CTT	Elements: 2

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>
CTT01	354	Number of Line Items	M	N0	1/6
CTT02	347	Hash Total	O	R	1/10

SE

Transaction Set Trailer

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

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>
SE01	96	Number of Included Segments	M	N0	1/10
SE02	329	Transaction Set Control Number	M	AN	4/9

GE

Functional Group Trailer

Pos: 031	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

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>
GE01	97	Number of Transaction Sets Included	M	N0	1/6
GE02	28	Group Control Number	M	N0	1/9

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.

IEA

Interchange Control Trailer

Pos: 032	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

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>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5
IEA02	I12	Interchange Control Number	M	N0	9/9