

# 855 Purchase Order Acknowledgment

## Dictionary: 4010 Mapping Summary

Note: standard header segments ISA, (inter-change control header), GS (Functional group header) and ST (Transaction header set) are assumed.

### Header

Usage	Pos. No.	Seg. ID	Name	Max. Use
Mandatory	10	BAK	Beginning Segment for Purchase Order Acknowledgment	1
Optional	20	DTM	Date/Time Reference	>1
<b>LOOP ID - N9</b>				
Optional	30	N9	Reference Identification	>1
Optional	40	MSG	Message Text	>1
<b>LOOP ID - N1</b>				
Optional	50	N1	Name	>1
Optional	60	N2	Additional Name Information	>1
Optional	70	N3	Address Information	>1
Optional	80	N4	Geographic Location	1

### Detail

Usage	Pos. No.	Seg. ID	Name	Max. Use
<b>LOOP ID - PO1</b>				
Optional	90	PO1	Baseline Item Data	>1
Optional	100	CTP	Pricing Information	>1
<b>LOOP ID - ACK</b>				
Optional	110	ACK	Line Item Acknowledgment	>1
Optional	120	DTM	Date/Time Reference	1

### Summary

Usage	Pos. No.	Seg. ID	Name	Max. Use
Optional	130	CTT	Transaction Totals	>1

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**SEGMENT: BAK - Beginning Segment for Purchase Order Acknowledgment**

**Loop:** 855.BAK  
**Usage:** **Mandatory**

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Data Element Summary</u>	<u>Attributes</u>
Mandatory	BAK01	353 - Transaction Set Purpose Code	353 - Transaction Set Purpose Code "00" new transaction "05" replace a previous transaction	ID 2/2
Mandatory	BAK02	587 - Acknowledgment Type	587 - Acknowledgment Type "AT" accept entire P/O as is. No changes "AC" accept with detailed changes "RJ" reject (total rejection of the P/O)	ID 2/2
Mandatory	BAK03	324 - Purchase Order Number	324 - Purchase Order Number This is the ISN Purchase Order number. This must be the same P/O # issued by ISN on the 850 EDI document received by vendor.	AN 1/22
Mandatory	BAK04	373 - Date	373 - Date ISN Purchase order date. Format ccccmdd	DT 8/8
Optional	BAK08	127 - Reference Identification	127 - Reference Identification This is the vendor's reference #	AN 1/30
Optional	BAK09	373 - Date	373 - Date Vendor assigned acknowledgement date. Format ccccmdd	DT 8/8

**SEGMENT: DTM - Date/Time Reference Segment defining dates/times for acknowledgement**

**Loop:** 855.DTM  
**Usage:** **Optional**

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Data Element Summary</u>	<u>Attributes</u>
Mandatory	DTM01	374 - Date/Time Qualifier	374 - Date/Time Qualifier Optional: "ACK" to indicate acknowledgement	ID 3/3
Optional	DTM02	373 - Date	373 - Date Optional: Vendor assigned acknowledgement date format ccccmdd.	DT 8/8
Optional	DTM03	337 - Time	337 - Time Optional: Vendor assigned acknowledgement time format hhmmssdd.	TM 4/8
Optional	DTM04	623 - Time Code	623 - Time Code Optional: ISO time code	ID 2/2

**SEGMENT: N9 - Reference Identification Reference segment to transmit identifying information**

**Loop:** 855.N9  
**Usage:** **Optional**

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Data Element Summary</u>	<u>Attributes</u>
Mandatory	N901	128 - Reference Identification Qualifier	128 - Reference Identification Qualifier Optional: "ZZ" is the mutually defined designator	ID 2/3
Optional	N903	369 - Free Form Description	369 - Free Form Description Optional: vendor comments / information (free-form)	IAN 1/48

**SEGMENT: MSG - Message Text Optional messaging segment allowing transmission of text information**

**Loop:** 855.N9.MSG  
**Usage:** **Optional**

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**Data Element Summary**

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	MSG01	933 - Free-Form Message Text <i>Optional: free-form text message</i>	AN 1/264

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**SEGMENT: N1 – Name Ship-To Address details**

**Loop:** 855.N1  
**Usage:** **Optional**

**Data Element Summary**

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	N101	98 - Entity Identifier Code <i>"ST" Ship-To</i>	ID 2/3
Optional	N102	93 – Name <i>Not used</i>	AN 1/60
Optional	N103	66 - Identification Code Qualifier <i>Not used</i>	ID 1/2
Optional	N104	67 - Identification Code <i>Not used</i>	AN 2/80

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**SEGMENT: N2 - Additional Name Information**

**Loop:** 855.N1.N2  
**Usage:** **Optional**

**Data Element Summary**

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	N201	93 – Name <i>Ship-To (ISN facility) name</i>	AN 1/60

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**SEGMENT: N3 - Address Information**

**Loop:** 855.N1.N3  
**Usage:** **Optional**

**Data Element Summary**

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	N301	166 - Address Information <i>Address Line #1 (ISN facility)</i>	AN 1/55
Optional	N302	166 - Address Information <i>Address Line #2 (ISN facility)</i>	AN 1/55

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**SEGMENT: N4 - Geographic Location**

**Loop:** 855.N1.N4  
**Usage:** **Optional**

**Data Element Summary**

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Optional	N401	19 - City Name <i>City Name</i>	AN 2/30
Optional	N402	156 - State or Province Code <i>State or Province</i>	ID 2/2
Optional	N403	116 - Postal Code <i>Zip code</i>	ID 3/15
Optional	N404	26 - Country Code <i>Country code (US or CA)</i>	ID 2/3

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**SEGMENT: PO1 - Baseline Item Data**

**Loop:** 855.PO1  
**Usage:** **Optional**

Data Element Summary			
<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Optional	PO101	350 - Assigned Identification Must match ISN P/O line number from 850 EDI document sent to vendor.	AN 1/20
Optional	PO102	330 - Quantity Ordered Confirm quantity ordered by ISN	R 1/15
Optional	PO103	355 - Unit or Basis for Measurement Code Confirm uom issued by ISN on 850 document	ID 2/2
Optional	PO104	212 - Unit Price Confirm unit price from ISN	R 1/17
Optional	PO106	235 - Product/Service ID Qualifier "BP" Buyers (ISN) part number identifier	ID 2/2
Optional	PO107	234 - Product/Service ID Buyers (ISN) part number	AN 1/48
Optional	PO108	235 - Product/Service ID Qualifier "VP" Vendor part number identifier	ID 2/2
Optional	PO109	234 - Product/Service ID Vendor part number	AN 1/48

**SEGMENT: CTP - Pricing Information Pricing Changes**

**Loop:** 855.PO1.CTP  
**Usage:** **Optional**

Data Element Summary			
<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Optional	CTP01	687 - Class of Trade Code "AS" Seller	ID 2/2
Optional	CTP02	236 - Price Identifier Code "CHG" Changed Price	ID 3/3
Optional	CTP03	212 - Unit Price Price per uom	R 1/17

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**SEGMENT: ACK - Line Item Acknowledgment**

**Loop:** 855.PO1.ACK

**Usage:** **Optional**

Data Element Summary			
<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	ACK01	668 - Line Item Status Code "IA" item accepted "IB" item backordered "IC" item accepted: changes made "IR" item rejected	ID 2/2
Optional	ACK02	380 - Quantity Quantity being fulfilled	R 1/15
Optional	ACK03	355 - Unit or Basis for Measurement Code Uom code	ID 2/2
Optional	ACK04	374 - Date/Time Qualifier "067" current delivery date "068" current shipment schedule "079" promised for shipment	ID 3/3
Optional	ACK05	373 - Date Date supplier expects to ship the order. Format ccccmdd	DT 8/8
Optional	ACK07	235 - Product/Service ID Qualifier Not used	ID 2/2
Optional	ACK08	234 - Product/Service ID Not used	AN 1/48
Optional	ACK29	1271 - Industry Code Not used	AN 1/30

**SEGMENT: DTM - Date/Time Reference**

**Loop:** 855.PO1.ACK.DTM

**Usage:** **Optional**

Data Element Summary			
<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	DTM01	374 - Date/Time Qualifier "017" Estimated delivery identifier	ID 3/3
Optional	DTM02	373 - Date Estimated delivery date. Format ccccmdd	DT 8/8
Optional	DTM03	337 - Time Estimated delivery time. Format hhmmssdd	TM 4/8
Optional	DTM04	623 - Time Code ISO standard time code	ID 2/2

**SEGMENT: CTT - Transaction Totals**

Loop: 855.CTT

Usage: **Optional**

<b>Data Element Summary</b>			
<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	CTT01	354 - Number of Line Items	NO 1/6
Optional	CTT02	347 - Hash Total	R 1/10
Optional	CTT03	81 - Weight	R 1/10

## Appendix 2: Sample 855 Documents

### Example #1: 1 Line P/O Accepted without any changes:

BAK\*00\***AT**\*P1413256\*20070423\*\*\*\*\*VENDOR\_PO\_REFERENCE\*20070423  
DTM\*ACK\*20070424\*\*ED  
N1\*ST  
N2\*ISN LAKELAND WAREHOUSE  
N3\*2727 INTERSTATE DRIVE\*LAKELAND HEIGHTS  
N4\*LAKELAND\*FL\*33905\*US  
N9\*ZZ\*\*COMMENTS1  
MSG\*FREE TEXT MESSAGE ONE  
N9\*ZZ\*\*COMMENTS2  
MSG\*FREE TEXT MESSAGE TWO  
N9\*ZZ\*\*COMMENTS3  
MSG\*FREE TEXT MESSAGE THREE  
PO1\*1\*3\*EA\*15.96\*\*BP\*LIN1163\*VP\*1163  
ACK\*IA\*3\*EA\*\*\*\*\*  
DTM\*017\*20070431\*\*ED  
CTT\*1\*1

### Example #2: 1 Line P/O Accepted with a Price Change

BAK\*00\***AC**\*P1413256\*20070423\*\*\*\*\*VENDOR\_PO\_REFERENCE\*20070423  
DTM\*ACK\*20070424\*\*ED  
N1\*ST  
N2\*ISN LAKELAND WAREHOUSE  
N3\*2727 INTERSTATE DRIVE\*LAKELAND HEIGHTS  
N4\*LAKELAND\*FL\*33905\*US  
N9\*ZZ\*\*COMMENTS1  
MSG\*FREE TEXT MESSAGE ONE  
N9\*ZZ\*\*COMMENTS2  
MSG\*FREE TEXT MESSAGE TWO  
N9\*ZZ\*\*COMMENTS3  
MSG\*FREE TEXT MESSAGE THREE  
PO1\*1\*3\*EA\*15.96\*\*BP\*LIN1163\*VP\*1163  
CTP\*AC\*CHG\*17.98  
ACK\*IC\*3\*EA\*\*\*\*\*  
DTM\*017\*20070431\*\*ED  
CTT\*1\*1

Example #3: 1 Line P/O Accepted with an Item Change from vendor part # 1163 to 1164

BAK\*00\***AC**\*P1413256\*20070423\*\*\*\*\*VENDOR\_PO\_REFERENCE\*20070423  
DTM\*ACK\*20070424\*\*ED  
N1\*ST  
N2\*ISN LAKELAND WAREHOUSE  
N3\*2727 INTERSTATE DRIVE\*LAKELAND HEIGHTS  
N4\*LAKELAND\*FL\*33905\*US  
N9\*ZZ\*\*COMMENTS1  
MSG\*FREE TEXT MESSAGE ONE  
N9\*ZZ\*\*COMMENTS2  
MSG\*FREE TEXT MESSAGE TWO  
N9\*ZZ\*\*COMMENTS3  
MSG\*FREE TEXT MESSAGE THREE  
PO1\*1\*3\*EA\*15.96\*\*BP\*LIN1163\*VP\*1163  
ACK\*IC\*3\*EA\*\*\*\*VP\*1164  
DTM\*017\*20070431\*\*ED  
CTT\*1\*1

Example #4: 3 Line P/O. Accepted line 1, line 2 is deleted (will not be sent to buyer), line 3 is accepted with a change of price

BAK\*00\***AC**\*P1413256\*20070423\*\*\*\*\*VENDOR\_PO\_REFERENCE\*20070423  
DTM\*ACK\*20070424\*\*ED  
N1\*ST  
N2\*ISN LAKELAND WAREHOUSE  
N3\*2727 INTERSTATE DRIVE\*LAKELAND HEIGHTS  
N4\*LAKELAND\*FL\*33905\*US  
N9\*ZZ\*\*COMMENTS1  
MSG\*FREE TEXT MESSAGE ONE  
N9\*ZZ\*\*COMMENTS2  
MSG\*FREE TEXT MESSAGE TWO  
N9\*ZZ\*\*COMMENTS3  
MSG\*FREE TEXT MESSAGE THREE  
PO1\*1\*3\*EA\*15.96\*\*BP\*LIN1163\*VP\*1163  
ACK\*IA\*3\*EA\*\*\*\*\*  
DTM\*017\*20070431\*\*ED  
PO1\*2\*4\*EA\*19.99\*\*BP\*LIN1164\*VP\*1164  
ACK\*IR\*4\*EA\*\*\*\*\*  
PO1\*3\*5\*EA\*115.45\*\*BP\*LIN1165\*VP\*1165  
CTP\*AC\*CHG\*120.00  
ACK\*IC\*5\*EA\*\*\*\*\*  
DTM\*017\*20070431\*\*ED  
CTT\*1\*1



Example #5: P/O Rejected in it's entirety. No line details transmitted

BAK\*00\***RJ**\*P1413256\*20070423\*\*\*\*\*VENDOR\_PO\_REFERENCE\*20070423  
DTM\*ACK\*20070424\*\*ED  
N1\*ST  
N2\*ISN LAKELAND WAREHOUSE  
N3\*2727 INTERSTATE DRIVE\*LAKELAND HEIGHTS  
N4\*LAKELAND\*FL\*33905\*US  
N9\*ZZ\*\*COMMENTS1  
MSG\*FREE TEXT MESSAGE ONE  
N9\*ZZ\*\*COMMENTS2  
MSG\*FREE TEXT MESSAGE TWO  
N9\*ZZ\*\*COMMENTS3  
MSG\*FREE TEXT MESSAGE THREE  
CTT\*1\*1