

# **EDI Implementation Requirements**

**Weekly Release (830)**

Dynax America Corporation

# Transaction Description

## Transaction Covered

Planning Schedule with Release Capability -- or Weekly Release (Transaction Set 830), abbreviated "PS".

## Application Standards and Conventions

The 830 set is based upon the *ANSI ASC X12 Version Release 004010* document.

## Mapping

A list of the Weekly Release business data elements and how they are transmitted via EDI Standards is provided in the transaction Specifications section.

## Exceptions/Clarifications

There are no Exceptions to ANSI Standards in this Transaction description.

## Schedule

The Weekly Release is usually transmitted by 12:00 noon Eastern Time. The seller should notify the buyer no later than 12:00 noon of the following production day if the seller has not received the Weekly Release.

## Specifications

It is possible for to transmit multiple Weekly Releases within one envelope. This means that there may be multiple transaction sets (ST-SE header/trailer segments) within one interchange envelope (ISAIEA header/trailer segments).

## Back-Up

In the event of a failure of Electronic Data Interchange, it is the responsibility of the sending party to transmit the contents of any pending Transmission to the receiving party using a method of non-EDI Transmission which is timely, reasonable, and appropriate under the circumstances.

# Transaction Specification Information

The following Transaction Specifications consist of two sections:

1. The first section is an overview of the transaction. It includes segment information as well as a visual depiction of the looping functionality.

🕒 **Note:** The Req. Des. for the first segment in a loop is also used for that corresponding loop.

2. The second section is the detailed specifications of the transaction. The attributes columns within this second section are explained as follows:

- The first column:  
M = Mandatory  
X = Conditional  
O = Optional
- The second column:  
ID = Identifier (a unique value from a predefined list from ANSI)  
DT = Date  
TM = Time  
AN = Alphanumeric  
R = Numeric with a variable decimal place  
Nx = Numeric with "x" decimal places
- The third column: x/y, where  
x = the minimum number of digits for this element and  
y = the maximum number of digits for this element.

# Transaction Specifications

## Functional Group ID=PS

### Heading:

Pos. Seg. Req. Loop

|              | No.<br>ID | Name | Des.                                    | Max.Use | Repeat |
|--------------|-----------|------|---|---------|--------|
| Must Use     | 10        | ST   | Transaction Set Header                  | M       | 1      |
| Must Use     | 20        | BFR  | Beginning Segment for Planning Schedule | M       | 1      |
|              | 60        | PER  | Text Message Identifier                 | O       | 1      |
| Must Use     | 130       | DTM  | Create Date                             | M       | 1      |
| Must Use     | 190       | TD5  | Carrier Details (SCAC)                  | M       | 1      |
| LOOP ID - N1 |           |      |   |         | 1      |
| Must Use     | 230       | N1   | Ordering Plant Location                 | M       | 1      |
| Must Use     | 240       | N2   | Corporate Name                          | M       | 1      |
| Must Use     | 280       | PER  | Contact                                 | M       | 1      |
| LOOP ID - N1 |           |      |   |         | 1      |
| Must Use     | 295       | N1   | Supplier Name                           | M       | 1      |
| Must Use     | 297       | N3   | Supplier Address                        | M       | 1      |
| Must Use     | 298       | N4   | Supplier Geographic Location            | M       | 1      |
| Must Use     | 299       | PER  | Supplier Contact                        | M       | 1      |

### Detail:

Pos. Seg. Req. Loop

|               | No.<br>ID | Name | Des.                         | Max.Use | Repeat |
|---------------|-----------|------|------------------------------|---------|--------|
| LOOP ID - LIN |           |      |                              |         | >1     |
| Must Use      | 10        | LIN  | Item Identification          |         | M      |
| Must Use      | 20        | UIT  | Unit Detail                  |         | M      |
|               | 21        | DTM  | Cum Last Received Date       |         | O      |
|               | 220       | QTY  | Cumulative Quantity          |         | O      |
| Must Use      | 240       | TD1  | Container Details            |         | M      |
| LOOP ID - N1  |           |      |                              |         | 1      |
| Must Use      | 320       | N1   | Ship To Location             | M       |        |
| Must Use      | 340       | N3   | Ship To Address              | M       |        |
| Must Use      | 350       | N4   | Ship To Geographic Location  | M       |        |
| LOOP ID - FST |           |      |                              |         | >1     |
| Must Use      | 410       | FST  | Forecast Schedule            |         |        |
| Must Use      | 298       | N4   | Supplier Geographic Location | M       | 1      |
| Must Use      | 299       | PER  | Supplier Contact             | M       | 1      |

### Summary:

Pos. Seg. Req. Loop

|          | No.<br>ID | Name | Des.                    | Max.Use | Repeat |
|----------|-----------|------|-------------------------|---------|--------|
| Must Use | 10        | CTT  | Transaction Totals      | M       | 1      |
| Must Use | 20        | SE   | Transaction Set Trailer | M       | 1      |

## ST Transaction Set Header

**Position:** 010

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

**Ref. Data**

**Des. Element Name Attributes**

|                 |             |            |  |          |               |
|-----------------|-------------|------------|--|----------|---------------|
| <b>Must Use</b> | <b>ST01</b> | <b>143</b> | <b>Transaction Set Identifier Code</b> | <b>M</b> | <b>ID 3/3</b> |
|-----------------|-------------|------------|--|----------|---------------|

Valid codes are listed below

|     |   |
|-----|---|
| 830 | Planning Schedule with Release Capability |
|-----|---|

|                 |             |            |                                       |          |               |
|-----------------|-------------|------------|---------------------------------------|----------|---------------|
| <b>Must Use</b> | <b>ST02</b> | <b>329</b> | <b>Transaction Set Control Number</b> | <b>M</b> | <b>AN 4/9</b> |
|-----------------|-------------|------------|---------------------------------------|----------|---------------|

This number will be unique (within a transaction set) and ascending. It may be sequential.

## BFR Beginning Segment for Planning Schedule

**Position:** 020

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

**Ref. Data**

**Des. Element Name Attributes**

|                 |              |            |                                     |          |               |
|-----------------|--------------|------------|-------------------------------------|----------|---------------|
| <b>Must Use</b> | <b>BFR01</b> | <b>353</b> | <b>Transaction Set Purpose Code</b> | <b>M</b> | <b>ID 2/2</b> |
|-----------------|--------------|------------|-------------------------------------|----------|---------------|

Valid codes listed below

|    |         |
|----|---------|
| 05 | Replace |
|----|---------|

|                 |              |            |                                 |          |                |
|-----------------|--------------|------------|---------------------------------|----------|----------------|
| <b>Must Use</b> | <b>BFR02</b> | <b>127</b> | <b>Reference Identification</b> | <b>M</b> | <b>AN 1/14</b> |
|-----------------|--------------|------------|---------------------------------|----------|----------------|

This number links all line items (LIN loops) on this 830 together. It is also used to link to the 864 text transaction.

|                 |              |            |                                |          |               |
|-----------------|--------------|------------|--------------------------------|----------|---------------|
| <b>Must Use</b> | <b>BFR04</b> | <b>675</b> | <b>Schedule Type Qualifier</b> | <b>M</b> | <b>ID 2/2</b> |
|-----------------|--------------|------------|--------------------------------|----------|---------------|

Valid codes listed below

|    |                           |
|----|---------------------------|
| PR | Planned Requirement Based |
|----|---------------------------|

The qualifier will be used for Production 830's.

|                 |              |            |                                    |          |               |
|-----------------|--------------|------------|------------------------------------|----------|---------------|
| <b>Must Use</b> | <b>BFR05</b> | <b>676</b> | <b>Schedule Quantity Qualifier</b> | <b>M</b> | <b>ID 1/1</b> |
|-----------------|--------------|------------|------------------------------------|----------|---------------|

Valid codes listed below

|   |                        |
|---|------------------------|
| R | Replacement Quantities |
|---|------------------------|

|                 |              |            |                            |          |               |
|-----------------|--------------|------------|----------------------------|----------|---------------|
| <b>Must Use</b> | <b>BFR06</b> | <b>373</b> | <b>Forecast Start Date</b> | <b>M</b> | <b>DT 8/8</b> |
|-----------------|--------------|------------|----------------------------|----------|---------------|

Date expressed as CCYYMMDD

|                 |              |            |                       |          |               |
|-----------------|--------------|------------|-----------------------|----------|---------------|
| <b>Must Use</b> | <b>BFR08</b> | <b>373</b> | <b>Date Generated</b> | <b>M</b> | <b>DT 8/8</b> |
|-----------------|--------------|------------|-----------------------|----------|---------------|

Date expressed as CCYYMMDD

## DTM Create Date

**Position:** 130

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

**Ref. Data**

**Des. Element Name Attributes**

|                 |              |            |                                   |          |               |
|-----------------|--------------|------------|-----------------------------------|----------|---------------|
| <b>Must Use</b> | <b>DTM01</b> | <b>374</b> | <b>Date/Time Qualifier-Create</b> | <b>M</b> | <b>ID 3/3</b> |
|-----------------|--------------|------------|-----------------------------------|----------|---------------|

Valid codes listed below

167

Most Recent Revision (or Initial Version)

|                 |              |            |                    |          |               |
|-----------------|--------------|------------|--------------------|----------|---------------|
| <b>Must Use</b> | <b>DTM02</b> | <b>373</b> | <b>Create Date</b> | <b>M</b> | <b>DT 8/8</b> |
|-----------------|--------------|------------|--------------------|----------|---------------|

This is the date this document was created. Date expressed as CCYYMMDD.

|                 |              |            |                    |          |               |
|-----------------|--------------|------------|--------------------|----------|---------------|
| <b>Must Use</b> | <b>DTM03</b> | <b>337</b> | <b>Create Time</b> | <b>M</b> | <b>TM 4/4</b> |
|-----------------|--------------|------------|--------------------|----------|---------------|

This is the time this document was created. Time expressed in 24-hour clock time as HHMM.

## TD5 Carrier Details (SCAC)

**Position:** 190

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

**Ref. Data**

**Des. Element Name Attributes**

|                 |              |           |                            |          |               |
|-----------------|--------------|-----------|----------------------------|----------|---------------|
| <b>Must Use</b> | <b>TD502</b> | <b>66</b> | <b>SCAC Code Qualifier</b> | <b>M</b> | <b>ID 1/2</b> |
|-----------------|--------------|-----------|----------------------------|----------|---------------|

Valid codes listed below

2

Standard Carrier Alpha Code (SCAC)

|                 |              |           |                  |          |               |
|-----------------|--------------|-----------|------------------|----------|---------------|
| <b>Must Use</b> | <b>TD503</b> | <b>67</b> | <b>SCAC Code</b> | <b>M</b> | <b>AN 4/4</b> |
|-----------------|--------------|-----------|------------------|----------|---------------|

- The Standard Carrier Alpha Code (SCAC) of the carrier

## N1 Ordering Plant Location

**Position:** 230

**Loop:** N1 Mandatory

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

#### Ref. Data

#### Des. Element Name Attributes

|                 |             |           |                             |          |               |
|-----------------|-------------|-----------|-----------------------------|----------|---------------|
| <b>Must Use</b> | <b>N101</b> | <b>98</b> | <b>Plant Name Qualifier</b> | <b>M</b> | <b>ID 2/2</b> |
|-----------------|-------------|-----------|-----------------------------|----------|---------------|

Valid codes listed below

|    |       |
|----|-------|
| 16 | Plant |
|----|-------|

|                 |             |           |                   |          |                |
|-----------------|-------------|-----------|-------------------|----------|----------------|
| <b>Must Use</b> | <b>N102</b> | <b>93</b> | <b>Plant Name</b> | <b>M</b> | <b>AN 1/35</b> |
|-----------------|-------------|-----------|-------------------|----------|----------------|

|                 |             |           |                           |          |               |
|-----------------|-------------|-----------|---------------------------|----------|---------------|
| <b>Must Use</b> | <b>N103</b> | <b>66</b> | <b>Plant ID Qualifier</b> | <b>M</b> | <b>ID 1/2</b> |
|-----------------|-------------|-----------|---------------------------|----------|---------------|

Valid codes listed below

|    |                   |
|----|-------------------|
| 98 | Purchasing Office |
|----|-------------------|

|                 |             |           |                 |          |               |
|-----------------|-------------|-----------|-----------------|----------|---------------|
| <b>Must Use</b> | <b>N104</b> | <b>67</b> | <b>Plant ID</b> | <b>M</b> | <b>AN 3/3</b> |
|-----------------|-------------|-----------|-----------------|----------|---------------|

## N2 Corporate Name

**Position:** 240

**Loop:** N1 Mandatory

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

#### Ref. Data

#### Des. Element Name Attributes

|                 |             |           |                       |          |                |
|-----------------|-------------|-----------|-----------------------|----------|----------------|
| <b>Must Use</b> | <b>N201</b> | <b>93</b> | <b>Corporate Name</b> | <b>M</b> | <b>AN 1/35</b> |
|-----------------|-------------|-----------|-----------------------|----------|----------------|

## PER Contact

**Position:** 280

**Loop:** N1 Mandatory

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

#### Ref. Data

#### Des. Element Name Attributes

|                 |              |            |                     |          |               |
|-----------------|--------------|------------|---------------------|----------|---------------|
| <b>Must Use</b> | <b>PER01</b> | <b>366</b> | <b>Contact Code</b> | <b>M</b> | <b>ID 2/2</b> |
|-----------------|--------------|------------|---------------------|----------|---------------|

Valid codes listed below

|    |                          |
|----|--------------------------|
| BD | Buyer Name or Department |
|----|--------------------------|

|                 |              |           |                     |          |                |
|-----------------|--------------|-----------|---------------------|----------|----------------|
| <b>Must Use</b> | <b>PER02</b> | <b>93</b> | <b>Planner Name</b> | <b>M</b> | <b>AN 1/35</b> |
|-----------------|--------------|-----------|---------------------|----------|----------------|

## N1 Supplier Name

**Position:** 295

**Loop:** N1 Mandatory

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

#### Ref. Data

#### Des. Element Name Attributes

|                 |             |           |                                 |          |               |
|-----------------|-------------|-----------|---------------------------------|----------|---------------|
| <b>Must Use</b> | <b>N101</b> | <b>98</b> | <b>Supplier Identifier Code</b> | <b>M</b> | <b>ID 2/2</b> |
|-----------------|-------------|-----------|---------------------------------|----------|---------------|

Valid codes listed below

|    |                       |
|----|-----------------------|
| SU | Supplier/Manufacturer |
|----|-----------------------|

|                 |             |           |                      |          |                |
|-----------------|-------------|-----------|----------------------|----------|----------------|
| <b>Must Use</b> | <b>N102</b> | <b>93</b> | <b>Supplier Name</b> | <b>M</b> | <b>AN 1/35</b> |
|-----------------|-------------|-----------|----------------------|----------|----------------|

|                 |             |           |   |          |               |
|-----------------|-------------|-----------|---|----------|---------------|
| <b>Must Use</b> | <b>N103</b> | <b>66</b> | <b>Supplier Identification Code Qualifier</b> | <b>M</b> | <b>ID 1/2</b> |
|-----------------|-------------|-----------|---|----------|---------------|

Valid codes listed below

|    |                                    |
|----|------------------------------------|
| 92 | Assigned by Buyer or Buyer's Agent |
|----|------------------------------------|

|                 |             |           |                                     |          |               |
|-----------------|-------------|-----------|-------------------------------------|----------|---------------|
| <b>Must Use</b> | <b>N104</b> | <b>67</b> | <b>Supplier Number and Loc Code</b> | <b>M</b> | <b>AN 8/8</b> |
|-----------------|-------------|-----------|-------------------------------------|----------|---------------|

An 8-digit code assigned to identify a specific supplier and location.

## N3 Supplier Address

**Position:** 297

**Loop:** N1 Mandatory

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

#### Ref. Data

#### Des. Element Name Attributes

|                 |             |            |                             |          |                |
|-----------------|-------------|------------|-----------------------------|----------|----------------|
| <b>Must Use</b> | <b>N301</b> | <b>166</b> | <b>Supplier Address - 1</b> | <b>M</b> | <b>AN 1/30</b> |
|-----------------|-------------|------------|-----------------------------|----------|----------------|

Supplier street address - 1

|             |            |                             |          |                |
|-------------|------------|-----------------------------|----------|----------------|
| <b>N302</b> | <b>166</b> | <b>Supplier Address - 2</b> | <b>O</b> | <b>AN 1/30</b> |
|-------------|------------|-----------------------------|----------|----------------|

Supplier street address - 2



## N4 Supplier Geographic Location

**Position:** 298

**Loop:** N1 Mandatory

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

#### Ref. Data

#### Des. Element Name Attributes

|                                 |             |            |                               |          |                |
|---------------------------------|-------------|------------|-------------------------------|----------|----------------|
| <b>Must Use</b>                 | <b>N401</b> | <b>19</b>  | <b>City Name</b>              | <b>M</b> | <b>AN 2/30</b> |
| Supplier's city name            |             |            |                               |          |                |
| <b>Must Use</b>                 | <b>N402</b> | <b>156</b> | <b>State or Province Code</b> | <b>M</b> | <b>ID 2/2</b>  |
| Supplier state or province name |             |            |                               |          |                |
| <b>Must Use</b>                 | <b>N403</b> | <b>116</b> | <b>Postal Code</b>            | <b>M</b> | <b>ID 3/10</b> |
| Supplier zip or postal code     |             |            |                               |          |                |
| <b>Must Use</b>                 | <b>N404</b> | <b>26</b>  | <b>Country Code</b>           | <b>M</b> | <b>ID 2/3</b>  |
| Supplier Country Code           |             |            |                               |          |                |

## PER Supplier Contact

**Position:** 299

**Loop:** N1 Mandatory

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

#### Ref. Data

#### Des. Element Name Attributes

|                          |              |            |                              |          |                |
|--------------------------|--------------|------------|------------------------------|----------|----------------|
| <b>Must Use</b>          | <b>PER01</b> | <b>366</b> | <b>Supplier Contact Code</b> | <b>M</b> | <b>ID 2/2</b>  |
| Valid codes listed below |              |            |                              |          |                |
| SU                       |              |            | Supplier Contact             |          |                |
| <b>Must Use</b>          | <b>PER02</b> | <b>93</b>  | <b>Supplier Contact Name</b> | <b>M</b> | <b>AN 1/30</b> |

# LIN Item Identification

**Position:** 010

**Loop:** LIN Mandatory

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

## Data Element Summary

### Ref. Data

#### Des. Element Name Attributes

|                 |              |            |                                       |          |               |
|-----------------|--------------|------------|---------------------------------------|----------|---------------|
| <b>Must Use</b> | <b>LIN02</b> | <b>235</b> | <b>Mfg Base Part Number Qualifier</b> | <b>M</b> | <b>ID 2/2</b> |
|-----------------|--------------|------------|---------------------------------------|----------|---------------|

Valid codes listed below

BP Buyer's Part Number

|                 |              |            |                                       |          |                |
|-----------------|--------------|------------|---------------------------------------|----------|----------------|
| <b>Must Use</b> | <b>LIN03</b> | <b>234</b> | <b>Mfg Base Part Number and Color</b> | <b>M</b> | <b>AN 1/29</b> |
|-----------------|--------------|------------|---------------------------------------|----------|----------------|

|              |            |                                |          |               |
|--------------|------------|--------------------------------|----------|---------------|
| <b>LIN04</b> | <b>235</b> | <b>DC Part Level Qualifier</b> | <b>X</b> | <b>ID 2/2</b> |
|--------------|------------|--------------------------------|----------|---------------|

Valid codes listed below:

BE Buyer's Engineering Change Level Number

- "BE" Qualifier indicates the part must be shipped at this Design change level.

EC Engineering Change Level

|              |            |                      |          |               |
|--------------|------------|----------------------|----------|---------------|
| <b>LIN05</b> | <b>234</b> | <b>DC Part Level</b> | <b>X</b> | <b>AN 1/6</b> |
|--------------|------------|----------------------|----------|---------------|

|                 |              |            |                                   |          |               |
|-----------------|--------------|------------|-----------------------------------|----------|---------------|
| <b>Must Use</b> | <b>LIN06</b> | <b>235</b> | <b>Part Description Qualifier</b> | <b>M</b> | <b>ID 2/2</b> |
|-----------------|--------------|------------|-----------------------------------|----------|---------------|

Valid codes listed below

PD Part Number Description

|                 |              |            |                         |          |                |
|-----------------|--------------|------------|-------------------------|----------|----------------|
| <b>Must Use</b> | <b>LIN07</b> | <b>234</b> | <b>Part Description</b> | <b>M</b> | <b>AN 1/30</b> |
|-----------------|--------------|------------|-------------------------|----------|----------------|

|                 |              |            |                                 |          |               |
|-----------------|--------------|------------|---------------------------------|----------|---------------|
| <b>Must Use</b> | <b>LIN08</b> | <b>235</b> | <b>Release Number Qualifier</b> | <b>M</b> | <b>ID 2/2</b> |
|-----------------|--------------|------------|---------------------------------|----------|---------------|

Valid codes listed below

RN Release Number

|                 |              |            |                       |          |                |
|-----------------|--------------|------------|-----------------------|----------|----------------|
| <b>Must Use</b> | <b>LIN09</b> | <b>234</b> | <b>Release Number</b> | <b>M</b> | <b>AN 1/10</b> |
|-----------------|--------------|------------|-----------------------|----------|----------------|

This number is an application reference number.

|              |            |                                 |          |               |
|--------------|------------|---------------------------------|----------|---------------|
| <b>LIN10</b> | <b>235</b> | <b>Project Number Qualifier</b> | <b>X</b> | <b>ID 2/2</b> |
|--------------|------------|---------------------------------|----------|---------------|

Valid codes listed below:

L1 Program Level

|              |            |                       |          |               |
|--------------|------------|-----------------------|----------|---------------|
| <b>LIN11</b> | <b>234</b> | <b>Project Number</b> | <b>X</b> | <b>AN 1/6</b> |
|--------------|------------|-----------------------|----------|---------------|

## UIT Unit Detail

**Position:** 020  
**Loop:** LIN Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1

### Data Element Summary

#### Ref. Data

#### Des. Element Name Attributes

|                 |               |             |   |               |
|-----------------|---------------|-------------|---|---------------|
| <b>Must Use</b> | <b>UIT01</b>  | <b>C001</b> | <b>Composite Unit of Measure</b>          | <b>M</b>      |
| <b>Must Use</b> | <b>C00101</b> | <b>355</b>  | <b>Unit or Basis for Measurement Code</b> | <b>ID 2/2</b> |

Refer to ANSI guidelines for a list of valid codes

## DTM Cumulative Last Received Date

**Position:** 021  
**Loop:** LIN Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1

### Data Element Summary

#### Ref. Data

#### Des. Element Name Attributes

|                 |              |            |                            |          |               |
|-----------------|--------------|------------|----------------------------|----------|---------------|
| <b>Must Use</b> | <b>DTM01</b> | <b>374</b> | <b>Date/Time Qualifier</b> | <b>M</b> | <b>ID 3/3</b> |
|-----------------|--------------|------------|----------------------------|----------|---------------|

Valid codes are listed below:

|     |                                   |
|-----|-----------------------------------|
| 311 | Latest Receiving Date/Cutoff Date |
|-----|-----------------------------------|

|                 |              |            |                                  |          |               |
|-----------------|--------------|------------|----------------------------------|----------|---------------|
| <b>Must Use</b> | <b>DTM02</b> | <b>373</b> | <b>Cum Qty Last Receipt Date</b> | <b>M</b> | <b>DT 8/8</b> |
|-----------------|--------------|------------|----------------------------------|----------|---------------|

Date expressed as CCYYMMDD

|                 |              |            |                                  |          |               |
|-----------------|--------------|------------|----------------------------------|----------|---------------|
| <b>Must Use</b> | <b>DTM03</b> | <b>337</b> | <b>Cum Qty Last Receipt Time</b> | <b>M</b> | <b>TM 4/4</b> |
|-----------------|--------------|------------|----------------------------------|----------|---------------|

Time expressed in 24-hour clock time as HHMM

## QTY Cumulative Quantity

**Position:** 220

**Loop:** LIN Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

### Data Element Summary

#### Ref. Data

#### Des. Element Name Attributes

|                 |              |            |                           |          |               |
|-----------------|--------------|------------|---------------------------|----------|---------------|
| <b>Must Use</b> | <b>QTY01</b> | <b>673</b> | <b>Quantity Qualifier</b> | <b>M</b> | <b>ID 2/2</b> |
|-----------------|--------------|------------|---------------------------|----------|---------------|

Valid codes listed below

02

Cumulative Quantity

|                 |              |            |                            |          |               |
|-----------------|--------------|------------|----------------------------|----------|---------------|
| <b>Must Use</b> | <b>QTY02</b> | <b>380</b> | <b>Cumulative Quantity</b> | <b>M</b> | <b>R 1/15</b> |
|-----------------|--------------|------------|----------------------------|----------|---------------|

## TD1 Container Details

**Position:** 240

**Loop:** LIN Mandatory

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

#### Ref. Data

#### Des. Element Name Attributes

|                 |              |           |                               |          |               |
|-----------------|--------------|-----------|-------------------------------|----------|---------------|
| <b>Must Use</b> | <b>TD102</b> | <b>80</b> | <b>Quantity Per Container</b> | <b>M</b> | <b>N0 1/7</b> |
|-----------------|--------------|-----------|-------------------------------|----------|---------------|

|                 |              |           |                       |          |                |
|-----------------|--------------|-----------|-----------------------|----------|----------------|
| <b>Must Use</b> | <b>TD105</b> | <b>79</b> | <b>Container Type</b> | <b>M</b> | <b>AN 1/10</b> |
|-----------------|--------------|-----------|-----------------------|----------|----------------|

- Container type as designated

## N1 Ship To Location

**Position:** 320

**Loop:** N1 Mandatory

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

#### Ref. Data

#### Des. Element Name Attributes

|                 |             |           |                               |          |               |
|-----------------|-------------|-----------|-------------------------------|----------|---------------|
| <b>Must Use</b> | <b>N101</b> | <b>98</b> | <b>Entity Identifier Code</b> | <b>M</b> | <b>ID 2/2</b> |
|-----------------|-------------|-----------|-------------------------------|----------|---------------|

Valid codes are listed below

|    |         |
|----|---------|
| ST | Ship To |
|----|---------|

|                 |             |           |                     |          |                |
|-----------------|-------------|-----------|---------------------|----------|----------------|
| <b>Must Use</b> | <b>N102</b> | <b>93</b> | <b>Ship To Name</b> | <b>M</b> | <b>AN 1/35</b> |
|-----------------|-------------|-----------|---------------------|----------|----------------|

|                 |             |           |                               |          |               |
|-----------------|-------------|-----------|-------------------------------|----------|---------------|
| <b>Must Use</b> | <b>N103</b> | <b>66</b> | <b>Ship To Code Qualifier</b> | <b>M</b> | <b>ID 1/2</b> |
|-----------------|-------------|-----------|-------------------------------|----------|---------------|

Valid Code Listed Below

|    |                                    |
|----|------------------------------------|
| 92 | Assigned by Buyer or Buyer's Agent |
|----|------------------------------------|

|                 |             |           |                     |          |               |
|-----------------|-------------|-----------|---------------------|----------|---------------|
| <b>Must Use</b> | <b>N104</b> | <b>67</b> | <b>Ship To Code</b> | <b>M</b> | <b>AN 2/8</b> |
|-----------------|-------------|-----------|---------------------|----------|---------------|

This is the code assigned by for this ship to location

## N3 Ship To Address

**Position:** 340

**Loop:** N1 Mandatory

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

#### Ref. Data

#### Des. Element Name Attributes

|                 |             |            |                          |          |                |
|-----------------|-------------|------------|--------------------------|----------|----------------|
| <b>Must Use</b> | <b>N301</b> | <b>166</b> | <b>Ship To Address 1</b> | <b>M</b> | <b>AN 1/30</b> |
|-----------------|-------------|------------|--------------------------|----------|----------------|

|             |            |                          |          |                |
|-------------|------------|--------------------------|----------|----------------|
| <b>N302</b> | <b>166</b> | <b>Ship To Address 2</b> | <b>O</b> | <b>AN 1/30</b> |
|-------------|------------|--------------------------|----------|----------------|

## N4 Ship To Geographic Location

**Position:** 350

**Loop:** N1 Mandatory

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

#### Ref. Data

#### Des. Element Name Attributes

|          |      |     |                                |   |         |
|----------|------|-----|--------------------------------|---|---------|
| Must Use | N401 | 19  | Ship To City                   | M | AN 2/30 |
| Must Use | N402 | 156 | Ship To State or Province Code | M | ID 2/2  |
| Must Use | N403 | 116 | Ship To Postal Code            | M | ID 3/10 |
| Must Use | N404 | 26  | Ship To Country Code           | M | ID 2/3  |

# FST Forecast Schedule

**Position:** 410

**Loop:** FST Mandatory

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

## Data Element Summary

### Ref. Data

#### Des. Element Name Attributes

|                 |              |            |                 |          |               |
|-----------------|--------------|------------|-----------------|----------|---------------|
| <b>Must Use</b> | <b>FST01</b> | <b>380</b> | <b>Quantity</b> | <b>M</b> | <b>R 1/15</b> |
|-----------------|--------------|------------|-----------------|----------|---------------|

|                 |              |            |                           |          |               |
|-----------------|--------------|------------|---------------------------|----------|---------------|
| <b>Must Use</b> | <b>FST02</b> | <b>680</b> | <b>Forecast Qualifier</b> | <b>M</b> | <b>ID 1/1</b> |
|-----------------|--------------|------------|---------------------------|----------|---------------|

Valid codes are listed below. Only one Forecast Qualifier can be used per time bucket.

C Firm

- For Production 830's this will be immediate or past due demand.

D Planning

- For Production 830's this will be a forecast of future demand.

X Modification

- For Production 830's this will not be present.

|                 |              |            |                                  |          |               |
|-----------------|--------------|------------|----------------------------------|----------|---------------|
| <b>Must Use</b> | <b>FST03</b> | <b>681</b> | <b>Forecast Timing Qualifier</b> | <b>M</b> | <b>ID 1/1</b> |
|-----------------|--------------|------------|----------------------------------|----------|---------------|

Valid codes are listed below:

C Daily

M Monthly Bucket (Calendar Months)

T Four week bucket (13 buckets per year)

W Weekly Bucket (Monday through Sunday)

|                 |              |            |                          |          |               |
|-----------------|--------------|------------|--------------------------|----------|---------------|
| <b>Must Use</b> | <b>FST04</b> | <b>373</b> | <b>Date-Period Start</b> | <b>M</b> | <b>DT 8/8</b> |
|-----------------|--------------|------------|--------------------------|----------|---------------|

- This is the forecast start date.

- Beginning date of period if weekly, four week or monthly buckets. Actual date of period if daily.

- For weekly and four week buckets, the periods are calculated sequentially on a weekly basis, always starting on a Monday.

- Date expressed as CCYYMMDD.

## CTT Transaction Totals

**Position:** 010

**Loop:**

**Level:** Summary

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

**Ref. Data**

**Des. Element Name Attributes**

|                 |              |            |                             |          |               |
|-----------------|--------------|------------|-----------------------------|----------|---------------|
| <b>Must Use</b> | <b>CTT01</b> | <b>354</b> | <b>Number of Line Items</b> | <b>M</b> | <b>N0 1/6</b> |
|-----------------|--------------|------------|-----------------------------|----------|---------------|

The accumulation of the number of LIN segments.

|                 |              |            |                   |          |               |
|-----------------|--------------|------------|-------------------|----------|---------------|
| <b>Must Use</b> | <b>CTT02</b> | <b>347</b> | <b>Hash Total</b> | <b>M</b> | <b>R 1/10</b> |
|-----------------|--------------|------------|-------------------|----------|---------------|

Sum of the values of the quantities (FST01) for each segment.

## SE Transaction Set Trailer

**Position:** 020

**Loop:**

**Level:** Summary

**Usage:** Mandatory

**Max Use:** 1

### Data Element Summary

**Ref. Data**

**Des. Element Name Attributes**

|                 |             |           |                                    |          |                |
|-----------------|-------------|-----------|------------------------------------|----------|----------------|
| <b>Must Use</b> | <b>SE01</b> | <b>96</b> | <b>Number of Included Segments</b> | <b>M</b> | <b>N0 1/10</b> |
|-----------------|-------------|-----------|------------------------------------|----------|----------------|

|                 |             |            |                                       |          |               |
|-----------------|-------------|------------|---------------------------------------|----------|---------------|
| <b>Must Use</b> | <b>SE02</b> | <b>329</b> | <b>Transaction Set Control Number</b> | <b>M</b> | <b>AN 4/9</b> |
|-----------------|-------------|------------|---------------------------------------|----------|---------------|



# Replacement Logic

## Replacement:

sends the 830 as a replacement document. The 830 purpose code transmitted in the BFR01 element is always 05, replace. A document may be replaced for various reasons; including replacing an error in a previous document or issuing a new weekly release that replaces the previous weekly release.

Supplier systems should have the capability to compare successive incoming Weekly Releases and replace items that are identical for change points listed below.

Replacement of items from the new 830 should be based upon a match of:

- Schedule Type Qualifier, BFR04 (Position 020)
- Plant ID, N104 (Position 230)
- Manufacturing Base Part Number and Color, LIN03 (Position 010)
- Ship To Code, N104 (Position 320)

Usually an 830 consists of a full range of supplier's parts, but it could be a subset of supplier parts.

## Retransmission:

can retransmit the 830 document also. Retransmission will only occur when the supplier requests the EDI document. This is typically because the supplier had some problem in the translation processing.

- A retransmitted document can be overlaid based upon the same logic as the replacement logic above.