

Stein Mart, Inc

855

Purchase Order Acknowledgement

X.12 EDI/855/V4010:

EDI

Implementation Guide

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855 Purchase Order Acknowledgement Overview

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.

ISA – GS Envelope:

- ISA – Interchange Control Header
- GS – Functional Group Header

Header:

- ST – Start of Purchase Order Acknowledgement Transaction Set
- BAK – Purchase Order Number, Date Acknowledgement
- REF – Stein Mart's Internal Supplier Number
- N1 – Identify where the delivery will be made; SDC or DSD

Detail:

- PO1 – Qty/UOM/Unit Price/UPC/Vendor's Style Number/SKU
- SDQ – Store Location/Qty

Trailer:

- CTT – Count of PO1 Segments
- SE – End of Purchase Order Acknowledgement Transaction Set

GE – IEA Envelope:

- GE – Functional Group Trailer
- IEA – Interchange Control Trailer

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ISA Interchange Control Header

Segment: ISA – Interchange Control Header

Level: Envelope

Loop: N/A

Max Use: 1

Usage: Mandatory

Purpose: To start and identify an interchange of one or more functional groups and interchange related control.

<u>Ref</u>	<u>Data Element Number & Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Comments</u>
ISA01	I01 Authorization Information Qualifier	M	ID	2/2	"00" (No Authorization Information)
ISA02	I02 Authorization Information	M	AN	10/10	Ten blanks positions
ISA03	I03 Security Information Qualifier	M	ID	2/2	"00" (No Security Information)
ISA04	I04 Security Information	M	AN	10/10	Ten blanks positions
ISA05	I05 Interchange ID Qualifier	M	ID	2/2	
ISA06	I06 Interchange Sender ID	M	AN	15/15	
ISA07	I05 Interchange ID Qualifier	M	ID	2/2	
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	I65 Repetition Separator	M	ID	1/1	
ISA12	I11 Interchange Version ID	M	ID	5/5	
ISA13	I12 Interchange Control Number	M	NO	9/9	
ISA14	I13 Acknowledgement Requested	M	ID	1/1	"0" (No Acknowledgement Requested)
ISA15	I14 Usage Indicator	M	ID	1/1	"P" - Production / "T" - Test
ISA16	I15 Component Element Separator	M	AN	1/1	

GS Functional Group Header

Segment: GS – Functional Group Header

Level: Group

Loop: N/A

Max Use: 1

Usage: Mandatory

Purpose: To start and identify a functional group of related transaction sets and provides control and application identification information.

<u>Ref</u>	<u>Data Element Number & Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Comments</u>
GS01	479 Functional ID	M	ID	2/2	"PR" (Purchase Order Acknowledgement)
GS02	142 Application Sender's Code	M	AN	2/15	Same ID as ISA06
GS03	124 Application Receiver's Code	M	AN	2/15	Same ID as ISA08
GS04	373 Date	M	DT	8/8	CCYYMMDD
GS05	337 Time	M	TM	4/8	HHMM
GS06	28 Group Control Number	M	NO	1/9	
GS07	455 Responsible Agency Code	M	ID	1/2	"X" (Accredited Standards Committee X12)
GS08	480 Version	M	AN	1/12	"004010"

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ST Transaction Set Header

Segment: ST – Transaction Set Header	Level: Header
Loop: N/A	Max Use: 1
	Usage: Mandatory

Purpose: To indicate the start of a Purchase Order Acknowledgement transaction set and to assign a control number.

Ref	Data Element Number & Name	Req	Type	Min/Max	Comments
ST01	143 Transaction Set ID	M	ID	3/3	"855" (Purchase Order Acknowledgement)
ST02	329 Transaction Set Control Number	M	AN	4/9	Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set.

BAK Beginning Segment

Segment: BAK – Beginning Segment	Level: Header
Loop: N/A	Max Use: 1
	Usage: Mandatory

Purpose: To identify a purchase order number, date and acknowledgement.

Ref	Data Element Number & Name	Req	Type	Min/Max	Comments
BAK01	353 Transaction Set Purpose Code	M	ID	2/2	"16" (Proposed)
BAK02	587 Acknowledgement Type	M	ID	2/2	"AP" (Acknowledge-Product Replenishment)
BAK03	324 Purchase Order Number	M	AN	1/22	
BAK04	373 Date	M	DT	8/8	CCYYMMDD

REF Reference Identification

Segment: REF – Reference Identification	Level: Header
Loop: N/A	Max Use: 1
	Usage: Mandatory

Purpose: To identify a purchase order number, date and acknowledgement.

Ref	Data Element Number & Name	Req	Type	Min/Max	Comments
REF01	128 Reference Identification Qualifier	M	ID	2/2	"IA" (Internal Supplier Number)
REF02	127 Reference Identification	M	AN	1/50	Stein Mart's assigned Vendor number

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N1 Name

Segment: N1 – Name	Level: Header
Loop: N/A	Usage: Mandatory
Max Use: 1	

Purpose: To identify delivery information.

Ref	Data Element Number & Name	Req	Type	Min/Max	Comments
N101	98 Entity Identifier Code	M	ID	2/3	"ST" (Ship To)
N102	93 Name	O	AN	1/60	Stein Mart does not use
N103	66 Identification Code Qualifier	C	ID	1/2	"91" (Assigned by seller)
N104	67 Identification Code	M	AN	2/80	either "SDC" or "DSD"

PO1 Baseline Item Data

Segment: PO1 – Baseline Item Data	Level: Detail
Loop: PO1	Usage: Optional
Max Use: 1	

Purpose: To specify basic and most frequently used line data.

Ref	Data Element Number & Name	Req	Type	Min/Max	Comments
PO101	350 Assigned ID	M	AN	1/20	Line item number
PO102	330 Quantity Ordered	C	R	1/15	Quantity Ordered
PO103	355 Unit of Measure Code	O	ID	2/2	"EA" (Each)
PO104	212 Unit Price	C	R	1/17	Price per unit of measure
PO105	639 Basis of Unit Price	O	ID	2/2	Stein Mart does not use
PO106	235 Product/Service ID Qualifier	C	ID	2/2	"UP" (U.P.C Consumer Package Code)
PO107	234 Product/Service ID	C	AN	1/48	U.P.C number
PO108	235 Product/Service ID Qualifier	C	ID	2/2	"VA" (Vendor's Style Number)
PO109	234 Product/Service ID	C	AN	1/48	Vendor's product ID
PO110	235 Product/Service ID Qualifier	C	ID	2/2	"SK" (Stein Mart's SKU number)
PO111	234 Product/Service ID	C	AN	1/48	SKU number

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SDQ Destination Quantity

Segment: SDQ – Destination Quantity
Loop: PO1

Max Use: 500

Level: Detail
Usage: Optional

Purpose: To specify destination and quantity detail.

Ref	Data Element Number & Name	Req	Type	Min/Max	Comments
SDQ01	355 Unit or Basis for Measure Code	M	ID	2/2	"EA" (Each)
SDQ02	66 Identification Code Qualifier	O	ID	1/2	"92" (Assigned by Buyer or Buyer's Agent)
SDQ03	67 Identification Code	M	AN	2/80	Store Number
SDQ04	380 Quantity	M	R	1/15	Numeric value of quantity
SDQ05	67 Identification Code	C	AN	2/80	Store Number
SDQ06	380 Quantity	C	R	1/15	Numeric value of quantity
SDQ07	67 Identification Code	C	AN	2/80	Store Number
SDQ08	380 Quantity	C	R	1/15	Numeric value of quantity
SDQ09	67 Identification Code	C	AN	2/80	Store Number
SDQ10	380 Quantity	C	R	1/15	Numeric value of quantity
SDQ11	67 Identification Code	C	AN	2/80	Store Number
SDQ12	380 Quantity	C	R	1/15	Numeric value of quantity
SDQ13	67 Identification Code	C	AN	2/80	Store Number
SDQ14	380 Quantity	C	R	1/15	Numeric value of quantity
SDQ15	67 Identification Code	C	AN	2/80	Store Number
SDQ16	380 Quantity	C	R	1/15	Numeric value of quantity
SDQ17	67 Identification Code	C	AN	2/80	Store Number
SDQ18	380 Quantity	C	R	1/15	Numeric value of quantity
SDQ19	67 Identification Code	C	AN	2/80	Store Number
SDQ20	380 Quantity	C	R	1/15	Numeric value of quantity
SDQ21	67 Identification Code	C	AN	2/80	Store Number
SDQ22	380 Quantity	C	R	1/15	Numeric value of quantity

Syntax Rules:

1. If either SDQ05 or SDQ06 is present, then the other is required.
2. If either SDQ07 or SDQ08 is present, then the other is required.
3. If either SDQ09 or SDQ10 is present, then the other is required.
4. If either SDQ11 or SDQ12 is present, then the other is required.
5. If either SDQ13 or SDQ14 is present, then the other is required.
6. If either SDQ15 or SDQ16 is present, then the other is required.
7. If either SDQ17 or SDQ18 is present, then the other is required.
8. If either SDQ19 or SDQ20 is present, then the other is required.
9. If either SDQ21 or SDQ22 is present, then the other is required.

Store Number Note:

- In all instances of Data Element 67, a three digit store number is required; leading zeroes.

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CTT Transaction Totals

Segment: CTT – Transaction Totals	Level: Summary
Loop: CTT	Max Use: 1
	Usage: Optional

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

<u>Ref</u>	<u>Data Element Number & Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Comments</u>
CTT01	354 Number of Line Items	M	NO	1/6	The number of PO1 segments

SE Transaction Set Trailer

Segment: SE – Transaction Set Trailer	Level: Trailer
Loop: N/A	Max Use: 1
	Usage: Mandatory

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.

<u>Ref</u>	<u>Data Element Number & Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Comments</u>
SE01	96 Number of Included Segments	M	NO	1/10	Count of all segments including ST and SE
SE02	329 Transaction Set Control Number	M	AN	4/9	Same number as in ST02

GE Functional Group Trailer

Segment: GE – Functional Group Trailer	Level: Group
Loop: N/A	Max Use: 1
	Usage: Mandatory

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

<u>Ref</u>	<u>Data Element Number & Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Comments</u>
GE01	97 Number of Transaction Sets Included	M	NO	1/6	Count of ST segments within the group
GE02	28 Group Control Number	M	NO	1/9	Same number as in GS06

IEA Interchange Control Trailer

Segment: IEA – Interchange Control Trailer	Level: Envelope
Loop: N/A	Max Use: 1
	Usage: Mandatory

Purpose: To define the end of an interchange of one or more functional groups and interchange related control.

<u>Ref</u>	<u>Data Element Number & Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Comments</u>
IEA01	116 Number of Included Functional Groups	M	NO	1/5	Count of GS segments within transaction
IEA02	112 Interchange Control Number	M	NO	9/9	Same number as in ISA13