# JR Simplot Food Group - 846 Inventory Inquiry/Advice

**X12/V4010/846: 846 Inventory Inquiry/Advice**

## Version: 1.0

| | |
|---|---|
| **Company:** | JR Simplot Company |
| **Publication:** | 8/28/2018 |
| **Notes:** | edi@simplot.com |

# Table of Contents

# 846 Inventory Inquiry/Advice

## Functional Group=IB

**Purpose:** This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

## Not Defined:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes | Usage |
|-----|-----|--------------|-----|---------|--------|-------|-------|
| | ISA | Interchange Control Header | M | 1 | | | Must use |
| | GS | Functional Group Header | M | 1 | | | Must use |

## Heading:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes | Usage |
|-----|-----|--------------|-----|---------|--------|-------|-------|
| 010 | ST | Transaction Set Header | M | 1 | | | Must use |
| 020 | BIA | Beginning Segment for Inventory Inquiry/Advice | M | 1 | | | Must use |
| **LOOP ID - N1** | | | | | **5** | | |
| 080 | N1 | Name | O | 1 | | | Used |
| 080 | N1 | Name | O | 1 | | | Used |
| 100 | N3 | Address Information | O | 2 | | | Used |
| 110 | N4 | Geographic Location | O | 1 | | | Used |

## Detail:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes | Usage |
|-----|-----|--------------|-----|---------|--------|-------|-------|
| **LOOP ID - LIN** | | | | | **10000** | | |
| 010 | LIN | Item Identification | M | 1 | | | Must use |
| **LOOP ID - QTY** | | | | | **1** | | |
| 320 | QTY | Quantity | M | 1 | | | Used |

## Summary:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes | Usage |
|-----|-----|--------------|-----|---------|--------|-------|-------|
| 010 | CTT | Transaction Totals | O | 1 | | N3/010 | Used |
| 020 | SE | Transaction Set Trailer | M | 1 | | | Must use |

## Not Defined:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes | Usage |
|-----|-----|--------------|-----|---------|--------|-------|-------|
| | GE | Functional Group Trailer | M | 1 | | | Must use |
| | IEA | Interchange Control Trailer | M | 1 | | | Must use |

## Notes:

3/010    Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

## Transaction Example:

```
ST*846*0031~
BIA*00*DD*JR Simplot Co.*20180601~
DTM*090*20180601~
N1*DS*Distributor*9*0000079001234~
N1*WH*Warehouse Name*9*0000009123456~
N3*Street Address~
N4*City*ST*12345~
LIN**MG*000002~
QTY*17*000228.000*LB~
QTY*20*0000000000*LB~
```

```
LIN**MG*000046~
QTY*17*000040.000*GA~
QTY*20*0000000000*GA~
LIN**MG*000023~
QTY*17*000133.920*LB~
QTY*20*0000000000*LB~
LIN**MG*000027~
QTY*17*000030.500*GA~
QTY*20*0000000000*GA~
LIN**MG*000021~
QTY*17*000243.000*QT~
QTY*20*0000000000*QT~
CTT*5~
SE*24*0031~
```

# ISA  Interchange Control Header

<table>
<tr><td><strong>Pos:</strong></td><td><strong>Max: 1</strong></td></tr>
<tr><td colspan="2"><strong>Not Defined - Mandatory</strong></td></tr>
<tr><td><strong>Loop: N/A</strong></td><td><strong>Elements: 16</strong></td></tr>
</table>

**User Option (Usage):** Must use

**Purpose:** To start and identify an interchange of zero or more functional groups and interchange-related control segments

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| ISA01 | I01 | **Authorization Information Qualifier** | M | ID | 2/2 | Must use |

**Description:** Code to identify the type of information in the Authorization Information

**CodeList Summary** (Total Codes: 7, Included: 1)

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

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| ISA02 | I02 | **Authorization Information** | M | AN | 10/10 | Must use |

**Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| ISA03 | I03 | **Security Information Qualifier** | M | ID | 2/2 | Must use |

**Description:** Code to identify the type of information in the Security Information

**CodeList Summary** (Total Codes: 2, Included: 1)

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

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| ISA04 | I04 | **Security Information** | M | AN | 10/10 | Must use |

**Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| ISA05 | I05 | **Interchange ID Qualifier** | M | ID | 2/2 | Must use |

**Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| ISA06 | I06 | **Interchange Sender ID** | M | AN | 15/15 | Must use |

**Description:** 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

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| ISA07 | I05 | **Interchange ID Qualifier** | M | ID | 2/2 | Must use |

**Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| ISA08 | I07 | **Interchange Receiver ID** | M | AN | 15/15 | Must use |

**Description:** 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

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| | | route data to them | | | | |
| ISA09 | I08 | **Interchange Date** | M | DT | 6/6 | Must use |
| | | **Description:** Date of the interchange | | | | |
| ISA10 | I09 | **Interchange Time** | M | TM | 4/4 | Must use |
| | | **Description:** Time of the interchange | | | | |
| ISA11 | I10 | **Interchange Control Standards Identifier** | M | ID | 1/1 | Must use |
| | | **Description:** Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer | | | | |
| | | **All valid standard codes are used. (Total Codes: 1)** | | | | |
| ISA12 | I11 | **Interchange Control Version Number** | M | ID | 5/5 | Must use |
| | | **Description:** Code specifying the version number of the interchange control segments | | | | |
| | | **CodeList Summary** (Total Codes: 14, Included: 1) | | | | |

**Code   Name**

00401   Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| ISA13 | I12 | **Interchange Control Number** | M | N0 | 9/9 | Must use |
| | | **Description:** A control number assigned by the interchange sender | | | | |
| ISA14 | I13 | **Acknowledgment Requested** | M | ID | 1/1 | Must use |
| | | **Description:** Code sent by the sender to request an interchange acknowledgment (TA1) | | | | |
| | | **All valid standard codes are used. (Total Codes: 2)** | | | | |
| ISA15 | I14 | **Usage Indicator** | M | ID | 1/1 | Must use |
| | | **Description:** Code to indicate whether data enclosed by this interchange envelope is test, production or information | | | | |
| | | **CodeList Summary** (Total Codes: 3, Included: 2) | | | | |

**Code   Name**

P       Production Data

T       Test Data

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| ISA16 | I15 | **Component Element Separator** | M | | 1/1 | Must use |
| | | **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator | | | | |

# GS   Functional Group Header

**User Option (Usage):** Must use

**Purpose:** To indicate the beginning of a functional group and to provide control information

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| GS01 | 479 | **Functional Identifier Code** | M | ID | 2/2 | Must use |

**Description:** Code identifying a group of application related transaction sets

**CodeList Summary** (Total Codes: 240, Included: 1)

| Code | Name |
|------|------|
| IB | Inventory Inquiry/Advice (846) |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| GS02 | 142 | **Application Sender's Code** | M | AN | 2/15 | Must use |

**Description:** Code identifying party sending transmission; codes agreed to by trading partners

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| GS03 | 124 | **Application Receiver's Code** | M | AN | 2/15 | Must use |

**Description:** Code identifying party receiving transmission; codes agreed to by trading partners

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| GS04 | 373 | **Date** | M | DT | 8/8 | Must use |

**Description:** Date expressed as CCYYMMDD

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| GS05 | 337 | **Time** | M | TM | 4/8 | Must use |

**Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| GS06 | 28 | **Group Control Number** | M | N0 | 1/9 | Must use |

**Description:** Assigned number originated and maintained by the sender

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| GS07 | 455 | **Responsible Agency Code** | M | ID | 1/2 | Must use |

**Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

**CodeList Summary** (Total Codes: 2, Included: 1)

| Code | Name |
|------|------|
| X | Accredited Standards Committee X12 |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| GS08 | 480 | **Version / Release / Industry Identifier Code** | M | AN | 1/12 | Must use |

**Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code

| **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** | **Usage** |
|---------|--------|------------------|---------|----------|-------------|-----------|
|  |  | in DE455 in GS segment is T, then other formats are allowed |  |  |  |  |

**CodeList Summary** (Total Codes: 39, Included: 1)

| **Code** | **Name** |
|----------|----------|
| 004010 | Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997 |

# 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:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| 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 |
|---|---|
| 846 | Inventory Inquiry/Advice |

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

# BIA Beginning Segment for Inventory Inquiry/Advice

**User Option (Usage):** Must use

**Purpose:** To indicate the beginning of an Inventory Inquiry/Advice Transaction Set

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|--------------|-----|------|---------|-------|
| BIA01 | 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 |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|--------------|-----|------|---------|-------|
| BIA02 | 755 | **Report Type Code** | M | ID | 2/2 | Must use |

**Description:** Code indicating the title or contents of a document, report or supporting item

**CodeList Summary** (Total Codes: 522, Included: 1)

| Code | Name |
|------|------|
| DD | Distributor Inventory Report |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|--------------|-----|------|---------|-------|
| BIA03 | 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 | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|--------------|-----|------|---------|-------|
| BIA04 | 373 | **Date** | M | DT | 8/8 | Must use |

**Description:** Date expressed as CCYYMMDD

**User Note 1:** *Date inventory taken.*

# N1   Name

**User Option (Usage):** Used

**Purpose:** To identify a party by type of organization, name, and code

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| N101 | 98 | **Entity Identifier Code** | M | ID | 2/3 | Must use |

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

**CodeList Summary** (Total Codes: 1312, Included: 1)

| Code | Name |
|------|------|
| DS | Distributor |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| N102 | 93 | **Name** | X | AN | 1/60 | Used |

**Description:** Free-form name

**User Note 1:** *Simplot*

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| N103 | 66 | **Identification Code Qualifier** | X | ID | 1/2 | Used |

**Description:** Code designating the system/method of code structure used for Identification Code (67)

**CodeList Summary** (Total Codes: 215, Included: 1)

| Code | Name |
|------|------|
| 9 | D-U-N-S+4, D-U-N-S Number with Four Character Suffix |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| N104 | 67 | **Identification Code** | X | AN | 2/80 | Used |

**Description:** Code identifying a party or other code

**User Note 1:** *J. R. Simplot Co.DUNS+4 0377918920000*

# N1  Name

**User Option (Usage):** Used

**Purpose:** To identify a party by type of organization, name, and code

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| N101 | 98 | **Entity Identifier Code** | M | ID | 2/3 | Must use |

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

**CodeList Summary** (Total Codes: 1312, Included: 1)

| Code | Name |
|------|------|
| WH | Warehouse |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| N102 | 93 | **Name** | X | AN | 1/60 | Used |

**Description:** Free-form name

**User Note 1:** *Warehouse Name*

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| N103 | 66 | **Identification Code Qualifier** | X | ID | 1/2 | Used |

**Description:** Code designating the system/method of code structure used for Identification Code (67)

**CodeList Summary** (Total Codes: 215, Included: 1)

| Code | Name |
|------|------|
| 9 | D-U-N-S+4, D-U-N-S Number with Four Character Suffix |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| N104 | 67 | **Identification Code** | X | AN | 2/80 | Used |

**Description:** Code identifying a party or other code

**User Note 1:** *J.R. Simplot Co. Branch Plant Number*

# N3    Address Information

<table>
<tr><td>Pos: 100</td><td>Max: 2</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 2</td></tr>
</table>

**User Option (Usage):** Used

**Purpose:** To specify the location of the named party

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|--------------|-----|------|---------|-------|
| N301 | 166 | **Address Information** | M | AN | 1/55 | Must use |
| | | **Description:** Address information | | | | |
| N302 | 166 | **Address Information** | O | AN | 1/55 | Used |
| | | **Description:** Address information | | | | |

# N4 Geographic Location

**User Option (Usage):** Used
**Purpose:** To specify the geographic place of the named party

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-----|-----|-----|-----|-----|
| N401 | 19 | **City Name** | O | AN | 2/30 | Used |
| | | **Description:** Free-form text for city name | | | | |
| N402 | 156 | **State or Province Code** | O | ID | 2/2 | Used |
| | | **Description:** Code (Standard State/Province) as defined by appropriate government agency | | | | |
| N403 | 116 | **Postal Code** | O | ID | 3/15 | Used |
| | | **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | | | | |

## Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

## Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

# LIN Item Identification

**User Option (Usage):** Must use

**Purpose:** To specify basic item identification data

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| LIN02 | 235 | **Product/Service ID Qualifier** | M | ID | 2/2 | Must use |

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

**CodeList Summary** (Total Codes: 477, Included: 1)

| Code | Name |
|---|---|
| MG | Manufacturer's Part Number |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| LIN03 | 234 | **Product/Service ID** | M | AN | 1/48 | Must use |

**Description:** Identifying number for a product or service

# QTY   Quantity

**User Option (Usage):** Used

**Purpose:** To specify quantity information

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| QTY01 | 673 | **Quantity Qualifier** | M | ID | 2/2 | Must use |

**Description:** Code specifying the type of quantity

**CodeList Summary** (Total Codes: 832, Included: 2)

| Code | Name |
|---|---|
| 17 | Quantity on Hand, total amount of product physically on the floor. |
| 20 | Unusable Quantity |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| QTY02 | 380 | **Quantity** | X | R | 1/15 | Used |

**Description:** Numeric value of quantity

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| QTY03 | C001 | **Composite Unit of Measure** | O | Comp | | Used |

**Description:** To identify a composite unit of measure(See Figures Appendix for examples of use)

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| QTY03-01 | 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: 2)

| Code | Name |
|---|---|
| CA | Case |
| LB | Pound |

# CTT   Transaction Totals

**User Option (Usage):** Used

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

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|------|-----|--------------|-----|------|---------|-------|
| 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: 020** | **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:

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

# GE   Functional Group Trailer

| Pos: | Max: 1 |
|---|---|
| **Not Defined - Mandatory** | |
| Loop: N/A | Elements: 2 |

**User Option (Usage):** Must use

**Purpose:** To indicate the end of a functional group and to provide control information

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| GE01 | 97 | **Number of Transaction Sets Included** | M | N0 | 1/6 | Must use |

**Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| GE02 | 28 | **Group Control Number** | M | N0 | 1/9 | Must use |

**Description:** Assigned number originated and maintained by the sender

# IEA    Interchange Control Trailer

| Pos: | Max: 1 |
|---|---|
| **Not Defined - Mandatory** | |
| **Loop: N/A** | **Elements: 2** |

**User Option (Usage):** Must use

**Purpose:** To define the end of an interchange of zero or more functional groups and interchange-related control segments

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| IEA01 | I16 | **Number of Included Functional Groups** | M | N0 | 1/5 | Must use |
| | | **Description:** A count of the number of functional groups included in an interchange | | | | |
| IEA02 | I12 | **Interchange Control Number** | M | N0 | 9/9 | Must use |
| | | **Description:** A control number assigned by the interchange sender | | | | |