

Vallen Distribution, Inc. 855 Purchase Order Acknowledgment

X12/V4010/855 : 855 Purchase Order Acknowledgment

| | |
|---------------------|----------------------------------|
| Author: | SPS Commerce |
| Company: | Vallen Distribution, Inc. |
| Publication: | 10/5/2020 |
| Modified: | 5/18/2021 |

Table of Contents

| | |
|--|-----------|
| 855 Purchase Order Acknowledgment | 1 |
| ST Transaction Set Header | 2 |
| BAK Beginning Segment for Purchase Order Acknowledgment | 3 |
| REF Reference Identification | 5 |
| DTM Date/Time Reference | 6 |
| PO1 Loop Baseline Item Data | 7 |
| PO1 Baseline Item Data | 8 |
| PID Loop Product/Item Description | 15 |
| PID Product/Item Description | 16 |
| ACK Loop Line Item Acknowledgment | 17 |
| ACK Line Item Acknowledgment | 18 |
| CTT Loop Transaction Totals | 24 |
| CTT Transaction Totals | 25 |
| SE Transaction Set Trailer | 26 |

855 Purchase Order Acknowledgment

Functional Group=PR

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.

Heading:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> |
|------------|-----------|---|------------|----------------|---------------|--------------|--------------|
| 010 | ST | Transaction Set Header | M | 1 | | | Must use |
| 020 | BAK | Beginning Segment for Purchase Order Acknowledgment | M | 1 | | | Must use |
| 050 | REF | Reference Identification | M | 2 | | | Must use |
| 150 | DTM | Date/Time Reference | O | 1 | | | Used |

Detail:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> |
|----------------------|-----------|--------------------------|------------|----------------|---------------|----------------|--------------|
| LOOP ID - PO1 | | | | | 100000 | N2/010L | |
| 010 | PO1 | Baseline Item Data | M | 1 | | N2/010 | Must use |
| LOOP ID - PID | | | | | 1 | | |
| 050 | PID | Product/Item Description | M | 1 | | | Must use |
| LOOP ID - ACK | | | | | 1 | | |
| 270 | ACK | Line Item Acknowledgment | M | 1 | | | Must use |

Summary:

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

Notes:

2/010L PO102 is required.

2/010 PO102 is required.

3/010L 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.

3/010 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.

User Note 1:

Vallen Distribution, Inc. expects vendors to provide an 855 within 24 hours of receipt of the order

Change History

05/18/2021 - Changed PO107 from mandatory to conditionally required when sent on the PO (EDI 850)

04/09/2021

- Updated header DTM to optional

- Updated ACK05 (ACK04 = 068) to mandatory, except when ACK01 = IR. Removed ACK04 = 067

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> | <u>Element Name</u> | <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)

Code Name

855 Purchase Order Acknowledgment

| | | | | | | |
|------|-----|--------------------------------|---|----|-----|----------|
| 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).

BAK Beginning Segment for Purchase Order Acknowledgment

| | |
|---------------------|-------------|
| Pos: 020 | Max: 1 |
| Heading - Mandatory | |
| Loop: N/A | Elements: 5 |

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:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|------------------------------|------------|-------------|----------------|--------------|
| BAK01 | 353 | Transaction Set Purpose Code | M | ID | 2/2 | Must use |

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 1)

Code Name

00 Original

| | | | | | | |
|-------|-----|---------------------|---|----|-----|----------|
| BAK02 | 587 | Acknowledgment Type | M | ID | 2/2 | Must use |
|-------|-----|---------------------|---|----|-----|----------|

Description: Code specifying the type of acknowledgment

User Note 1:

AC-Used when the PO is accepted, but there are changes to some or all items.

AD- Used when all items are accepted.

RD- Used when all items are rejected.

CodeList Summary (Total Codes: 15, Included: 4)

Code Name

AC Acknowledge - With Detail and Change

User Note 1:

PO1 and ACK segments are required

AD Acknowledge - With Detail, No Change

User Note 1:

PO1 and ACK segments are required

AE Acknowledge - With Exception Detail Only

User Note 1:

PO1 and ACK segments are required

RD Reject with Detail

User Note 1:

PO1 and ACK segments are required

| | | | | | | |
|-------|-----|-----------------------|---|----|------|----------|
| BAK03 | 324 | Purchase Order Number | M | AN | 1/22 | Must use |
|-------|-----|-----------------------|---|----|------|----------|

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

| | | | | | | |
|-------|-----|------|---|----|-----|----------|
| BAK04 | 373 | Date | M | DT | 8/8 | Must use |
|-------|-----|------|---|----|-----|----------|

Description: Date expressed as CCYYMMDD

User Note 1: *Purchase Order Date*

| | | | | | | |
|-------|-----|------|---|----|-----|----------|
| BAK09 | 373 | Date | M | DT | 8/8 | Must use |
|-------|-----|------|---|----|-----|----------|

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
|------------|-----------|---------------------|------------|-------------|----------------|--------------|

Description: Date expressed as CCYYMMDD

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 Identification

| | |
|---------------------|-------------|
| Pos: 050 | Max: 2 |
| Heading - Mandatory | |
| Loop: N/A | Elements: 2 |

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: 1503, Included: 2)

Code Name

CO Customer Order Number

User Note 1:

Return if present on the order (850/860)

IA Internal Vendor Number

User Note 1:

Mandatory

Return value sent on the order (850/860)

| | | | | | | |
|-------|-----|--------------------------|---|----|------|----------|
| REF02 | 127 | Reference Identification | M | AN | 1/30 | 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.

DTM Date/Time Reference

| | |
|--------------------|-------------|
| Pos: 150 | Max: 1 |
| Heading - Optional | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| 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: 1112, Included: 1)

Code Name

068 Current Schedule Ship

| | | | | | | |
|-------|-----|------|---|----|-----|----------|
| DTM02 | 373 | Date | M | DT | 8/8 | Must use |
|-------|-----|------|---|----|-----|----------|

Description: Date expressed as CCYYMMDD

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

PO1 Baseline Item Data

Pos: 010 Max: 1
 Detail - Mandatory
 Loop: PO1 Elements: 11

User Option (Usage): Must use

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

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--------------------------------|------------|-------------|----------------|--------------|
| PO101 | 350 | Assigned Identification | M | AN | 1/20 | Must use |

Description: Alphanumeric characters assigned for differentiation within a transaction set

User Note 1: *Must match value sent on the Order (850/860)*

| | | | | | | |
|-------|-----|-------------------------|---|---|------|----------|
| PO102 | 330 | Quantity Ordered | M | R | 1/15 | Must use |
|-------|-----|-------------------------|---|---|------|----------|

Description: Quantity ordered

| | | | | | | |
|-------|-----|---|---|----|-----|----------|
| PO103 | 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: 210)

| <u>Code</u> | <u>Name</u> |
|-------------|---------------------|
| AS | Assortment |
| AY | Assembly |
| B1 | Box |
| BA | Bale |
| BB | Base Box |
| BC | Bucket |
| BD | Bundle |
| BE | Blade |
| BF | Board Feet |
| BG | Bag |
| BH | Brush |
| BI | Bar |
| BJ | Band |
| BK | Book |
| BL | Block |
| BN | Bulk |
| BO | Bottle |
| BR | Barrel |
| BT | Belt |
| BU | Bushel |
| BX | Box |
| C4 | Carload |
| CA | Case |
| CB | Carboy |
| CC | Cubic Centimeter |
| CD | Carat |
| CE | Centigrade, Celsius |

| <u>Code</u> | <u>Name</u> |
|--------------------|----------------------|
| CF | Cubic Feet |
| CG | Card |
| CH | Container |
| CI | Cubic Inches |
| CJ | Cone |
| CK | Connector |
| CL | Cylinder |
| CM | Centimeter |
| CN | Can |
| CO | Coil |
| CP | Crate |
| CQ | Cartridge |
| CR | Cubic Meter |
| CS | Cassette |
| CT | Carton |
| CU | Cup |
| CV | Cover |
| CW | Hundred Pounds (CWT) |
| CX | Cost |
| CY | Cubic Yard |
| CZ | Combo |
| DA | Days |
| DC | Decigram |
| DE | Deal |
| DI | Disc |
| DK | Kilometers |
| DL | Deciliter |
| DM | Decimeter |
| DN | Dozen |
| DO | Dollars, U.S. |
| DP | Dispenser |
| DR | Drum |
| DS | Display |
| DZ | Dozen |
| EA | Each |
| EP | Eleven pack |
| EV | Envelope |
| F2 | Square Foot |
| FA | Fahrenheit |
| FO | Fluid Ounce |
| FP | Pounds per Sq. Ft. |
| FT | Foot |
| GA | Gallon |
| GI | Imperial Gallons |
| GL | Gallon |
| GM | Grams per Sq. Meter |
| GR | Gram |

| <u>Code</u> | <u>Name</u> |
|-------------|--------------------------------|
| GS | Gross |
| GY | Gross Yard |
| HA | Hank 100ft of Rope |
| HC | Hundred Count |
| HD | Half Dozen |
| HG | Hectogram |
| HR | Hours |
| HU | Hundred |
| IC | Increment |
| IN | Inch |
| JB | Jumbo |
| JG | Jug |
| JO | Joint |
| JR | Jar |
| JU | Jug |
| KA | Can |
| KE | Keg |
| KG | Kilogram |
| KH | Kilowatt Hour |
| KI | Kit |
| KT | Kit |
| KV | Kelvin |
| KW | Kilograms per Millimeter |
| LB | Pound |
| LC | Linear Centimeter |
| LF | Linear Foot |
| LG | Log |
| LH | Labor Hours |
| LI | Linear Inch |
| LK | Link |
| LM | Linear Meter |
| LN | Length |
| LO | Lot |
| LP | Pounds Per Cubic Inch |
| LR | Layer(s) |
| LS | Lump Sum |
| LT | Liter |
| LY | Linear Yard |
| MA | Machine/Unit |
| MB | Minimum Buying Unit |
| MC | Master Case |
| ME | Milligram |
| MF | Milligrams Per Sq Ft. Per Side |
| MG | Metric Gross Ton |
| MI | Milligrams Per Sq Inch |
| ML | Milliliter |
| MM | Millimeter |

| <u>Code</u> | <u>Name</u> |
|-------------|---------------------------|
| MN | Metric Net Ton |
| MO | Months |
| MR | Meter |
| MS | Square Millimeter |
| MT | Metric Long Ton |
| MU | Minutes |
| MV | Monetary Value |
| MX | Mixed |
| NB | Barge |
| NC | Car |
| NL | Load |
| NN | Train |
| NR | Container |
| NT | Trailer |
| NV | Vehicle |
| OP | Two pack |
| OZ | Ounce - Av |
| P1 | Each |
| P3 | Three pack |
| P4 | Four-pack |
| P5 | Five-pack |
| P6 | Six pack |
| P7 | Seven pack |
| P8 | Eight-pack |
| P9 | Nine pack |
| PA | Pail |
| PC | Piece |
| PD | Pad |
| PE | Pounds Equivalent |
| PF | Pallet (Lift) |
| PG | Pounds (Gross) |
| PH | Pack (PAK) |
| PI | Pounds Per Inch of Length |
| PK | Pack |
| PL | Pallet/Unit Load |
| PN | Pounds Net |
| PP | Plate |
| PR | Pair |
| PS | Pounds per Sq. Inch |
| PT | Pint |
| PW | Pounds per Inch of Width |
| QD | Quarter Dozen |
| QR | Quire |
| QT | Quart |
| RD | Rod |
| RE | Reel |
| RL | Roll |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| | | Description: Code identifying the type of unit price for an item | | | | |
| | | CodeList Summary (Total Codes: 91, Included: 1) | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | UM Price per Unit of Measure | | | | |
| PO106 | 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: 1) | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | BP Buyer's Part Number | | | | |
| PO107 | 234 | Product/Service ID | C | AN | 1/48 | Used |
| | | Description: Identifying number for a product or service | | | | |
| | | User Note 1: | | | | |
| | | <i>Conditionally required when sent on the PO (EDI 850)</i> | | | | |
| 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: 477, Included: 2) | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | MG Manufacturer's Part Number | | | | |
| | | VC Vendor's (Seller's) Catalog Number | | | | |
| PO109 | 234 | Product/Service ID | X | AN | 1/48 | Used |
| | | Description: Identifying number for a product or service | | | | |
| 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: 477, Included: 2) | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | MG Manufacturer's Part Number | | | | |
| | | VC Vendor's (Seller's) Catalog Number | | | | |
| 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.
6. P1213 - If either PO112 or PO113 is present, then the other is required.

7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.
11. P2223 - If either PO122 or PO123 is present, then the other is required.
12. P2425 - If either PO124 or PO125 is present, then the other is required.

Comments:

- 1.

Loop Product/Item Description

| | |
|-----------|---------------|
| Pos: 050 | Repeat: 1 |
| Mandatory | |
| Loop: PID | Elements: N/A |

User Option (Usage): Must use

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

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> |
|------------|-----------|--------------------------|------------|----------------|---------------|--------------|
| 050 | PID | Product/Item Description | M | 1 | | Must use |

PID Product/Item Description

| | |
|--------------------|-------------|
| Pos: 050 | Max: 1 |
| Detail - Mandatory | |
| Loop: PID | Elements: 3 |

User Option (Usage): Must use

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

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> |
|------------|-----------|-----------------------|------------|-------------|----------------|--------------|
| 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

| | | | | | | |
|-------|-----|-------------------------------------|---|----|-----|----------|
| 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: 217, Included: 1)

Code Name

08 Product

| | | | | | | |
|-------|-----|-------------|---|----|------|----------|
| PID05 | 352 | Description | M | AN | 1/80 | Must use |
|-------|-----|-------------|---|----|------|----------|

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

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

- 1.

Loop Line Item Acknowledgment

| | |
|-----------|---------------|
| Pos: 270 | Repeat: 1 |
| 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:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Usage</u> |
|------------|-----------|--------------------------|------------|----------------|---------------|--------------|
| 270 | ACK | Line Item Acknowledgment | M | 1 | | Must use |

ACK Line Item Acknowledgment

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

User Option (Usage): Must use

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

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|-----------------------|------------|-------------|----------------|--------------|
| 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 ACK01 = IP, the new price for this item must be sent in PO104

- IQ Item Accepted - Quantity Changed
- IR Item Rejected

| | | | | | | |
|-------|-----|----------|---|---|------|------|
| ACK02 | 380 | Quantity | C | R | 1/15 | Used |
|-------|-----|----------|---|---|------|------|

Description: Numeric value of quantity

User Note 1: Required if itemStatusCode (ACK01) is IB or IQ

| | | | | | | |
|-------|-----|------------------------------------|---|----|-----|------|
| 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

User Note 1: Required if itemStatusCode (ACK01) is IB or IQ

CodeList Summary (Total Codes: 794, Included: 210)

Code Name

- AS Assortment
- AY Assembly
- B1 Box
- BA Bale
- BB Base Box
- BC Bucket
- BD Bundle
- BE Blade
- BF Board Feet
- BG Bag
- BH Brush
- BI Bar
- BJ Band
- BK Book

| <u>Code</u> | <u>Name</u> |
|--------------------|----------------------|
| BL | Block |
| BN | Bulk |
| BO | Bottle |
| BR | Barrel |
| BT | Belt |
| BU | Bushel |
| BX | Box |
| C4 | Carload |
| CA | Case |
| CB | Carboy |
| CC | Cubic Centimeter |
| CD | Carat |
| CE | Centigrade, Celsius |
| CF | Cubic Feet |
| CG | Card |
| CH | Container |
| CI | Cubic Inches |
| CJ | Cone |
| CK | Connector |
| CL | Cylinder |
| CM | Centimeter |
| CN | Can |
| CO | Coil |
| CP | Crate |
| CQ | Cartridge |
| CR | Cubic Meter |
| CS | Cassette |
| CT | Carton |
| CU | Cup |
| CV | Cover |
| CW | Hundred Pounds (CWT) |
| CX | Cost |
| CY | Cubic Yard |
| CZ | Combo |
| DA | Days |
| DC | Decigram |
| DE | Deal |
| DI | Disk |
| DK | Kilometers |
| DL | Deciliter |
| DM | Decimeter |
| DN | Dozen |
| DO | Dollars, U.S. |
| DP | Dispenser |
| DR | Drum |
| DS | Display |
| DZ | Dozen |

| <u>Code</u> | <u>Name</u> |
|--------------------|--------------------------|
| EA | Each |
| EP | Eleven pack |
| EV | Envelope |
| F2 | Square Foot |
| FA | Fahrenheit |
| FO | Fluid Ounce |
| FP | Pounds per Sq. Ft. |
| FT | Foot |
| GA | Gallon |
| GI | Imperial Gallons |
| GL | Gallon |
| GM | Grams per Sq. Meter |
| GR | Gram |
| GS | Gross |
| GY | Gross Yard |
| HA | Hank 100ft of Rope |
| HC | Hundred Count |
| HD | Half Dozen |
| HG | Hectogram |
| HR | Hours |
| HU | Hundred |
| IC | Increment |
| IN | Inch |
| JB | Jumbo |
| JG | Jug |
| JO | Joint |
| JR | Jar |
| JU | Jug |
| KA | Can |
| KE | Keg |
| KG | Kilogram |
| KH | Kilowatt Hour |
| KI | Kit |
| KT | Kit |
| KV | Kelvin |
| KW | Kilograms per Millimeter |
| LB | Pound |
| LC | Linear Centimeter |
| LF | Linear Foot |
| LG | Log |
| LH | Labor Hours |
| LI | Linear Inch |
| LK | Link |
| LM | Linear Meter |
| LN | Length |
| LO | Lot |
| LP | Pounds Per Cubic Inch |

| <u>Code</u> | <u>Name</u> |
|-------------|--------------------------------|
| LR | Layer(s) |
| LS | Lump Sum |
| LT | Liter |
| LY | Linear Yard |
| MA | Machine/Unit |
| MB | Minimum Buying Unit |
| MC | Master Case |
| ME | Milligram |
| MF | Milligrams Per Sq Ft. Per Side |
| MG | Metric Gross Ton |
| MI | Milligrams Per Sq Inch |
| ML | Milliliter |
| MM | Millimeter |
| MN | Metric Net Ton |
| MO | Months |
| MR | Meter |
| MS | Square Millimeter |
| MT | Metric Long Ton |
| MU | Minutes |
| MV | Monetary Value |
| MX | Mixed |
| NB | Barge |
| NC | Car |
| NL | Load |
| NN | Train |
| NR | Container |
| NT | Trailer |
| NV | Vehicle |
| OP | Two pack |
| OZ | Ounce - Av |
| P1 | Each |
| P3 | Three pack |
| P4 | Four-pack |
| P5 | Five-pack |
| P6 | Six pack |
| P7 | Seven pack |
| P8 | Eight-pack |
| P9 | Nine pack |
| PA | Pail |
| PC | Piece |
| PD | Pad |
| PE | Pounds Equivalent |
| PF | Pallet (Lift) |
| PG | Pounds (Gross) |
| PH | Pack (PAK) |
| PI | Pounds Per Inch of Length |
| PK | Pack |

| <u>Code</u> | <u>Name</u> |
|--------------------|--------------------------|
| PL | Pallet/Unit Load |
| PN | Pounds Net |
| PP | Plate |
| PR | Pair |
| PS | Pounds per Sq. Inch |
| PT | Pint |
| PW | Pounds per Inch of Width |
| QD | Quarter Dozen |
| QR | Quire |
| QT | Quart |
| RD | Rod |
| RE | Reel |
| RL | Roll |
| RM | Ream |
| RO | Roll |
| SA | Sandwich |
| SC | Square Centimeter |
| SE | Section |
| SF | Square Foot |
| SG | Segment |
| SH | Sheet |
| SI | Square Inch |
| SJ | Sack |
| SK | Skid/Pallet |
| SL | Sleeve |
| SM | Square Meter |
| SO | Spool |
| SP | Shelf Package |
| SQ | Square |
| SR | Strip |
| ST | Set |
| SX | Shipment |
| SY | Square Yard |
| TB | Tube |
| TC | Truckload |
| TE | Tote |
| TG | Gross Ton |
| TH | Thousand |
| TK | Tank |
| TN | Net Ton |
| TO | Troy Ounce |
| TP | Ten-pack |
| TS | Short Ton (2000 Lbs.) |
| TU | Thousand Linear Yards |
| TW | Thousand Pieces |
| TY | Tray |
| UN | Unit |

| <u>Code</u> | <u>Name</u> |
|-------------|--------------|
| VP | Vendor Price |
| WH | Wheel |
| WI | Wiper |
| WK | Week |
| WR | Wrap |
| YD | Yard |
| YR | Years |
| ZP | Each |

ACK04 374 **Date/Time Qualifier** C ID 3/3 Used

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

CodeList Summary (Total Codes: 1112, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|-----------------------|
| 068 | Current Schedule Ship |

User Note 1:

Mandatory, except when ACK01 = IR

ACK05 373 **Date** C 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 Transaction Totals

| | |
|-----------|---------------|
| Pos: 010 | 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:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|----------------|---------------|--------------|
| 010 | CTT | Transaction Totals | O | 1 | | Used |

CTT Transaction Totals

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

User Option (Usage): Used

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

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|----------------------|------------|-------------|----------------|--------------|
| 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:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| 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 | | | | |
| 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.