Indigo Books & Music Inc. - Trade Books

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

Version: 1 Final

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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
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BCA	Beginning Segment for Purchase Order Change Acknowledgment	M	1			Must use
LOOP ID - N1					**200**		
300	N1	Name	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - POC					**>1**		
010	POC	Line Item Change	O	1			Must use
LOOP ID - PID					**1000**		
050	PID	Product/Item Description	O	1			Used
LOOP ID - ACK					**104**		
270	ACK	Line Item Acknowledgment	M	1			Must use
LOOP ID - SCH					**200**		
305	SCH	Line Item Schedule	O	1			Used

Summary:

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

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.

User Note 1:

Change History

November 2020:

Changed usage of BCA_02 from Optional/Used to Mandatory Must Use

Changed usage of N1 Loop from Optional to Mandatory

Changed usage of N1_02 from Relational to Optional

Changed usage of N1_03 and 04 from Relational to Mandatory

Changed usage of POC_01,02,03,04 and POC05_01 to Mandatory

Changed usage PID_05 from Relational to Mandatory

Changed usage of ACK segment to Mandatory

July 2024:

Add Usage Note for POC_02. Indigo only expects the DI - Delete Item (s) to be transmitted.

ISA   Interchange Control Header

Pos:	Max: 1
Not Defined - 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
All valid standard codes are used. (Total Codes: 7)

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
All valid standard codes are used. (Total Codes: 2)

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. (Total Codes: 38)

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

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

CodeList Summary (Total Codes: 38, Included: 1)

Code	Name
12	Phone (Telephone Companies)

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

User Note 1:
4163644499

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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. (Total Codes: 1)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

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

CodeList Summary (Total Codes: 14, Included: 1)

Code	Name
00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Description: Code sent by the sender to request an interchange acknowledgment (TA1)
All valid standard codes are used. (Total Codes: 2)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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
All valid standard codes are used. (Total Codes: 3)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

GS   Functional Group Header

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

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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

CodeList Summary (Total Codes: 240, Included: 1)

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

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

User Note 1:
4163644499

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

All valid standard codes are used. (Total Codes: 2)

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

CodeList Summary (Total Codes: 39, Included: 1)

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): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

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

> **Description:** Code uniquely identifying a Transaction Set
>
> **CodeList Summary** (Total Codes: 298, Included: 1)
>
> **<u>Code</u> <u>Name</u>**
>
> 865   Purchase Order Change Acknowledgment/Request - Seller Initiated

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

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

CodeList Summary (Total Codes: 65, Included: 3)

Code	Name
06	Confirmation
12	Not Processed
CO	Corrected

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCA02	587	**Acknowledgment Type**	M	ID	2/2	Must use

Description: Code specifying the type of acknowledgment

CodeList Summary (Total Codes: 15, Included: 2)

Code	Name
AC	Acknowledge - With Detail and Change
RJ	Rejected - No Detail

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
BCA06	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Semantics:

1. BCA06 is the date assigned by the purchaser to purchase order.

Loop Name

Pos: 300	Repeat: 200
Mandatory	
Loop: N1	**Elements: N/A**

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
300	N1	Name	M	1		Must use

N1   Name

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Pos: 300   **Max: 1**

Heading - Mandatory

Loop: N1   Elements: 4

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User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1312, Included: 3)

Code	Name
BT	Bill-to-Party
ST	Ship To
VN	Vendor

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	O	AN	1/60	Used

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	M	ID	1/2	Must use

Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 215, Included: 1)

Code	Name
15	Standard Address Number (SAN)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/80	Must use

Description: Code identifying a party or other code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

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.

Loop Line Item Change

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

User Option (Usage): Must use

Purpose: To specify changes to a line item

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	POC	Line Item Change	O	1		Must use
050		Loop PID	O		1000	Used
270		Loop ACK	M		104	Must use
305		Loop SCH	M		200	Must use

POC   Line Item Change

Pos: 010	**Max: 1**
Detail - Optional	
Loop: POC	**Elements: 11**

User Option (Usage): Must use

Purpose: To specify changes to a line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC01	350	**Assigned Identification**	M	AN	1/20	Must use

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

CodeList Summary (Total Codes: 29, Included: 2)

Code	Name
DI	Delete Item(s)
RC	Reject Item Change

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC03	330	**Quantity Ordered**	M	R	1/15	Must use

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**	M	Comp		Must use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC05-01	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

CodeList Summary (Total Codes: 794, Included: 1)

Code	Name
EA	Each

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)

CodeList Summary (Total Codes: 477, Included: 4)

Code	Name
EN	European Article Number (EAN) (2-5-5-1)
IB	International Standard Book Number (ISBN)
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UP	U.P.C. Consumer Package Code (1-5-5-1)

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC10	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 478, Included: 6)

Code	Name
EN	European Article Number (EAN) (2-5-5-1)
IB	International Standard Book Number (ISBN)
MG	Manufacturer's Part Number
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UP	U.P.C. Consumer Package Code (1-5-5-1)
VN	Vendor's (Seller's) Item Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC11	234	**Product/Service ID**	X	AN	1/48	Must use

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC12	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 478, Included: 6)

Code	Name
EN	European Article Number (EAN) (2-5-5-1)
IB	International Standard Book Number (ISBN)
MG	Manufacturer's Part Number
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UP	U.P.C. Consumer Package Code (1-5-5-1)
VN	Vendor's (Seller's) Item Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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.

Semantics:

1. POC01 is the purchase order line item identification.

Loop Product/Item Description

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Pos: 050   Repeat: 1000

Optional

Loop: PID   Elements: N/A

</div>

User Option (Usage): Used

Purpose: To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
050	PID	Product/Item Description	O	1		Used

PID   Product/Item Description

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

User Option (Usage): Used
Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use

Description: Code indicating the format of a description

CodeList Summary (Total Codes: 3, Included: 1)

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID05	352	**Description**	X	AN	1/80	Must use

Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

1. R0405 - At least one of PID04 or PID05 is required.

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.

Loop Line Item Acknowledgment

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

User Option (Usage): Must use

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		Must use

ACK Line Item Acknowledgment

Pos: 270   Max: 1
Detail - Mandatory
Loop: ACK   Elements: 10

User Option (Usage): Must use

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

CodeList Summary (Total Codes: 26, Included: 2)

Code	Name
IA	Item Accepted
ID	Item Deleted

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK02	380	**Quantity**	M	R	1/15	Must use

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK03	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

CodeList Summary (Total Codes: 794, Included: 2)

Code	Name
EA	Each
UN	Unit

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK07	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)

CodeList Summary (Total Codes: 477, Included: 3)

Code	Name
AI	Alternate ISBN
RR	Replacement Product Number
SR	Substitute Product Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK08	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK09	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)

CodeList Summary (Total Codes: 477, Included: 3)

Code	Name
AI	Alternate ISBN
RR	Replacement Product Number

Code Name

SR   Substitute Product Number

ACK10	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

ACK27	559	**Agency Qualifier Code**	X	ID	2/2	Used

Description: Code identifying the agency assigning the code values

CodeList Summary (Total Codes: 176, Included: 1)

Code Name

BI   Book Industry Systems Advisory Committee

ACK28	822	**Source Subqualifier**	X	AN	1/15	Used

Description: A reference that indicates the table or text maintained by the Source Qualifier

ACK29	1271	**Industry Code**	X	AN	1/30	Used

Description: Code indicating a code from a specific industry code list

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 Line Item Schedule

Pos: 305	Repeat: 200
Mandatory	
Loop: SCH	**Elements: N/A**

User Option (Usage): Must use

Purpose: To specify the data for scheduling a specific line-item

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
305	SCH	Line Item Schedule	O	1		Used

SCH   Line Item Schedule

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Pos: 305   **Max: 1**

Detail - Optional

Loop: SCH   Elements: 6

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User Option (Usage): Used

Purpose: To specify the data for scheduling a specific line-item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SCH01	380	**Quantity**	M	R	1/15	Must use

Description: Numeric value of quantity

SCH02	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

CodeList Summary (Total Codes: 794, Included: 2)

Code	Name
EA	Each
UN	Unit

SCH03	98	**Entity Identifier Code**	O	ID	2/3	Used

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1312, Included: 1)

Code	Name
SF	Ship From

SCH04	93	**Name**	X	AN	1/60	Must use

Description: Free-form name

SCH05	374	**Date/Time Qualifier**	M	ID	3/3	Must use

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

CodeList Summary (Total Codes: 1112, Included: 2)

Code	Name
067	Current Schedule Delivery
068	Current Schedule Ship

SCH06	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Syntax Rules:

1. C0304 - If SCH03 is present, then SCH04 is required.

Comments:

1. SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Loop Transaction Totals

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

User Option (Usage): Must use

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		Must use

CTT Transaction Totals

<table>
<tr><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="2">Summary - Mandatory</td></tr>
<tr><td>Loop: CTT</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Must use

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

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.