

## **Insight 855 Spec Changes**

- Removed code “RF” from the BAK02
- Added BAK08 as the vendor sales order number
- Added BAK09 as the vendor sales order date
- Added CUR segment
- Requiring Buyer Part (BP) and vendor part (VP), in that order, on the PO1.
- Removed the Manufacturer (MG) part number from the PO1.
- Removed PID segment.
- Removed the following codes in the ACK01:
  - BP – Item accepted, partial shipment, balance backordered (Use IB)
  - ID – Item deleted (Use IR)
  - IP – Item accepted price changed (Use IC)
- Removed ‘Shipped’ (011) and ‘Scheduled for Shipment’ (083) dates from ACK04.
- Added ‘Estimated Arrival Date’ (371) to the ACK04.
- Removed ACK07 and ACK08.
- Modified 371 in ACK04 to 068 (Current Schedule Ship)
- Removed ‘IC’ as an available status for ACK01. Added comment to ACK about IC not being accepted for EDI.

## **Insight 855 Spec Changes – 09/13/2022 Version 3.0**

- Updated 855 spec mandatory/conditional status against the 855 map to make it abit more accurate along with other changes that are noted.

**COVER PAGE BEFORE**

# 855 Purchase Order Acknowledgment

X12/V4010/855 : 855 Purchase Order Acknowledgment

**Version: 2.0 Final**

Author:

Insight Direct USA, Inc.

Modified:

8/5/2022

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# 855 Purchase Order Acknowledgment

X12/V4010/855 : 855 Purchase Order Acknowledgment

**Version: 3.0 Final**

## ISA\GS INSIGHT SENDER IDS BEFORE

ISA\GS IDs – should we continue to list the US\CAN ids if the vendor team will have them listed in their onboarding doc? Should we add APAC since its not listed?

ISA05	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<p><b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p><b>CodeList Summary</b> (Total Codes: 38, Included: 2)</p> <p><b>Code Name</b></p> <p>01 Duns (Dun &amp; Bradstreet)</p> <p><b>Insight Note:</b> <i>Insight Test ID Qualifier</i></p> <p>12 Phone (Telephone Companies)</p> <p><b>Insight Note:</b> <i>Insight Production ID Qualifier</i></p>						

## ISA\GS INSIGHT SENDER IDS AFTER – Removed the id comments

<p><b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p><b>All valid standard codes are used. (Total Codes: 38)</b></p>						
ISA06	I06	<b>Interchange Sender ID</b>	M	AN	15/15	Must use
<p><b>Description:</b> 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</p>						
ISA07	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<p><b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p>						
ISA08	I07	<b>Interchange Receiver ID</b>	M	AN	15/15	Must use
<p><b>Description:</b> 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</p>						

## CUR - BEFORE

# CUR Currency

Pos: 040 Max: 1  
Heading - Optional  
Loop: N/A Elements: 2

User Option (Usage): Used

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

## 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>
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use

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

Code List Summary (Total Codes: 1312, Included: 1)

### Code Name

BY Buying Party (Purchaser)

CUR02	100	Currency Code	M	ID	3/3	Must use
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Description: Code (Standard ISO) for country in whose currency the charges are specified

## Example:

CUR\*BY\*USD

## CUR - AFTER

# CUR Currency

Pos: 040 Max: 1  
Heading - Mandatory  
Loop: N/A Elements: 2

User Option (Usage): Must use

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

## 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>
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use

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

Code List Summary (Total Codes: 1312, Included: 1)

### Code Name

BY Buying Party (Purchaser)

CUR02	100	Currency Code	M	ID	3/3	Must use
-------	-----	---------------	---	----	-----	----------

Description: Code (Standard ISO) for country in whose currency the charges are specified

## Example:

CUR\*BY\*USD  
CUR\*BY\*CAD

**PO1 - BEFORE**

**PO1 Baseline Item Data**

Pos: 010	Max: 1
Detail - Optional	
Loop: PO1	Elements: 9

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	O	AN	1/20	Must use
<p>Description: Alphanumeric characters assigned for differentiation within a transaction set</p> <p>Insight Note: This is the line item number from the original Purchase Order. This number must match the line item number on the original purchase order. If the order was not sent via EDI and you are returning the 855 EDI you must number the line item 00010, 00020 00030 etc.</p>						
PO102	330	Quantity Ordered	X	R	1/15	Used
<p>Description: Quantity ordered</p> <p>Insight Note: This must equal the quantity from the original purchase order line.</p>						
PO103	355	Unit or Basis for Measurement Code	O	ID	2/2	Used
<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p>All valid standard codes are used. (Total Codes: 794)</p>						
PO104	212	Unit Price	X	R	1/17	Used
<p>Description: Price per unit of product, service, commodity, etc.</p> <p>Insight Note: This is the price the vendor is charging Insight.</p>						
PO105	639	Basis of Unit Price Code	O	ID	2/2	Used
<p>Description: Code identifying the type of unit price for an item</p> <p>All valid standard codes are used. (Total Codes: 91)</p>						
PO106	235	Product/Service ID Qualifier	X	ID	2/2	Used
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <p>Code List Summary (Total Codes: 477, Included: 1)</p> <p><u>Code</u> <u>Name</u></p> <p>BP Buyer's Part Number</p>						
PO107	234	Product/Service ID	X	AN	1/48	Used
<p>Description: Identifying number for a product or service</p>						
PO108	235	Product/Service ID Qualifier	X	ID	2/2	Used
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <p>Code List Summary (Total Codes: 477, Included: 1)</p>						

	<u>Code</u>	<u>Name</u>					
	VP	Vendor's (Seller's) Part Number					
PO109	234	Product/Service ID	X	AN	1/48	Used	
Description: Identifying number for a product or service							

**Example:**

PO1\*000010\*7\*EA\*29.99\*CP\*BP\*5555523\*VP\*77777723

**PO1 – AFTER**

**PO1 Baseline Item Data**

Pos: 010	Max: 1
Detail - <b>Mandatory</b>	
Loop: PO1	Elements: 9

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						
Insight Note: This is the line item number from the original Purchase Order. This number must match the line item number on the original purchase order. If the order was not sent via EDI and you are returning the 855 EDI you must number the line item 00010, 00020 00030 etc.						
PO102	330	Quantity Ordered	M	R	1/15	Must use
Description: Quantity ordered						
Insight Note: This must equal the quantity from the original purchase order line.						
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						
All valid standard codes are used. (Total Codes: 794)						
PO104	212	Unit Price	M	R	1/17	Must use
Description: Price per unit of product, service, commodity, etc.						
Insight Note: This is the price the vendor is charging Insight.						

PO105	639	<b>Basis of Unit Price Code</b>	M	ID	2/2	Must use
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Description: Code identifying the type of unit price for an item

Code List Summary (Total Codes: 91, Included: 1)

Code Name

CP Current Price (Subject to Change)

PO106	235	<b>Product/Service ID Qualifier</b>	M	ID	2/2	Must use
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code List Summary (Total Codes: 477, Included: 1)

Code Name

BP Buyer's Part Number

PO107	234	<b>Product/Service ID</b>	M	AN	1/48	Must use
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Description: Identifying number for a product or service

PO108	235	<b>Product/Service ID Qualifier</b>	M	ID	2/2	Must use
-------	-----	-------------------------------------	---	----	-----	----------

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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Code List Summary (Total Codes: 477, Included: 1)

Code Name

VP Vendor's (Seller's) Part Number

PO109	234	<b>Product/Service ID</b>	M	AN	1/48	Must use
-------	-----	---------------------------	---	----	------	----------

Description: Identifying number for a product or service

### Example:

PO1\*000010\*7\*EA\*29.99\*CP\*BP\*55555523\*VP\*77777723

## REF DETAIL BEFORE

# REF Reference Identification

Pos: 100	Max: >1
Detail - Conditional	
Loop: PO1	Elements: 3

User Option (Usage): Used

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						
Code List Summary (Total Codes: 1503, Included: 1)						
<u>Code</u> <u>Name</u>						
ZZ Mutually Defined						
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						

## REF DETAIL AFTER

REF01	128	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
		<b>Description:</b> Code qualifying the Reference Identification				
		<b>Code List Summary</b> (Total Codes: 1503, Included: 1)				
		<b>Code Name</b>				
		ZZ Mutually Defined				
REF02	127	<b>Reference Identification</b>	M	AN	1/30	Must use
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		<b>Insight Note:</b>				
		<i>The following item-rejection codes should be used when the ACK01=IR</i>				
		<i>IR1 Duplicate Order</i>				
		<i>IR2 Insight Requested Cancellation</i>				
		<i>IR3 Invalid/Expired Agreement Number</i>				
		<i>IR4 Invalid Ship To</i>				
		<i>IR5 Invalid/Missing End User information</i>				
		<i>IR6 Shipping/Carrier Issue</i>				
		<i>IR7 Other</i>				
		<i>IR8 Cannot be ordered as a standalone part</i>				
		<i>IR9 EOL/Discontinued Part</i>				
		<i>IR10 Fill/Kill and no inventory available</i>				
		<i>IR11 Invalid/Missing material number</i>				
		<i>IR12 Missing/Incorrect/Expired quote</i>				
		<i>IR13 Minimum Order Quantity Required</i>				
		<i>IR14 Need HW/Serial Number</i>				
		<i>IR15 Not authorized to sell product</i>				
		<i>IR16 Price Discrepancy</i>				
		<i>IR17 SKU/Quantity does not match quote</i>				
REF03	352	<b>Description</b>	M	AN	1/80	Must use
		<b>Description:</b> A free-form description to clarify the related data elements and their content				

# ACK BEFORE

## ACK Line Item Acknowledgment

Pos: 270	Max: 1
Detail - Optional	
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								
<p><b>Description:</b> Code specifying the action taken by the seller on a line item requested by the buyer</p> <p><b>Insight Note:</b> See examples below to determine how to use the various code combinations in this segment.</p> <p><b>Code List Summary</b> (Total Codes: 26, Included: 3)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>IA</td> <td>Item Accepted</td> </tr> <tr> <td>IB</td> <td>Item Backordered</td> </tr> <tr> <td>IR</td> <td>Item Rejected</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	IA	Item Accepted	IB	Item Backordered	IR	Item Rejected
<u>Code</u>	<u>Name</u>													
IA	Item Accepted													
IB	Item Backordered													
IR	Item Rejected													
ACK02	380	Quantity	X	R	1/15	Used								
<p><b>Description:</b> Numeric value of quantity</p> <p><b>Insight Note:</b> The sum of ACK02 elements must equal the corresponding quantity in the PO102.</p>														
ACK03	355	Unit or Basis for Measurement Code	X	ID	2/2	Used								
<p><b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p><b>Code List Summary</b> (Total Codes: 794, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>EA</td> <td>Each</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	EA	Each				
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EA	Each													
ACK04	374	Date/Time Qualifier	O	ID	3/3	Used								
<p><b>Description:</b> Code specifying type of date or time, or both date and time</p> <p><b>Code List Summary</b> (Total Codes: 1112, Included: 2)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>055</td> <td>Confirmed</td> </tr> <tr> <td>068</td> <td>Current Schedule Ship</td> </tr> </tbody> </table> <p><b>Insight Note:</b> Used with ACK01 value IA. This is the confirmed ship date.</p> <p><b>Insight Note:</b> Used with ACK01 value IB. This is the date the shipment is expected to ship.</p>							<u>Code</u>	<u>Name</u>	055	Confirmed	068	Current Schedule Ship		
<u>Code</u>	<u>Name</u>													
055	Confirmed													
068	Current Schedule Ship													
ACK05	373	Date	X	DT	8/8	Used								
<p><b>Description:</b> Date expressed as CCYYMMDD</p>														

**ACK AFTER**

# 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:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage								
ACK01	668	Line Item Status Code	M	ID	2/2	Must use								
<p>Description: Code specifying the action taken by the seller on a line item requested by the buyer</p> <p>Insight Note: See examples below to determine how to use the various code combinations in this segment.</p> <p>Code List Summary (Total Codes: 26, Included: 3)</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>IA</td> <td>Item Accepted</td> </tr> <tr> <td>IB</td> <td>Item Backordered</td> </tr> <tr> <td>IR</td> <td>Item Rejected</td> </tr> </tbody> </table>							Code	Name	IA	Item Accepted	IB	Item Backordered	IR	Item Rejected
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ACK02	380	Quantity	M	R	1/15	Must use								
<p>Description: Numeric value of quantity</p> <p>Insight Note: The sum of ACK02 elements must equal the corresponding quantity in the PO102.</p>														
ACK03	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use								
<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p>Code List Summary (Total Codes: 794, Included: 1)</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>EA</td> <td>Each</td> </tr> </tbody> </table>							Code	Name	EA	Each				
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<p>Description: Code specifying type of date or time, or both date and time</p> <p>Code List Summary (Total Codes: 1112, Included: 2)</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>055</td> <td>Confirmed</td> </tr> <tr> <td>068</td> <td>Current Schedule Ship</td> </tr> </tbody> </table> <p>Insight Note: Used with ACK01 value IA. This is the confirmed ship date.</p> <p>Insight Note: Used with ACK01 value IB. This is the date the shipment is expected to ship.</p>							Code	Name	055	Confirmed	068	Current Schedule Ship		
Code	Name													
055	Confirmed													
068	Current Schedule Ship													
ACK05	373	Date	O	DT	8/8	Used								
<p>Description: Date expressed as CCYYMMDD</p>														

## CTT BEFORE

### 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

Example: *CTT\*1*

## CTT AFTER

### CTT Transaction Totals

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

User Option (Usage): Must use

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

Example: *CTT\*1*