855 Purchase Order Acknowledgment

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Functional Group=PR

Purpose: This X12 Transaction Set 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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use
0500	REF	Reference Information	M	2			Must use
LOOP ID - SAC					**7**		
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	1			Used
1500	DTM	Date/Time Reference	O	1			Used
LOOP ID - N9					**5**		
2800	N9	Extended Reference Information	M	1			Must use
2900	MTX	Text	M	>1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**	**N2/0100L**	
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use
LOOP ID - PID					**2**		
0500	PID	Product/Item Description	M	1			Must use
LOOP ID - SAC					**25**		
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
LOOP ID - ACK					**104**		
2700	ACK	Line Item Acknowledgment	M	1			Must use
LOOP ID - N9					**10**		
3500	N9	Extended Reference Information	M	1			Must use
3600	MTX	Text	M	>1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/0100L**	
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0300	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/0100L   PO102 is required.

2/0100   PO102 is required.

3/0100L   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.

3/0100   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.

General Usage:

The POA information will be used to provide Sally Beauty Supply with visibility of the order within the trading partner's systems/order fulfillment process; this includes reporting on the status of the order and any discrepancies on the order. Sally Beauty Supply will also use this information to assist with managing the buyers Open to Buy.

Purchase Order Acknowledgements will be sent by the trading partners for all electronically created orders.

Trading partners will be required to send a POA for each PO and indicate –

o   Acceptance of the entire order requirements "As-is"
o   Rejection of the entire order requirements
o   Report any exceptions or requested changes at the header or item level.

The trading partners will use this document to confirm receipt of orders, content acceptance, and confirmation of Requested Ship and/or Delivery Date of the Purchase order and report any errors in the PO such as product information or price.

The Trading Partners are required to send an 855 within 48 hours of the receipt of the order

Sally Beauty Supply will support and expect the Suppliers to provide updates to the status of the order throughout the order life cycle as an additional step for Supplier collaboration. Sally Beauty Supply will use this information to set expectations on product availability and determine if updates to the order are required

Change History:

09/19/2019
-Added the line level SAC segment.

04/08/2021
-Updated SAC02 list

ST Transaction Set Header

<table>
<tr><td>Pos: 0100</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

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

CodeList Summary (Total Codes: 318, Included: 1)

Code	Name
855	Purchase Order Acknowledgment

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

2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BAK Beginning Segment for Purchase Order Acknowledgment

<table>
<tr><td>Pos: 0200</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 5</td></tr>
</table>

User Option (Usage): Must use

Purpose: To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 66, Included: 1)

Code	Name
00	Original

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK02	587	**Acknowledgment Type**	M	ID	2/2	Must use

Description: Code specifying the type of acknowledgment

User Note 1:
Vendor Notes:
AC-Used when the PO is accepted, but there are changes to some or all items.
AK- Used when all items are accepted and no details are provided.
AD- Used when all items are accepted and item details are provided.
RD- Used when all items are rejected and details are provided
RJ-Used when all items are rejected and no details are provided.

CodeList Summary (Total Codes: 15, Included: 5)

Code	Name
AC	Acknowledge - With Detail and Change
AD	Acknowledge - With Detail, No Change
AK	Acknowledge - No Detail or Change
RD	Reject with Detail
RJ	Rejected - No Detail

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK03	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
BAK04	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

User Note 1: *Purchase Order Date*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK09	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

User Note 1: *PO Acknowledgement Date*

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.

REF   Reference Information

<table>
<tr><td>**Pos: 0500**</td><td>**Max: 2**</td></tr>
<tr><td colspan="2">**Heading - Mandatory**</td></tr>
<tr><td>**Loop: N/A**</td><td>**Elements: 2**</td></tr>
</table>

User Option (Usage): Must use
Purpose: 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	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1731, Included: 2)

<u>Code</u>	<u>Name</u>
CO	Customer Order Number

User Note 1:

Conditional - Sent with DropShip

IA	Internal Vendor Number

User Note 1:

Mandatory

REF02	127	**Reference Identification**	M	AN	1/50	Must use

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

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

Semantics:

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

Loop Service, Promotion, Allowance, or Charge Information

Pos: 1200	Repeat: 7
Optional	
Loop: SAC	**Elements: N/A**

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

User Note 1:

When the SAC segment is sent on the 850 or 860, it should be echoed back or updated on the purchase order acknowledgement.

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1200	**Max: 1**
Heading - Optional	
Loop: SAC	**Elements: 4**

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator**	M	ID	1/1	Must use

Description: Code which indicates an allowance or charge for the service specified

CodeList Summary (Total Codes: 7, Included: 2)

Code	Name
A	Allowance
C	Charge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	M	ID	4/4	Must use

Description: Code identifying the service, promotion, allowance, or charge

CodeList Summary (Total Codes: 1090, Included: 15)

Code	Name
A260	Advertising Allowance
B840	Customer Account Identification
B870	Customs Charge
C000	Defective Allowance
C220	Development Charge
D170	Free Goods
D240	Freight
D242	Freight, International
D530	Hazardous Cargo Charge
F800	Promotional Allowance
F970	Rebate
G290	Regulatory Fee
I170	Trade Discount
X014	Prepaid Amount
ZZZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC05	610	**Amount**	M	N2	1/15	Must use

Description: Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC15	352	**Description**	O	AN	1/80	Used

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

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300	Max: 1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

Purpose: To specify terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD03	338	**Terms Discount Percent**	O	R	1/6	Used

Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

User Note 1: ITD03 is required if ITD05 is sent.

| ITD05 | 351 | **Terms Discount Days Due** | X | N0 | 1/3 | Used |

Description: Number of days in the terms discount period by which payment is due if terms discount is earned

User Note 1: ITD05 is required if ITD03 is sent.

| ITD12 | 352 | **Description** | M | AN | 1/80 | Must use |

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

User Note 1:

Send on the POAck only if requested changes from the PO

DTM Date/Time Reference

<div>

Pos: 1500   Max: 1
Heading - Optional
Loop: N/A   Elements: 2

</div>

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	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: 1280, Included: 1)

Code	Name
002	Delivery Requested

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Syntax Rules:

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

User Note 1:

Please send if changes from the Dates on the PO

Loop Extended Reference Information

Pos: 2800	Repeat: 5
Conditional	
Loop: N9	**Elements: N/A**

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
2800	N9	Extended Reference Information	M	1		Must use
2900	MTX	Text	M	>1		Must use

User Note 1:

The N9 Notes must be sent if the BAK02 = RD or RJ

N9 Extended Reference Information

<table>
<tr><td>Pos: 2800</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N9</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1731, Included: 1)

Code	Name
L1	Letters or Notes

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Identification**	M	AN	1/50	Must use

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

User Note 1:
GEN: General Note

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

User Note 1:

Please send a note if the entire PO is being rejected

MTX Text

Pos: 2900	**Max: >1**
Heading - Mandatory	
Loop: N9	**Elements: 1**

User Option (Usage): Must use
Purpose: To specify textual data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MTX02	1551	**Textual Data**	M	AN	1/4096	Must use

    Description: To transmit large volumes of message text

    User Note 1: *If an order is being rejected, a note indicating why is required*

Loop Baseline Item Data

Pos: 0100	**Repeat: 100000**
Conditional	
Loop: PO1	**Elements: N/A**

User Option (Usage): Used

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	PO1	Baseline Item Data	M	1		Must use
0500		Loop PID	M		2	Must use
1300		Loop SAC	O		25	Used
2700		Loop ACK	M		104	Must use
3500		Loop N9	C		10	Used

User Note 1:

The PO1 loop is Mandatory unless BAK02 = AK or RJ

PO1   Baseline Item Data

<table>
<tr><td>Pos: 0100</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Mandatory</td></tr>
<tr><td>Loop: PO1</td><td>Elements: 10</td></tr>
</table>

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	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
PO102	380	**Quantity**	O	R	1/15	Used

Description: Numeric value of quantity

User Note 1: *Original PO order qty*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO103	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

CodeList Summary (Total Codes: 844, Included: 1)

Code	Name
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO104	212	**Unit Price**	C	R	1/17	Used

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

User Note 1: *Required if ACK01=IP*
Updated price if different from original

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO106	235	**Product/Service ID Qualifier**	M	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: 519, Included: 1)

Code	Name
BP	Buyer's Part Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO107	234	**Product/Service ID**	M	AN	1/48	Must use

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO108	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: 519, Included: 2)

Code	Name
UP	UCC - 12
VP	Vendor's (Seller's) Part Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO109	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
PO110	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: 519, Included: 2)

Code	Name
UP	UCC - 12
VP	Vendor's (Seller's) Part Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO111	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.

Semantics:

1. PO102 is quantity ordered.

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.

Loop Product/Item Description

<table>
<tr><td>Pos: 0500</td><td>Repeat: 2</td></tr>
<tr><td colspan="2" align="center">Mandatory</td></tr>
<tr><td>Loop: PID</td><td>Elements: N/A</td></tr>
</table>

User Option (Usage): Must use

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	PID	Product/Item Description	M	1		Must use

PID Product/Item Description

User Option (Usage): Must use

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
PID02	750	**Product/Process Characteristic Code**	M	ID	2/3	Must use

Description: Code identifying the general class of a product or process characteristic

CodeList Summary (Total Codes: 238, Included: 1)

Code	Name
08	Product

> **User Note 1:**
> *Item Description*

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

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

Loop Service, Promotion, Allowance, or Charge Information

Pos: 1300	Repeat: 25
	Optional
Loop: SAC	Elements: N/A

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

User Note 1:

When the SAC segment is sent on the 850 or 860, it should be echoed back or updated on the purchase order acknowledgement.

SAC Service, Promotion, Allowance, or Charge Information

<table>
<tr><td>Pos: 1300</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: SAC</td><td>Elements: 4</td></tr>
</table>

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator**	M	ID	1/1	Must use

Description: Code which indicates an allowance or charge for the service specified

CodeList Summary (Total Codes: 7, Included: 2)

Code	Name
A	Allowance
C	Charge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	M	ID	4/4	Must use

Description: Code identifying the service, promotion, allowance, or charge

CodeList Summary (Total Codes: 1090, Included: 15)

Code	Name
A260	Advertising Allowance
B840	Customer Account Identification
B870	Customs Charge
C000	Defective Allowance
C220	Development Charge
D170	Free Goods
D240	Freight
D242	Freight, International
D530	Hazardous Cargo Charge
F800	Promotional Allowance
F970	Rebate
G290	Regulatory Fee
I170	Trade Discount
X014	Prepaid Amount
ZZZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC05	610	**Amount**	C	N2	1/15	Used

Description: Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC15	352	**Description**	O	AN	1/80	Used

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

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Loop Line Item Acknowledgment

Pos: 2700	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
2700	ACK	Line Item Acknowledgment	M	1		Must use

ACK Line Item Acknowledgment

<table>
<tr><td colspan="2">Pos: 2700   Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Mandatory</td></tr>
<tr><td>Loop: ACK</td><td>Elements: 5</td></tr>
</table>

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: 6)

Code	Name
DR	Item Accepted - Date Rescheduled
IA	Item Accepted
IB	Item Backordered
IP	Item Accepted - Price Changed

User Note 1:

If the price has changed new price sent in UnitPrice PO104

Code	Name
IQ	Item Accepted - Quantity Changed
IR	Item Rejected

User Note 1:

If used, please include a note why in the MTX02 of the

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

Description: Numeric value of quantity

User Note 1:
Required if ACK01 = IB or IQ.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK03	355	**Unit or Basis for Measurement Code**	C	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

CodeList Summary (Total Codes: 844, Included: 1)

Code	Name
EA	Each

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

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

User Note 1:
Required if ACK01 = DR or IB.

CodeList Summary (Total Codes: 1280, Included: 1)

Code	Name
068	Current Schedule Ship

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

Description: Date expressed as CCYYMMDD where CC represents the first two digits of

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
		the calendar year				

User Note 1:
Required if ACK01 = DR or IB.

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 Extended Reference Information

Pos: 3500	**Repeat: 10**
Conditional	
Loop: N9	**Elements: N/A**

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3500	N9	Extended Reference Information	M	1		Must use
3600	MTX	Text	M	>1		Must use

User Note 1:

Required to be sent if the ACK01 = IR

N9 Extended Reference Information

<table>
<tr><td>Pos: 3500</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Mandatory</td></tr>
<tr><td>Loop: N9</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1731, Included: 1)

Code	Name
L1	Letters or Notes

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Identification**	M	AN	1/50	Must use

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

User Note 1: *GEN- General - Please include a note as to why if rejecting an order line*

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

MTX Text

Pos: 3600	**Max: >1**
Detail - Mandatory	
Loop: N9	**Elements: 1**

User Option (Usage): Must use
Purpose: To specify textual data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MTX02	1551	**Textual Data**	M	AN	1/4096	Must use

Description: To transmit large volumes of message text

User Note 1:
If an item is being rejected, a note indicating why is required.

If an item is being substituted, the substituted item must be noted in the MTX segment.

Loop Transaction Totals

Pos: 0100   Repeat: 1
Optional
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
0100	CTT	Transaction Totals	O	1		Used

CTT Transaction Totals

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**	O	N0	1/6	Used

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

<table>
<tr><td>Pos: 0300</td><td>Max: 1</td></tr>
<tr><td colspan="2">Summary - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

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.