

# **Zoro Tools 846 Inventory Inquiry/Advice**

**X12/V5010/846: 846 Inventory Inquiry/Advice**

|                     |                         |
|---------------------|-------------------------|
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| <b>Publication:</b> | <b>2/20/2019</b>        |

# 846 Inventory Inquiry/Advice

## Functional Group=IB

**Purpose:** This X12 Transaction Set 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.

### Heading:

| <u>Pos</u>          | <u>Id</u> | <u>Segment Name</u>                            | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u>   | <u>Notes</u> | <u>Usage</u> |
|---------------------|-----------|------------------------------------------------|------------|----------------|-----------------|--------------|--------------|
| 0100                | ST        | Transaction Set Header                         | M          | 1              |                 |              | Must use     |
| 0200                | BIA       | Beginning Segment for Inventory Inquiry/Advice | M          | 1              |                 |              | Must use     |
| 0600                | REF       | Reference Information                          | M          | 1              |                 |              | Must use     |
| <b>LOOP ID - N1</b> |           |                                                |            |                | <b><u>1</u></b> |              |              |
| 0800                | N1        | Party Identification                           | M          | 1              |                 |              | Must use     |

### Detail:

| <u>Pos</u>           | <u>Id</u> | <u>Segment Name</u>      | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u>        | <u>Notes</u> | <u>Usage</u> |
|----------------------|-----------|--------------------------|------------|----------------|----------------------|--------------|--------------|
| <b>LOOP ID - LIN</b> |           |                          |            |                | <b><u>300000</u></b> |              |              |
| 0100                 | LIN       | Item Identification      | M          | 1              |                      |              | Must use     |
| 0300                 | PID       | Product/Item Description | M          | 2              |                      |              | Must use     |
| <b>LOOP ID - QTY</b> |           |                          |            |                | <b><u>2</u></b>      |              |              |
| 3200                 | QTY       | Quantity Information     | M          | 1              |                      |              | Must use     |
| 3550                 | DTM       | Date/Time Reference      | M          | 1              |                      |              | Must use     |

### Summary:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u>     | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> |
|------------|-----------|-------------------------|------------|----------------|---------------|--------------|--------------|
| 0100       | CTT       | Transaction Totals      | O          | 1              |               | N3/0100      | Used         |
| 0200       | SE        | Transaction Set Trailer | M          | 1              |               |              | Must use     |

### Notes:

3/0100 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.

### General Usage:

**Available Inventory (846)**- Suppliers will be expected send 846 files once a day representing available inventory (This does not have to be inventory allocated to Zoro Tools). The files are to represent Corporate Level Quantities unless suppliers are able to send by Ship From location. Suppliers are encouraged to send future quantities and dates but it is not required. Any items with current available quantity of 0 should still be included on the file, unless they are no longer active items.

### Change History:

10-9-19

Added 'TP' to QTY03 UOM list

12/13/2021

Updated QTY03 to only have EA, PR, and PK

*Added note that Zoro's item number always begins with G*  
*Added note that the vendor number in REF02 (REF01=IA) should be purely numeric*  
*Added note that DTM02 should be today's date when QTY01=33*  
*Added note that DTM02 should be a future date when QTY01=63*

# ST Transaction Set Header

|                     |             |
|---------------------|-------------|
| Pos: 0100           | 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:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u>             | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------------------|------------|-------------|----------------|--------------|
| ST01       | 143       | Transaction Set Identifier Code | M          | ID          | 3/3            | Must use     |

**Description:** Code uniquely identifying a Transaction Set

**CodeList Summary** (Total Codes: 318, Included: 1)

Code Name

846 Inventory Inquiry/Advice

|      |     |                                |   |    |     |          |
|------|-----|--------------------------------|---|----|-----|----------|
| 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

## Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

# BIA Beginning Segment for Inventory Inquiry/Advice

|                     |             |
|---------------------|-------------|
| Pos: 0200           | Max: 1      |
| Heading - Mandatory |             |
| Loop: N/A           | Elements: 4 |

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

**Purpose:** To indicate the beginning of an Inventory Inquiry/Advice 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> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------|------------|-------------|----------------|--------------|
| BIA01                                                                                                                                                                                                                                    | 353       | Transaction Set Purpose Code | M          | ID          | 2/2            | Must use     |
| <b>Description:</b> Code identifying purpose of transaction set<br><b>CodeList Summary</b> (Total Codes: 66, Included: 1)<br><u>Code</u> <u>Name</u><br>00 Original                                                                      |           |                              |            |             |                |              |
| BIA02                                                                                                                                                                                                                                    | 755       | Report Type Code             | M          | ID          | 2/2            | Must use     |
| <b>Description:</b> Code indicating the title or contents of a document, report or supporting item<br><b>CodeList Summary</b> (Total Codes: 541, Included: 1)<br><u>Code</u> <u>Name</u><br>MB Manufacturer/Distributor Inventory Report |           |                              |            |             |                |              |
| BIA03                                                                                                                                                                                                                                    | 127       | Reference Identification     | M          | AN          | 1/50           | Must use     |
| <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier<br><b>User Note 1:</b> Unique Reference Number to identify the 846                       |           |                              |            |             |                |              |
| BIA04                                                                                                                                                                                                                                    | 373       | Date                         | M          | DT          | 8/8            | Must use     |
| <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year                                                                                                                             |           |                              |            |             |                |              |

## Semantics:

1. BIA03 identifies the number of the inquiry/advice that is transferred.
2. BIA04 identifies the date of the inquiry/advice that is transferred.
3. BIA05 identifies the time of the inquiry/advice that is transferred.

# REF Reference Information

|                     |             |
|---------------------|-------------|
| Pos: 0600           | Max: 1      |
| Heading - Mandatory |             |
| Loop: N/A           | Elements: 2 |

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

**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

**CodeList Summary** (Total Codes: 1731, Included: 1)

Code Name

IA Internal Vendor Number

|       |     |                          |   |    |      |          |
|-------|-----|--------------------------|---|----|------|----------|
| REF02 | 127 | Reference Identification | M | AN | 1/50 | Must use |
|-------|-----|--------------------------|---|----|------|----------|

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**User Note 1:** When REF02=IA, this value should only contain numbers.

## Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

## Semantics:

1. REF04 contains data relating to the value cited in REF02.

# Loop Party Identification

|           |               |
|-----------|---------------|
| Pos: 0800 | Repeat: 1     |
| Mandatory |               |
| Loop: N1  | Elements: N/A |

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

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

## Loop Summary:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u>  | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Usage</u> |
|------------|-----------|----------------------|------------|----------------|---------------|--------------|
| 0800       | N1        | Party Identification | M          | 1              |               | Must use     |

# N1 Party Identification

|                     |             |
|---------------------|-------------|
| Pos: 0800           | Max: 1      |
| Heading - Mandatory |             |
| Loop: N1            | Elements: 4 |

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

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

## 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> |
|------------|-----------|---------------------------------------------------------------------------------------------------------------|------------|-------------|----------------|--------------|
| N101       | 98        | <b>Entity Identifier Code</b>                                                                                 | M          | ID          | 2/3            | Must use     |
|            |           | <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual |            |             |                |              |
|            |           | <b>CodeList Summary</b> (Total Codes: 1500, Included: 1)                                                      |            |             |                |              |
|            |           | <u>Code</u> <u>Name</u>                                                                                       |            |             |                |              |
|            |           | RL Reporting Location                                                                                         |            |             |                |              |
| N102       | 93        | <b>Name</b>                                                                                                   | M          | AN          | 1/60           | Must use     |
|            |           | <b>Description:</b> Free-form name                                                                            |            |             |                |              |
| N103       | 66        | <b>Identification Code Qualifier</b>                                                                          | X          | ID          | 1/2            | Used         |
|            |           | <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)    |            |             |                |              |
|            |           | <b>CodeList Summary</b> (Total Codes: 241, Included: 1)                                                       |            |             |                |              |
|            |           | <u>Code</u> <u>Name</u>                                                                                       |            |             |                |              |
|            |           | 91 Assigned by Seller or Seller's Agent                                                                       |            |             |                |              |
| N104       | 67        | <b>Identification Code</b>                                                                                    | X          | AN          | 2/80           | Used         |
|            |           | <b>Description:</b> Code identifying a party or other code                                                    |            |             |                |              |
|            |           | <b>User Note 1:</b> <i>If capable, please send by Ship From location</i>                                      |            |             |                |              |

## Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

## Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

# Loop Item Identification

|           |                   |
|-----------|-------------------|
| Pos: 0100 | Repeat:<br>300000 |
| Mandatory |                   |
| Loop: LIN | Elements: N/A     |

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

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

## Loop Summary:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u>      | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Usage</u> |
|------------|-----------|--------------------------|------------|----------------|---------------|--------------|
| 0100       | LIN       | Item Identification      | M          | 1              |               | Must use     |
| 0300       | PID       | Product/Item Description | M          | 2              |               | Must use     |
| 3200       |           | Loop QTY                 | M          |                | 2             | Must use     |

# LIN Item Identification

|                    |             |
|--------------------|-------------|
| Pos: 0100          | Max: 1      |
| Detail - Mandatory |             |
| Loop: LIN          | Elements: 7 |

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

**Purpose:** To specify basic item identification 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> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------|------------|-------------|----------------|--------------|
| LIN01                                                                                                                                                           | 350       | Assigned Identification      | O          | AN          | 1/20           | Used         |
| <b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set                                                               |           |                              |            |             |                |              |
| LIN02                                                                                                                                                           | 235       | Product/Service ID Qualifier | M          | ID          | 2/2            | Must use     |
| <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)                                                 |           |                              |            |             |                |              |
| <b>CodeList Summary</b> (Total Codes: 519, Included: 1)                                                                                                         |           |                              |            |             |                |              |
| <b><u>Code</u> <u>Name</u></b>                                                                                                                                  |           |                              |            |             |                |              |
| BP Buyer's Part Number                                                                                                                                          |           |                              |            |             |                |              |
| <b>User Note 1:</b>                                                                                                                                             |           |                              |            |             |                |              |
| <i>Zoro assigned item SKU. This value should always begin with G. If you do not have this value for your item, please contact Zoro for the cross reference.</i> |           |                              |            |             |                |              |
| LIN03                                                                                                                                                           | 234       | Product/Service ID           | M          | AN          | 1/48           | Must use     |
| <b>Description:</b> Identifying number for a product or service                                                                                                 |           |                              |            |             |                |              |
| LIN04                                                                                                                                                           | 235       | Product/Service ID Qualifier | M          | ID          | 2/2            | Must use     |
| <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)                                                 |           |                              |            |             |                |              |
| <b>CodeList Summary</b> (Total Codes: 519, Included: 1)                                                                                                         |           |                              |            |             |                |              |
| <b><u>Code</u> <u>Name</u></b>                                                                                                                                  |           |                              |            |             |                |              |
| VN Vendor's (Seller's) Item Number                                                                                                                              |           |                              |            |             |                |              |
| LIN05                                                                                                                                                           | 234       | Product/Service ID           | M          | AN          | 1/48           | Must use     |
| <b>Description:</b> Identifying number for a product or service                                                                                                 |           |                              |            |             |                |              |
| LIN06                                                                                                                                                           | 235       | Product/Service ID Qualifier | X          | ID          | 2/2            | Used         |
| <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)                                                 |           |                              |            |             |                |              |
| <b>CodeList Summary</b> (Total Codes: 519, Included: 1)                                                                                                         |           |                              |            |             |                |              |
| <b><u>Code</u> <u>Name</u></b>                                                                                                                                  |           |                              |            |             |                |              |
| UP UCC - 12                                                                                                                                                     |           |                              |            |             |                |              |
| LIN07                                                                                                                                                           | 234       | Product/Service ID           | X          | AN          | 1/48           | Used         |
| <b>Description:</b> Identifying number for a product or service                                                                                                 |           |                              |            |             |                |              |

## Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.

3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

**Semantics:**

1. LIN01 is the line item identification

**Comments:**

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

# PID Product/Item Description

|                    |             |
|--------------------|-------------|
| Pos: 0300          | Max: 2      |
| Detail - Mandatory |             |
| Loop: LIN          | Elements: 3 |

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

**Purpose:** To describe a product or process in coded or free-form format

## Element Summary:

| Ref   | Id  | Element Name          | Req | Type | Min/Max | Usage    |
|-------|-----|-----------------------|-----|------|---------|----------|
| PID01 | 349 | Item Description Type | M   | ID   | 1/1     | Must use |

**Description:** Code indicating the format of a description

**CodeList Summary** (Total Codes: 3, Included: 1)

Code Name

F Free-form

|       |     |                                     |   |    |     |          |
|-------|-----|-------------------------------------|---|----|-----|----------|
| PID02 | 750 | Product/Process Characteristic Code | M | ID | 2/3 | Must use |
|-------|-----|-------------------------------------|---|----|-----|----------|

**Description:** Code identifying the general class of a product or process characteristic

**CodeList Summary** (Total Codes: 238, Included: 1)

Code Name

08 Product

**User Note 1:**

*Mandatory*

|       |     |             |   |    |      |          |
|-------|-----|-------------|---|----|------|----------|
| PID05 | 352 | Description | M | AN | 1/80 | Must use |
|-------|-----|-------------|---|----|------|----------|

**Description:** A free-form description to clarify the related data elements and their content

## Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

## Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

## Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

## User Note 1:

*One iteration of the PID for the Product Description (PID05, when PID01=F and PID02=08) is required. The Product Description (PID05, when PID01=F and PID02=08) can repeat (up to 2 iterations) if needed.*

# Loop Quantity Information

|           |               |
|-----------|---------------|
| Pos: 3200 | Repeat: 2     |
| Mandatory |               |
| Loop: QTY | Elements: N/A |

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

**Purpose:** To specify quantity information

## Loop Summary:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u>  | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Usage</u> |
|------------|-----------|----------------------|------------|----------------|---------------|--------------|
| 3200       | QTY       | Quantity Information | M          | 1              |               | Must use     |
| 3550       | DTM       | Date/Time Reference  | M          | 1              |               | Must use     |

## User Note 1:

*One occurrence of QTY Loop is required for on-hand quantity (QTY02 where QTY01=33) with available date representing today's date (DTM02 where DTM01=018). If no on-hand quantity is available then a zero quantity should be sent.*

# QTY Quantity Information

|                    |             |
|--------------------|-------------|
| Pos: 3200          | Max: 1      |
| Detail - Mandatory |             |
| Loop: QTY          | Elements: 3 |

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

**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: 1123, Included: 2)

Code Name

33 Quantity Available for Sale (stock quantity)

**User Note 1:**

Available date (DTM02 when DTM01=018) should always be today's date.

63 On Order Quantity

**User Note 1:**

Quantity on Order (DTM02 (when DTM01=018) should be the date the quantity on order will be available).

|       |     |          |   |   |      |          |
|-------|-----|----------|---|---|------|----------|
| QTY02 | 380 | Quantity | M | R | 1/15 | Must use |
|-------|-----|----------|---|---|------|----------|

**Description:** Numeric value of quantity

|       |      |                           |   |      |  |          |
|-------|------|---------------------------|---|------|--|----------|
| QTY03 | C001 | Composite Unit of Measure | M | Comp |  | Must use |
|-------|------|---------------------------|---|------|--|----------|

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

|          |     |                                    |   |    |     |          |
|----------|-----|------------------------------------|---|----|-----|----------|
| 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: 844, Included: 3)

Code Name

EA Each

PK Package

PR Pair

## Semantics:

1. QTY04 is used when the quantity is non-numeric.

### User Note 1:

Please send multiple QTY/DTM segments if quantities are available on different dates.

For example: **15** are available on **1/1/2018** and **25** are available on **1/2/2018**

QTY\*33\***15**\*EA

DTM\*018\***20180101**

QTY\*63\***25**\*EA

DTM\*018\***20180201**

# DTM Date/Time Reference

|                    |             |
|--------------------|-------------|
| Pos: 3550          | Max: 1      |
| Detail - Mandatory |             |
| Loop: QTY          | Elements: 2 |

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

**Purpose:** To specify pertinent dates and times

## Element Summary:

| Ref   | Id  | Element Name        | Req | Type | Min/Max | Usage    |
|-------|-----|---------------------|-----|------|---------|----------|
| DTM01 | 374 | Date/Time Qualifier | M   | ID   | 3/3     | Must use |

**Description:** Code specifying type of date or time, or both date and time

**CodeList Summary** (Total Codes: 1280, Included: 1)

**Code Name**

018 Available

|       |     |      |   |    |     |          |
|-------|-----|------|---|----|-----|----------|
| DTM02 | 373 | Date | M | DT | 8/8 | Must use |
|-------|-----|------|---|----|-----|----------|

**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

**User Note 1:** When QTY01=33, this date must be the date the inventory feed is sent.  
When QTY01=63, this date must be a date in the future.

## Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

# CTT Transaction Totals

|                    |             |
|--------------------|-------------|
| Pos: 0100          | Max: 1      |
| Summary - Optional |             |
| Loop: N/A          | 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

## 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: 0200           | 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:

| <u>Ref</u>                                                                                                                                                      | <u>Id</u> | <u>Element Name</u>            | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------|------------|-------------|----------------|--------------|
| SE01                                                                                                                                                            | 96        | Number of Included Segments    | M          | N0          | 1/10           | Must use     |
| <b>Description:</b> 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     |
| <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set |           |                                |            |             |                |              |

## Comments:

1. SE is the last segment of each transaction set.