**855 Purchase Order Acknowledgement**

### X12/V4010/855: 855 PO Acknowledgement

**Company: ODL**

**Modified: 5/24/2023**

**Notes: Initial version**

# 855 - Purchase Order Acknowledgment v004010

## The Transaction Set Table

| **Area** | **Sequence** | **Segment ID** | **Segment Name** | **Requirement** | **Maximum Use** |
| --- | --- | --- | --- | --- | --- |
|  |  | **ISA** | ISA \_ Interchange Control Header | M | 1 |
|

| Loop Name : FunctionalGroup , Requirement : M |
| --- |
|  |  | **GS** | GS \_ Functional Group Header | M | 1 |
|

| Loop Name : TS\_855 , Requirement : M |
| --- |
| H | 010 | **ST** | Transaction Set Header | M | 1 |
| H | 020 | **BAK** | Beginning Segment for Purchase Order Acknowledgment | M | 1 |
|

| Loop Name : Loop\_N9\_44545 , Requirement : O, Loop Level : 1, Loop Repeat : 1000, Loop Identifier : N9 |
| --- |
| H | 280 | **N9** | Reference Identification | O | 1 |
| H | 290 | **MSG** | Message Text | O | 1000 |

 |
|

| Loop Name : Loop\_N1\_44546 , Requirement : O, Loop Level : 1, Loop Repeat : 200, Loop Identifier : N1 |
| --- |
| H | 300 | **N1** | Name | O | 1 |
| H | 320 | **N3** | Address Information | O | 2 |
| H | 330 | **N4** | Geographic Location | O | 1 |

 |
|

| Loop Name : Loop\_PO1\_44548 , Requirement : O, Loop Level : 1, Loop Repeat : 100000, Loop Identifier : PO1 |
| --- |
| B | 010 | **PO1** | Baseline Item Data | O | 1 |
|

| Loop Name : Loop\_PID\_44549 , Requirement : O, Loop Level : 2, Loop Repeat : 1000, Loop Identifier : PID |
| --- |
| B | 050 | **PID** | Product/Item Description | O | 1 |

 |
|

| Loop Name : Loop\_ACK\_44551 , Requirement : O, Loop Level : 2, Loop Repeat : 104, Loop Identifier : ACK |
| --- |
| B | 270 | **ACK** | Line Item Acknowledgment | O | 1 |

 |

 |
|

| Loop Name : Loop\_CTT\_44562 , Requirement : O, Loop Level : 1, Loop Repeat : 1, Loop Identifier : CTT |
| --- |
| F | 010 | **CTT** | Transaction Totals | O | 1 |

 |
| F | 030 | **SE** | Transaction Set Trailer | M | 1 |

 |
|  |  | **GE** | GE \_ Functional Group Trailer | M | 1 |

 |
|  |  | **IEA** | IEA \_ Interchange Control Trailer | O | 1 |

### **ISA - ISA \_ Interchange Control Header**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | I01 | Authorization Information Qualifier | ID | M | 2 | 2 |
|

| **Code** | **Code Description** |
| --- | --- |
| 00  | No Authorization Information Present (No Meaningful Information in I02) |

 |  |  |  |  |  |
| **02** | I02 | Authorization Information | AN | M | 10 | 10 |
| **03** | I03 | Security Information Qualifier | ID | M | 2 | 2 |
|

| **Code** | **Code Description** |
| --- | --- |
| 00  | No Security Information Present (No Meaningful Information in I04) |

 |  |  |  |  |  |
| **04** | I04 | Security Information | AN | M | 10 | 10 |
| **05** | I05 | Interchange ID Qualifier | ID | M | 2 | 2 |
|

| **Code** | **Code Description** |
| --- | --- |
| 01  | Duns (Dun & Bradstreet) |

 |  |  |  |  |  |
| **06** | I06 | Interchange Sender ID | AN | M | 15 | 15 |
| Comment:  | **Trading Partner Sender ID**  |
| **07** | I05 | Interchange ID Qualifier | ID | M | 2 | 2 |  |
|

| **Code** | **Code Description** |
| --- | --- |
| 01  | Duns (Dun & Bradstreet) |

 |  |  |  |  |  |  |
| **08** | I07 | Interchange Receiver ID | AN | M | 15 | 15 |  |
| Comment:  | **067888030**  |
| **09** | I08 | Interchange Date | DT | M | 6 | 6 |  |
| Comment:  | **YYMMDD**  |
| **10** | I09 | Interchange Time | TM | M | 4 | 4 |  |
| Comment:  | **HHMM**  |
| **11** | I10 | Interchange Control Standards Identifier | ID | M | 1 | 1 |  |
|

| **Code** | **Code Description** |
| --- | --- |
| U  | U.S. EDI Community of ASC X12, TDCC, and UCS |

 |  |  |  |  |  |  |
| **12** | I11 | Interchange Control Version Number | ID | M | 5 | 5 |  |
|

| **Code** | **Code Description** |
| --- | --- |
| 00401  | Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997 |

 |  |  |  |  |  |  |
| **13** | I12 | Interchange Control Number | N0 | M | 9 | 9 |  |
| Comment:  | **ISA Control Number**  |
| **14** | I13 | Acknowledgment Requested | ID | M | 1 | 1 |  |
|

| **Code** | **Code Description** |
| --- | --- |
| 0  | No Acknowledgment Requested |

 |  |  |  |  |  |  |
| **15** | I14 | Usage Indicator | ID | M | 1 | 1 |  |
|

| **Code** | **Code Description** |
| --- | --- |
| P  | Production Data |

 |  |  |  |  |  |  |
| **16** | I15 | Component Element Separator | string | M | 1 | 1 |  |
| Comment:  | **^**  |

### **Example:**

### ISA\*00\* \*00\* \* ZZ\*TPISAID \*01\*067888030 \*230525\*1604\*U\*00401\*315435349\*0\*P\*^~

### **GS - GS \_ Functional Group Header**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 479 | Functional Identifier Code | ID | M | 2 | 2 |
|

| **Code** | **Code Description** |
| --- | --- |
| PR  | Purchase Order Acknowledgement (855) |

 |  |  |  |  |  |
| **02** | 142 | Application Sender's Code | AN | M | 2 | 15 |
| Comment:  | Trading Partner Functional Sender ID  |
| **03** | 124 | Application Receiver's Code | AN | M | 2 | 15 |  |
| Comment:  | 057499049  |
| **04** | 373 | Date | DT | M | 8 | 8 |  |
| Comment:  | YYYYMMDD  |
| **05** | 337 | Time | TM | M | 4 | 8 |  |
| **06** | 28 | Group Control Number | N0 | M | 1 | 9 |  |
| Comment:  | GS Control Number  |
| **07** | 455 | Responsible Agency Code | ID | M | 1 | 2 |  |
|

| **Code** | **Code Description** |
| --- | --- |
| X  | Accredited Standards Committee X12 |

 |  |  |  |  |  |  |
| **08** | 480 | Version / Release / Industry Identifier Code | AN | M | 1 | 12 |  |
| Comment:  | 004010  |

### **Example:**

### GS\*IN\* TPFunctionalID\*006410781\*20230523\*160455\*620202948\*X\*004010~

### **ST - Transaction Set Header**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 143 | Transaction Set Identifier Code | ID | M | 3 | 3 |
|

| **Code** | **Code Description** |
| --- | --- |
| 855  | Purchase Order Acknowledgment |

 |  |  |  |  |  |
| **02** | 329 | Transaction Set Control Number | AN | M | 4 | 9 |
| Comment:  | ST Control Number  |

### **Example:**

### ST\*855\*0001~

### **BAK - Beginning Segment for Purchase Order Acknowledgment**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 353 | Transaction Set Purpose Code | ID | M | 2 | 2 |
|

| **Code** | **Code Description** |
| --- | --- |
| 06  | Confirmation |

 |  |  |  |  |  |
| **02** | 587 | Acknowledgment Type | ID | M | 2 | 2 |
|

| **Code** | **Code Description** |
| --- | --- |
| AC  | Acknowledge - With Detail and Change |
| AD RD | Acknowledge - With Detail, No ChangeReject with detail |

 |  |  |  |  |  |
| **03** | 324 | Purchase Order Number | AN | M | 1 | 22 |
| Comment:  | **PO Number**  |
| **04** | 373 | Date | DT | M | 8 | 8 |  |
| Comment:  | **PO Date**  |

### **Example:**

### BAK\*06\*AC\*ODL000740\*20230525~

### **N9 - Reference Identification**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 128 | Reference Identification Qualifier | ID | M | 2 | 3 |
|

| **Code** | **Code Description** |
| --- | --- |
| ACC  | Status |

 |  |  |  |  |  |
| **02** | 127 | Reference Identification | AN | C | 1 | 30 |
| Comment:  | **Reference Value**  |

###### Syntax Notes:

* R0203 - Required Condition. At least one of { N9\_02, N9\_03 } is required
* C0605 - Conditional Condition. If N9\_06 is present, then all of { N9\_05 } is required

### **Example:**

### N9\*ACC\*RTD~

### **MSG - Message Text**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 933 | Free-Form Message Text | AN | M | 1 | 264 |
| Comment:  | **Message Description**  |

###### Syntax Notes:

* C0302 - Conditional Condition. If MSG\_03 is present, then all of { MSG\_02 } is required

### **Example:**

### MSG\*Warning: End Date Before Start Date~

### **N1 - Name**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 98 | Entity Identifier Code | ID | M | 2 | 3 |
|

| **Code** | **Code Description** |
| --- | --- |
| ST  | Ship To |

 |  |  |  |  |  |
| **02** | 93 | Name | AN | C | 1 | 60 |
| Comment:  | **Ship To Name**  |
| **03** | 66 | Identification Code Qualifier | ID | C | 1 | 2 |  |
|

| **Code** | **Code Description** |
| --- | --- |
| 92  | Assigned by Buyer or Buyer's Agent |

 |  |  |  |  |  |  |
| **04** | 67 | Identification Code | AN | C | 2 | 80 |  |
| Comment:  | **Ship To (ODL location ID)**  |

###### Syntax Notes:

* R0203 - Required Condition. At least one of { N1\_02, N1\_03 } is required
* P0304 - Paired Condition. If one is present, then all of { N1\_03, N1\_04 } is required

### **Example:**

N1\*ST\*1140080015 Chicago \*92\*1140080015~

### **N3 - Address Information**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 166 | Address Information | AN | M | 1 | 55 |
| Comment:  | **Ship To Address**  |

### **Example:**

### N3\*454 N 12th Street~

### **N4 - Geographic Location**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 19 | City Name | AN | O | 2 | 30 |
| Comment:  | **Ship To City**  |
| **02** | 156 | State or Province Code | ID | O | 2 | 2 |  |
| Comment:  | **Ship To State**  |
| **03** | 116 | Postal Code | ID | O | 3 | 15 |  |
| Comment:  | **Ship To Postal Code**  |
| **04** | 26 | Country Code | ID | O | 2 | 3 |  |
| Comment:  | **Ship To Country**  |

###### Syntax Notes:

* C0605 - Conditional Condition. If N4\_06 is present, then all of { N4\_05 } is required

### **Example:**

### N4\*Philadelphia\*PA\*19123\*US~

### **PO1 - Baseline Item Data**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 350 | Assigned Identification | AN | O | 1 | 20 |
| Comment:  | **Line Item Number - Matches PO Line Item Number**  |
| **02** | 330 | Quantity Ordered | R | C | 1 | 15 |  |
| Comment:  | **Quantity Ordered**  |
| **03** | 355 | Unit or Basis for Measurement Code | ID | O | 2 | 2 |  |
| Code : Any Value  |  |  |  |  |  |  |
| **04** | 212 | Unit Price | R | C | 1 | 17 |  |
| Comment:  | **Order Line Item Unit Price**  |
| **06** | 235 | Product/Service ID Qualifier | ID | C | 2 | 2 |  |
|

| **Code** | **Code Description** |
| --- | --- |
| BP  | ODL's (Buyer's) Item Number |

 |  |  |  |  |  |  |
| **07** | 234 | Product/Service ID | AN | C | 1 | 48 |  |
| Comment:  | **ODL Buyer Item (Part) Number** |

###### Syntax Notes :

* C0302 - Conditional Condition. If PO1\_03 is present, then all of { PO1\_02 } is required
* C0504 - Conditional Condition. If PO1\_05 is present, then all of { PO1\_04 } is required
* P0607 - Paired Condition. If one is present, then all of { PO1\_06, PO1\_07 } is required
* P0809 - Paired Condition. If one is present, then all of { PO1\_08, PO1\_09 } is required
* P1011 - Paired Condition. If one is present, then all of { PO1\_10, PO1\_11 } is required
* P1213 - Paired Condition. If one is present, then all of { PO1\_12, PO1\_13 } is required
* P1415 - Paired Condition. If one is present, then all of { PO1\_14, PO1\_15 } is required
* P1617 - Paired Condition. If one is present, then all of { PO1\_16, PO1\_17 } is required
* P1819 - Paired Condition. If one is present, then all of { PO1\_18, PO1\_19 } is required
* P2021 - Paired Condition. If one is present, then all of { PO1\_20, PO1\_21 } is required
* P2223 - Paired Condition. If one is present, then all of { PO1\_22, PO1\_23 } is required
* P2425 - Paired Condition. If one is present, then all of { PO1\_24, PO1\_25 } is required

### **Example:**

### PO1\*2\*145\*EA\*1.48\*\*BP\*10038020~

### **PID - Product/Item Description**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 349 | Item Description Type | ID | M | 1 | 1 |
|

| **Code** | **Code Description** |
| --- | --- |
| F  | Free-form |

 |  |  |  |  |  |
| **05** | 352 | Description | AN | C | 1 | 80 |
| Comment:  | **Item Description**  |

###### Syntax Notes:

* C0403 - Conditional Condition. If PID\_04 is present, then all of { PID\_03 } is required
* R0405 - Required Condition. At least one of { PID\_04, PID\_05 } is required
* C0703 - Conditional Condition. If PID\_07 is present, then all of { PID\_03 } is required
* C0804 - Conditional Condition. If PID\_08 is present, then all of { PID\_04 } is required
* C0905 - Conditional Condition. If PID\_09 is present, then all of { PID\_05 } is required

### **Example:**

### PID\*F\*\*\*\*Glass Panel, 10.000 x 10.000 x 0.125 Rectangle, Clear-Clear, Tempered~

### **ACK - Line Item Acknowledgment**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 668 | Line Item Status Code | ID | M | 2 | 2 |
|

| **Code** | **Code Description** |
| --- | --- |
| IAIBID | Item AcceptedItem BackorderedItem Rejected |

 |  |  |  |  |  |
| **02** | 380 | Quantity | R | C | 1 | 15 |
| Comment:  | **Quantity Acknowledged**  |
| **03** | 355 | Unit or Basis for Measurement Code | ID | C | 2 | 2 |  |
| Comment:  | **UOM of Line Item Acknowledged**  |
| Code: Any Value  |  |  |  |  |  |  |

###### Syntax Notes:

* P0203 - Paired Condition. If one is present, then all of { ACK\_02, ACK\_03 } is required
* C0405 - Conditional Condition. If ACK\_04 is present, then all of { ACK\_05 } is required
* P0708 - Paired Condition. If one is present, then all of { ACK\_07, ACK\_08 } is required
* P0910 - Paired Condition. If one is present, then all of { ACK\_09, ACK\_10 } is required
* P1112 - Paired Condition. If one is present, then all of { ACK\_11, ACK\_12 } is required
* P1314 - Paired Condition. If one is present, then all of { ACK\_13, ACK\_14 } is required
* P1516 - Paired Condition. If one is present, then all of { ACK\_15, ACK\_16 } is required
* P1718 - Paired Condition. If one is present, then all of { ACK\_17, ACK\_18 } is required
* P1920 - Paired Condition. If one is present, then all of { ACK\_19, ACK\_20 } is required
* P2122 - Paired Condition. If one is present, then all of { ACK\_21, ACK\_22 } is required
* P2324 - Paired Condition. If one is present, then all of { ACK\_23, ACK\_24 } is required
* P2526 - Paired Condition. If one is present, then all of { ACK\_25, ACK\_26 } is required
* P2728 - Paired Condition. If one is present, then all of { ACK\_27, ACK\_28 } is required
* C282729 - Conditional Condition. If ACK\_28 is present, then all of { ACK\_27, ACK\_29 } is required

### **Example:**

### ACK\*IA\*145\*EA~

### **CTT - Transaction Totals**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 354 | Number of Line Items | N0 | M | 1 | 6 |
| Comment:  | Number of Line Items  |

###### Syntax Notes:

* P0304 - Paired Condition. If one is present, then all of { CTT\_03, CTT\_04 } is required
* P0506 - Paired Condition. If one is present, then all of { CTT\_05, CTT\_06 } is required

### **Example:**

### CTT\*1~

### **SE - Transaction Set Trailer**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 96 | Number of Included Segments | N0 | M | 1 | 10 |
| Comment:  | **Number of Segments**  |
| **02** | 329 | Transaction Set Control Number | AN | M | 4 | 9 |  |
| Comment:  | **Transaction Set Control Number - Matches ST Control Number**  |

### **Example:**

### SE\*12\*0001~

### **GE - GE \_ Functional Group Trailer**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 97 | Number of Transaction Sets Included | N0 | M | 1 | 6 |
| Comment:  | **Number of Transaction Sets (ST/SE pairs)**  |
| **02** | 28 | Group Control Number | N0 | M | 1 | 9 |  |
| Comment:  | **Functional Group Control Number - Matches GS Control Number**  |

### **Example:**

### GE\*1\*13535172~

### **IEA - IEA \_ Interchange Control Trailer**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | I16 | Number of Included Functional Groups | N0 | M | 1 | 5 |
| Comment:  | **Number of Functional Groups - GS/GE Pair**  |
| **02** | I12 | Interchange Control Number | N0 | M | 9 | 9 |  |
| Comment:  | **Matches ISA Control Number**  |

### **Example:**

IEA\*1\*013535171~