Seagate ®

865 Purchase Order Change Acknowledgment/Request - Seller Initiated

X12/V4010/865: 865 Purchase Order Change Acknowledgment/Request - Seller Initiated

Version: 1.0 Draft

Author:	**TIBCO Customer**
Notes:	**Ansi X12 EDI 865 to be used with OEM, Distribution or Retail partners**

Table of Contents

865

Purchase Order Change Acknowledgment/Request - Seller Initiated

Functional Group=CA

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Acknowledgment/Request - Seller Initiated Transaction Set (865) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to convey acceptance or rejection of changes to a previously submitted purchase order by the seller or to notify the buyer of changes initiated by the seller to a previously submitted purchase order by the seller.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
	ISA	Interchange Control Header	M	1			Must use	4
	GS	Functional Group Header	M	1			Must use	6

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
010	ST	Transaction Set Header	M	1			Must use	8
020	BCA	Beginning Segment for Purchase Order Change Acknowledgment	M	1			Must use	9

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
LOOP ID - POC					**>1**			10
010	POC	Line Item Change	M	1			Used	11
LOOP ID - ACK					**104**			13
270	ACK	Line Item Acknowledgment	M	1			Used	14

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
LOOP ID - CTT					**1**	N3/010L		16
010	CTT	Transaction Totals	M	1		N3/010	Used	17
030	SE	Transaction Set Trailer	M	1			Must use	18

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
	GE	Functional Group Trailer	M	1			Must use	19
	IEA	Interchange Control Trailer	M	1			Must use	20

Notes:

3/010L   Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

3/010   Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

ISA Interchange Control Header

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

User Option (Usage): Must use
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Authorization Information

Code	Name
00	No Authorization Information Present (No Meaningful Information in I02)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use

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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Security Information

Code	Name
00	No Security Information Present (No Meaningful Information in I04)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA04	I04	**Security Information**	M	AN	10/10	Must use

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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified
All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use

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

User Note 1: *Seagate Production ISA ID: 098533326*
Seagate Test ISA ID: 098533326TST

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use

Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Description: Date of the interchange

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Description: Time of the interchange

ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Must use

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	Must use

Description: Code specifying the version number of the interchange control segments

<u>Code</u>	<u>Name</u>
00400	Standard Issued as ANSI X12.5-1997

ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Description: Code sent by the sender to request an interchange acknowledgment (TA1)

<u>Code</u>	<u>Name</u>
0	No Acknowledgment Requested

ISA15	I14	**Usage Indicator**	M	ID	1/1	Must use

Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information

<u>Code</u>	<u>Name</u>
P	Production Data
T	Test Data

ISA16	I15	**Component Element Separator**	M		1/1	Must use

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

5

GS **Functional Group Header**

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

User Option (Usage): Must use
Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

Code	Name
CA	Purchase Order Change Acknowledgment/Request - Seller Initiated (865)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use

Description: Code identifying party sending transmission; codes agreed to by trading partners
User Note 1: *Seagate Production GS ID: 098533326*
Seagate Test GS ID: 098533326TST

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use

Description: Code identifying party receiving transmission; codes agreed to by trading partners

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS04	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS05	337	**Time**	M	TM	4/8	Must use

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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS06	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use

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

<div style="border:1px solid black;">

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

</div>

User Option (Usage): Must use
Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

Code	Name
865	Purchase Order Change Acknowledgment/Request - Seller Initiated

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

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).

BCA Beginning Segment for Purchase Order Change Acknowledgment

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

User Option (Usage): Must use
Purpose: To indicate the beginning of the Purchase Order Change Acknowledgment Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCA01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

Code	Name
00	Original

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCA02	587	**Acknowledgment Type**	O	ID	2/2	Used

Description: Code specifying the type of acknowledgment

Code	Name
AC	Acknowledge - With Detail and Change
AD	Acknowledge - With Detail, No Change

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCA03	324	**Purchase Order Number**	M	AN	1/22	Must use

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCA04	328	**Release Number**	O	AN	1/30	Used

Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Semantics:

1. BCA06 is the date assigned by the purchaser to purchase order.
2. BCA09 is the seller's order number.
3. BCA10 is the date assigned by the sender to the acknowledgment.
4. BCA11 is the date of the purchase order change request.
5. BCA12 is the order change acknowledgment date.

Loop POC

Pos: 010	**Repeat: >1**
Mandatory	
Loop: POC	**Elements: N/A**

User Option (Usage): Used
Purpose: To specify changes to a line item

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	POC	Line Item Change	M	1		Used
270		Loop ACK	M		104	Used

POC   Line Item Change

<div style="float:right;border:1px solid black;">

Pos: 010   **Max: 1**
Detail - Mandatory
Loop: POC   **Elements: 13**

</div>

User Option (Usage): Used
Purpose: To specify changes to a line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC01	350	**Assigned Identification**	O	AN	1/20	Used

Description: Alphanumeric characters assigned for differentiation within a transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC02	670	**Change or Response Type Code**	M	ID	2/2	Must use

Description: Code specifying the type of change to the line item

Code	Name
AI	Add Additional Item(s)
CA	Changes To Line Items
PC	Price Change
QD	Quantity Decrease
QI	Quantity Increase

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC03	330	**Quantity Ordered**	O	R	1/15	Used

Description: Quantity ordered

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC04	671	**Quantity Left to Receive**	X	R	1/9	Used

Description: Quantity left to receive as qualified by the unit of measure

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC05	C001	**Composite Unit of Measure**	X	Comp		Used

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code	Name
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage
	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Used

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC06	212	**Unit Price**	X	R	1/17	Used

Description: Price per unit of product, service, commodity, etc.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC07	639	**Basis of Unit Price Code**	O	ID	2/2	Used

Description: Code identifying the type of unit price for an item
All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC08	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)
All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC09	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

| POC10 | 235 | **Product/Service ID Qualifier** | X | ID | 2/2 | Used |

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)
All valid standard codes are used.

| POC11 | 234 | **Product/Service ID** | X | AN | 1/48 | Used |

Description: Identifying number for a product or service

| POC12 | 235 | **Product/Service ID Qualifier** | X | ID | 2/2 | Used |

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)
All valid standard codes are used.

| POC13 | 234 | **Product/Service ID** | X | AN | 1/48 | Used |

Description: Identifying number for a product or service

Syntax Rules:

1. C030405 - If POC03 is present, then POC04 and POC05 are required.
2. C0706 - If POC07 is present, then POC06 is required.
3. P0809 - If either POC08 or POC09   is present, then the other is required.
4. P1011 - If either POC10 or POC11   is present, then the other is required.
5. P1213 - If either POC12 or POC13   is present, then the other is required.
6. P1415 - If either POC14 or POC15   is present, then the other is required.
7. P1617 - If either POC16 or POC17   is present, then the other is required.
8. P1819 - If either POC18 or POC19   is present, then the other is required.
9. P2021 - If either POC20 or POC21   is present, then the other is required.
10. P2223 - If either POC22 or POC23   is present, then the other is required.
11. P2425 - If either POC24 or POC25   is present, then the other is required.
12. P2627 - If either POC26 or POC27   is present, then the other is required.

Semantics:

1. POC01 is the purchase order line item identification.

Loop ACK

Pos: 270   Repeat: 104
Mandatory
Loop: ACK   Elements: N/A

User Option (Usage): Used
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
270	ACK	Line Item Acknowledgment	M	1		Used

ACK Line Item Acknowledgment

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

User Option (Usage): Used
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK01	668	**Line Item Status Code**	M	ID	2/2	Must use

Description: Code specifying the action taken by the seller on a line item requested by the buyer

Code	Name
DR	Item Accepted - Date Rescheduled
IA	Item Accepted
IC	Item Accepted - Changes Made
ID	Item Deleted
IQ	Item Accepted - Quantity Changed

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK02	380	**Quantity**	X	R	1/15	Used

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK03	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code	Name
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK04	374	**Date/Time Qualifier**	O	ID	3/3	Used

Description: Code specifying type of date or time, or both date and time

Code	Name
017	Estimated Delivery
068	Current Schedule Ship

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK05	373	**Date**	X	DT	8/8	Used

Description: Date expressed as CCYYMMDD

Syntax Rules:

1. P0203 - If either ACK02 or ACK03   is present, then the other is required.
2. C0405 - If ACK04 is present, then ACK05 is required.
3. P0708 - If either ACK07 or ACK08   is present, then the other is required.
4. P0910 - If either ACK09 or ACK10   is present, then the other is required.
5. P1112 - If either ACK11 or ACK12   is present, then the other is required.
6. P1314 - If either ACK13 or ACK14   is present, then the other is required.
7. P1516 - If either ACK15 or ACK16   is present, then the other is required.
8. P1718 - If either ACK17 or ACK18   is present, then the other is required.
9. P1920 - If either ACK19 or ACK20   is present, then the other is required.
10. P2122 - If either ACK21 or ACK22   is present, then the other is required.
11. P2324 - If either ACK23 or ACK24   is present, then the other is required.
12. P2526 - If either ACK25 or ACK26   is present, then the other is required.
13. P2728 - If either ACK27 or ACK28   is present, then the other is required.
14. C282729 - If ACK28 is present, then ACK27 and ACK29 are required.

Semantics:

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.

Loop CTT

Pos: 010	**Repeat: 1**
Mandatory	
Loop: CTT	**Elements: N/A**

User Option (Usage): Used
Purpose: To transmit a hash total for a specific element in the transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	CTT	Transaction Totals	M	1		Used

CTT   Transaction Totals

Pos: 010	**Max: 1**
Summary - Mandatory	
Loop: CTT	**Elements: 1**

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use

            Description: Total number of line items in the transaction set

Syntax Rules:

1. P0304 - If either CTT03 or CTT04   is present, then the other is required.
2. P0506 - If either CTT05 or CTT06   is present, then the other is required.

Comments:

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

SE   Transaction Set Trailer

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

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Comments:

1. SE is the last segment of each transaction set.

GE   Functional Group Trailer

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

User Option (Usage): Must use
Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use

Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE02	28	**Group Control Number**	M	N0	1/9	Must use

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): Must use
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use

Description: A count of the number of functional groups included in an interchange

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender