**810 Invoice**

### X12/V4010/810: 810 Invoice

**Company: ODL**

**Modified: 05/07/2023**

**Notes: Initial version**

# 810 - Invoice 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\_810 , Requirement : M |
| --- |
| H | 010 | **ST** | Transaction Set Header | M | 1 |
| H | 020 | **BIG** | Beginning Segment for Invoice | M | 1 |
| H | 040 | **CUR** | Currency | M | 1 |
| H | 060 | **PER** | Administrative Communications Contact | O | 3 |
|

| Loop Name : Loop\_N1\_44096 , Requirement : O, Loop Level : 1, Loop Repeat : 200, Loop Identifier : N1 |
| --- |
| H | 070 | **N1** | Name | O | 1 |
| H | 090 | **N3** | Address Information | O | 2 |
| H | 100 | **N4** | Geographic Location | O | 1 |

 |
| H | 130 | **ITD** | Terms of Sale/Deferred Terms of Sale | O | -1 |
| H | 140 | **DTM** | Date/Time Reference | O | 10 |
| H | 150 | **FOB** | F.O.B. Related Instructions | O | 1 |
|

| Loop Name : Loop\_IT1\_44101 , Requirement : O, Loop Level : 1, Loop Repeat : 200000, Loop Identifier : IT1 |
| --- |
| B | 010 | **IT1** | Baseline Item Data (Invoice) | O | 1 |
|

| Loop Name : Loop\_PID\_44102 , Requirement : O, Loop Level : 2, Loop Repeat : 1000, Loop Identifier : PID |
| --- |
| B | 060 | **PID** | Product/Item Description | O | 1 |

 |
|

| Loop Name: Loop\_DTM\_44522, Requirement: M, Loop Level: 1, Loop Repeat: 1000, Loop Identifier: DTM  |
| --- |
|  |

 |

 |
| H | 150 | **DTM** | Date/Time Reference | O | 10 |
| F | 010 | **TDS** | Total Monetary Value Summary | M | 1 |
|

| Loop Name : Loop\_SAC\_44109 , Requirement : O, Loop Level : 1, Loop Repeat : 25, Loop Identifier : SAC |
| --- |
| F | 040 | **SAC** | Service, Promotion, Allowance, or Charge Information | O | 1 |

 |
| F | 070 | **CTT** | Transaction Totals | O | 1 |
| F | 080 | **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 \*230507\*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** |
| --- | --- |
| IN  | Invoice Information (810) |

 |  |  |  |  |  |
| **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 |  |
| **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\*20230507\*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** |
| --- | --- |
| 810  | Invoice |

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

### **Example:**

### ST\*810\*487704952~

### **BIG - Beginning Segment for Invoice**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 373 | Date | DT | M | 8 | 8 |
| Comment:  | **Invoice Date (YYYYYMMDD)**  |
| **02** | 76 | Invoice Number | AN | M | 1 | 22 |  |
| Comment:  | **Invoice Number**  |
| **03** | 373 | Date | DT | O | 8 | 8 |  |
| Comment:  | **Purchase Order Date YYYYMMDD**  |
| **04** | 324 | Purchase Order Number | AN | M | 1 | 22 |  |
| Comment:  | **Purchase Order Number**  |
| **07** | 640 | Transaction Type Code | ID | O | 2 | 2 |  |
|

| **Code** | **Code Description** |
| --- | --- |
| CR  | Credit Memo |
| DI  | Debit Invoice |

 |  |  |  |  |  |  |

### **Example:**

### BIG\*20230507\*56495222\*20230501\*ODL OrderNumber\*\*\*DI~

### **CUR - Currency**

| **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** |
| --- | --- |
| SE  | Selling Party |

 |  |  |  |  |  |
| **02** | 100 | Currency Code | ID | M | 3 | 3 |
| Comment:  | **USD (US Dollar)****CAD (Canadian Dollar)****MXN (Mexican Peso)**  |

###### Syntax Notes:

* C0807 - Conditional Condition. If CUR\_08 is present, then all of { CUR\_07 } is required
* C0907 - Conditional Condition. If CUR\_09 is present, then all of { CUR\_07 } is required
* L101112 - List Condition. If CUR\_10 is present, then at least one of { CUR\_11, CUR\_12 } is required
* C1110 - Conditional Condition. If CUR\_11 is present, then all of { CUR\_10 } is required
* C1210 - Conditional Condition. If CUR\_12 is present, then all of { CUR\_10 } is required
* L131415 - List Condition. If CUR\_13 is present, then at least one of { CUR\_14, CUR\_15 } is required
* C1413 - Conditional Condition. If CUR\_14 is present, then all of { CUR\_13 } is required
* C1513 - Conditional Condition. If CUR\_15 is present, then all of { CUR\_13 } is required
* L161718 - List Condition. If CUR\_16 is present, then at least one of { CUR\_17, CUR\_18 } is required
* C1716 - Conditional Condition. If CUR\_17 is present, then all of { CUR\_16 } is required
* C1816 - Conditional Condition. If CUR\_18 is present, then all of { CUR\_16 } is required
* L192021 - List Condition. If CUR\_19 is present, then at least one of { CUR\_20, CUR\_21 } is required
* C2019 - Conditional Condition. If CUR\_20 is present, then all of { CUR\_19 } is required
* C2119 - Conditional Condition. If CUR\_21 is present, then all of { CUR\_19 } is required

### **Example:**

### CUR\*SE\*USD~

### **PER - Administrative Communications Contact**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 366 | Contact Function Code | ID | M | 2 | 2 |
|

| **Code** | **Code Description** |
| --- | --- |
| OC | Order Contact |

 |  |  |  |  |  |  |
| **02** | 93 | Name | AN | O | 1 | 60 |
| Comment: **Buyer Name (From 850 PO)** |  |  |  |  |  |

###### Syntax Notes:

* P0304 - Paired Condition. If one is present, then all of { PER\_03, PER\_04 } is required
* P0506 - Paired Condition. If one is present, then all of { PER\_05, PER\_06 } is required
* P0708 - Paired Condition. If one is present, then all of { PER\_07, PER\_08 } is required

### **Example:**

### PER\*OC\*John Doe~

### **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** |
| --- | --- |
| RE  | Party to receive commercial invoice remittance |
| SF  | Ship From |
| ST  | Ship To |
| VN  | Vendor |

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

| **Code** | **Code Description** |
| --- | --- |
| 92 | Assigned by Buyer |
| 91 | Assigned by Seller |

 |  |  |  |  |  |  |
| **04** | 67 | Identification Code | AN | C | 2 | 80 |  |
| Comment :  | **Ship To ID****Remit To ID** **Ship From ID** **Vendor 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\*Plant #2\*92\*1004~

### N1\*RE\*SUPPLER NAME\*92\*1005~

### N1\*SF\*Suppler Loc\*91\*TX~

### **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****Remit To Address** **Ship From Address**  |

### **Example:**

### N3\* 500 North Centennial~

### **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****Remit To City****Ship From City** **Vendor City** |
| **02** | 156 | State or Province Code | ID | O | 2 | 2 |  |
| Comment:  | **Ship To State****Remit To State****Ship From State****Vendor Postal State**  |
| **03** | 116 | Postal Code | ID | O | 3 | 15 |  |
| Comment:  | **Ship To Postal Code****Remit To Postal Code****Ship From Postal Code****Vendor Postal Code**  |
| **04** | 26 | Country Code | ID | O | 2 | 3 |  |
| Comment:  | **US**  |
| **05** | 309 | Location Qualifier | ID | C | 1 | 2 |  |
| Comment:  | Country  |
| Code: Any Value  |  |  |  |  |  |  |
| **06** | 310 | Location Identifier | AN | O | 1 | 30 |  |

###### Syntax Notes:

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

### **Example:**

### N4\* Zeeland \*MI\*49464\*US~

### **ITD - Terms of Sale/Deferred Terms of Sale**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 336 | Terms Type Code | ID | O | 2 | 2 |
|

| **Code** | **Code Description** |
| --- | --- |
| 01  | Basic |
| 05  | Discount Not Applicable |
| 14  | Previously agreed upon |

 |  |  |  |  |  |
| **02** | 333 | Terms Basis Date Code | ID | O | 1 | 2 |
|

| **Code** | **Code Description** |
| --- | --- |
| 2  | Delivery Date |
| 3  | Invoice Date |

 |  |  |  |  |  |
| **03** | 338 | Terms Discount Percent | R | O | 1 | 6 |
| Comment:  | **Discount Percent, If Applicable**  |
| **04** | 370 | Terms Discount Due Date | DT | C | 8 | 8 |  |
| Comment:  | **Discount Due Date, If Applicable**  |
| **05** | 351 | Terms Discount Days Due | N0 | C | 1 | 3 |  |
| **06** | 446 | Terms Net Due Date | DT | O | 8 | 8 |  |
| Comment:  | **Net Due Date**  |
| **07** | 386 | Terms Net Days | N0 | O | 1 | 3 |  |
| **08** | 362 | Terms Discount Amount | N2 | O | 1 | 10 |  |
| Comment:  | **Discount Amount**  |
| **12** | 352 | Description | AN | O | 1 | 80 |  |
| Comment:  | **e.g. Net Due Days**  |

###### Syntax Notes:

* L03040513 - List Condition. If ITD\_03 is present, then at least one of { ITD\_04, ITD\_05, ITD\_13 } is required
* L08040513 - List Condition. If ITD\_08 is present, then at least one of { ITD\_04, ITD\_05, ITD\_13 } is required
* L091011 - List Condition. If ITD\_09 is present, then at least one of { ITD\_10, ITD\_11 } is required

### **Example:**

### ITD\*01\*2\*0\*20230626\*1\*20230709\*45\*0\*\*\*\*Net 45 Days~

### **FOB - F.O.B. Related Instructions**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 146 | Shipment Method of Payment | ID | M | 2 | 2 |
|

| **Code** | **Code Description** |
| --- | --- |
| CC  | Collect |
| PP  | Prepaid (by Buyer) |

 |  |  |  |  |  |
| **06** | 309 | Location Qualifier | ID | C | 1 | 2 |
|

| **Code** | **Code Description** |
| --- | --- |
| DE  | Destination (Shipping) |

 |  |  |  |  |  |

###### Syntax Notes :

* C0302 - Conditional Condition. If FOB\_03 is present, then all of { FOB\_02 } is required
* C0405 - Conditional Condition. If FOB\_04 is present, then all of { FOB\_05 } is required
* C0706 - Conditional Condition. If FOB\_07 is present, then all of { FOB\_06 } is required
* C0809 - Conditional Condition. If FOB\_08 is present, then all of { FOB\_09 } is required

### **Example:**

### FOB\*PP\*\*\*\*\*DE~

### **IT1 - Baseline Item Data (Invoice)**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 350 | Assigned Identification | AN | M | 1 | 20 |
| Comment:  | **Line Item Number - Matches PO Line Item Number**  |
| **02** | 358 | Quantity Invoiced | R | M | 1 | 10 |  |
| Comment:  | **Quantity Invoiced**  |
| **03** | 355 | Unit or Basis for Measurement Code | ID | M | 2 | 2 |  |
|

| **Code** | **Code Description** |
| --- | --- |
| EA  | Each or as in PO |

 |  |  |  |  |  |  |
| **04** | 212 | Unit Price | R | M | 1 | 17 |  |
| Comment:  | **Unit Price**  |
| **06** | 235 | Product/Service ID Qualifier | ID | C | 2 | 2 |  |
|

| **Code** | **Code Description** |
| --- | --- |
| BP  | Buyer Item (Part) Number |

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

###### Syntax Notes:

* P020304 - Paired Condition. If one is present, then all of { IT1\_02, IT1\_03, IT1\_04 } is required
* P0607 - Paired Condition. If one is present, then all of { IT1\_06, IT1\_07 } is required
* P0809 - Paired Condition. If one is present, then all of { IT1\_08, IT1\_09 } is required
* P1011 - Paired Condition. If one is present, then all of { IT1\_10, IT1\_11 } is required
* P1213 - Paired Condition. If one is present, then all of { IT1\_12, IT1\_13 } is required
* P1415 - Paired Condition. If one is present, then all of { IT1\_14, IT1\_15 } is required
* P1617 - Paired Condition. If one is present, then all of { IT1\_16, IT1\_17 } is required
* P1819 - Paired Condition. If one is present, then all of { IT1\_18, IT1\_19 } is required
* P2021 - Paired Condition. If one is present, then all of { IT1\_20, IT1\_21 } is required
* P2223 - Paired Condition. If one is present, then all of { IT1\_22, IT1\_23 } is required
* P2425 - Paired Condition. If one is present, then all of { IT1\_24, IT1\_25 } is required

### **Example:**

### IT1\*1\*1\*EA\*201.63\*\*BP\*22999003~

### **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\*\*\*\* TIN PLATE STEEL COIL 1.363 (1 IG)~

### **DTM - Date/Time Reference**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 374 | Date/Time Qualifier | ID | M | 3 | 3 |
|

| **Code**  | **Code Description**  |
| --- | --- |
| 002 011  | Requested delivery date Requested ship date |

 |  |  |  |  |  |
| **02** | 373 | Date | DT | C | 8 | 8 |
| Comment:  | **Shipped Date YYYYMMDD**  |

###### Syntax Notes:

* R020305 - Required Condition. At least one of { DTM\_02, DTM\_03, DTM\_05 } is required
* C0403 - Conditional Condition. If DTM\_04 is present, then all of { DTM\_03 } is required
* P0506 - Paired Condition. If one is present, then all of { DTM\_05, DTM\_06 } is required

### **Example:**

### DTM\*011\*20230525~

### **TDS - Total Monetary Value Summary**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 610 | Amount | N2 | M | 1 | 15 |
| Comment:  | **Total Amount**  |

### **Example:**

### TDS\*36313~

### **SAC - Service, Promotion, Allowance, or Charge Information**

| **Sequence** | **Data Element Number** | **Data Element Name** | **Data Element Type** | **Requirement** | **Minimum Length** | **Maximum Length** |
| --- | --- | --- | --- | --- | --- | --- |
| **01** | 248 | Allowance or Charge Indicator | ID | M | 1 | 1 |
|

| **Code** | **Code Description** |
| --- | --- |
| C A | ChargeAllowance |

 |  |  |  |  |  |
| **02** | 1300 | Service, Promotion, Allowance, or Charge Code | ID | C | 4 | 4 |
| Code: Any Value  |  |  |  |  |  |
| **05** | 610 | Amount | N2 | O | 1 | 15 |
| Comment:  | **Total Amount of Charge**  |
| **15** | 352 | Description | AN | C | 1 | 80 |  |
| Comment:  | **Description of Charge**  |

###### Syntax Notes:

* R0203 - Required Condition. At least one of { SAC\_02, SAC\_03 } is required
* P0304 - Paired Condition. If one is present, then all of { SAC\_03, SAC\_04 } is required
* P0607 - Paired Condition. If one is present, then all of { SAC\_06, SAC\_07 } is required
* P0910 - Paired Condition. If one is present, then all of { SAC\_09, SAC\_10 } is required
* C1110 - Conditional Condition. If SAC\_11 is present, then all of { SAC\_10 } is required
* L130204 - List Condition. If SAC\_13 is present, then at least one of { SAC\_02, SAC\_04 } is required
* C1413 - Conditional Condition. If SAC\_14 is present, then all of { SAC\_13 } is required
* C1615 - Conditional Condition. If SAC\_16 is present, then all of { SAC\_15 } is required

### **Example:**

### SAC\*C\*D270\*\*\*1650\*\*\*\*\*\*\*\*\*\*Manually Defined~

### SAC\*A\*B660\*\*\*33729\*\*\*\*\*\*\*\*\*\*Contract Allowance~

### **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\*5~

### **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\*349\*487704952~

### **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\*620202948~

### **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 |
|  | **Number of Functional Groups - GS/GE Pair**  |  |  |  |  |  |
| **02** | I12 | Interchange Control Number | N0 | M | 9 | 9 |
| Comment:  | **Matches ISA Control Number**  |

### **Example:**

IEA\*1\*315435349~