



**General
Mills**

**Making Food
People Love**

300 Reservation (Booking Request) (Ocean)

X12/V4010/300 : 300 Reservation (Booking Request) (Ocean)

Company:

General Mills

Modified:

1/11/2018

Notes:

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300 Reservation (Booking Request) (Ocean)

Functional Group=RO

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Reservation (Booking Request) (Ocean) Transaction Set (300) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a shipper or a forwarder to reserve space, containers and equipment for transport by ocean vessel.

Not Defined:

| <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> |
|------------|-----------|----------------------------|------------|----------------|---------------|--------------|--------------|
| | ISA | Interchange Control Header | M | 1 | | | Must use |
| | GS | Functional Group Header | M | 1 | | | Must use |

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> |
|------------|-----------|---|------------|----------------|---------------|--------------|--------------|
| 010 | ST | Transaction Set Header | M | 1 | | | Must use |
| 020 | B1 | Beginning Segment for Booking or Pick-up/Delivery | M | 1 | | | Must use |
| 025 | G61 | Contact | O | 3 | | | Used |
| 030 | Y6 | Authentication | O | 2 | | | Used |
| 050 | Y1 | Space Reservation Request | M | 1 | | | Must use |
| 069 | N9 | Reference Identification | O | 100 | | | Used |

LOOP ID - N1 10

| | | | | | | | |
|-----|----|-----------------------------|---|---|--|--|----------|
| 080 | N1 | Name | M | 1 | | | Must use |
| 090 | N2 | Additional Name Information | O | 1 | | | Used |
| 100 | N3 | Address Information | O | 2 | | | Used |
| 110 | N4 | Geographic Location | O | 1 | | | Used |

LOOP ID - R4 20

| | | | | | | | |
|-----|-----|---------------------|---|----|--|--|----------|
| 130 | R4 | Port or Terminal | M | 1 | | | Must use |
| 140 | DTM | Date/Time Reference | O | 15 | | | Used |

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> |
|---------------------|-----------|---------------------------------|------------|----------------|---------------|--------------|--------------|
| <u>LOOP ID - LX</u> | | | | | <u>999</u> | | |
| 010 | LX | Assigned Number | M | 1 | | | Must use |
| 020 | N7 | Equipment Details | O | 1 | | | Used |
| 021 | W09 | Equipment and Temperature | O | 1 | | | Used |
| 040 | L0 | Line Item - Quantity and Weight | O | 1 | | | Used |
| 050 | L5 | Description, Marks and Numbers | O | 1 | | | Used |
| 110 | K1 | Remarks | O | 2 | | | Used |

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> |
|------------|-----------|-------------------------|------------|----------------|---------------|--------------|--------------|
| 010 | SE | Transaction Set Trailer | M | 1 | | | Must use |

Not Defined:

| <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> |
|------------|-----------|-----------------------------|------------|----------------|---------------|--------------|--------------|
| | GE | Functional Group Trailer | M | 1 | | | Must use |
| | IEA | Interchange Control Trailer | M | 1 | | | Must use |

ISA Interchange Control Header

| | |
|--------------------------------|---------------------|
| Pos: | Max: 1 |
| Not Defined - Mandatory | |
| Loop: N/A | Elements: 16 |

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:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|---|-----------|--|------------|-------------|----------------|--------------|
| 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) | | | | | | |
| 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) | | | | | | |
| 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) | | | | | | |
| 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) | | | | | | |
| 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 | | | | | | |
| CodeList Summary (Total Codes: 38, Included: 1) | | | | | | |
| Code Name | | | | | | |
| 08 UCC EDI Communications ID (Comm ID) | | | | | | |
| 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 | | | | | | |
| General Mills Note: | | | | | | |
| <i>General Mills ID = 9251190000</i> | | | | | | |
| 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 | | | | | | |
| All valid standard codes are used. (Total Codes: 38) | | | | | | |
| 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 route data to them | | | | | | |
| ISA09 | I08 | Interchange Date | M | DT | 6/6 | Must use |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-------|-----|---|--|------|---------|----------|
| | | 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 | | | |
| 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: 1) | | | | |
| | | Code | Name | | | |
| | | P | Production Data | | | |
| 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

| | |
|--------------------------------|--------------------|
| Pos: | Max: 1 |
| Not Defined - Mandatory | |
| Loop: N/A | Elements: 8 |

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) | | | | | | | | | | |
| <table><tr><th>Code</th><th>Name</th></tr><tr><td>RO</td><td>Ocean Booking Information (300, 301,303)</td></tr></table> | | | | | | | Code | Name | RO | Ocean Booking Information (300, 301,303) |
| Code | Name | | | | | | | | | |
| RO | Ocean Booking Information (300, 301,303) | | | | | | | | | |
| GS02 | 142 | Application Sender's Code | M | AN | 2/15 | Must use | | | | |
| Description: Code identifying party sending transmission; codes agreed to by trading partners | | | | | | | | | | |
| General Mills Note: | | | | | | | | | | |
| General Mills ID = 6125404455 | | | | | | | | | | |
| GS03 | 124 | Application Receiver's Code | M | AN | 2/15 | Must use | | | | |
| Description: Code identifying party receiving transmission; codes agreed to by trading partners | | | | | | | | | | |
| GS04 | 373 | Date | M | DT | 8/8 | Must use | | | | |
| Description: Date expressed as CCYYMMDD | | | | | | | | | | |
| 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) | | | | | | | | | | |
| GS06 | 28 | Group Control Number | M | N0 | 1/9 | Must use | | | | |
| Description: Assigned number originated and maintained by the sender | | | | | | | | | | |
| 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) | | | | | | | | | | |
| <table><tr><th>Code</th><th>Name</th></tr><tr><td>X</td><td>Accredited Standards Committee X12</td></tr></table> | | | | | | | Code | Name | X | Accredited Standards Committee X12 |
| Code | Name | | | | | | | | | |
| X | Accredited Standards Committee X12 | | | | | | | | | |
| 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 in DE455 in GS segment is T, then other formats are allowed | | | | | | | | | | |
| CodeList Summary (Total Codes: 39, Included: 1) | | | | | | | | | | |
| <table><tr><th>Code</th><th>Name</th></tr><tr><td>004010</td><td>Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997</td></tr></table> | | | | | | | Code | Name | 004010 | Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997 |
| Code | Name | | | | | | | | | |
| 004010 | Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997 | | | | | | | | | |

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

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:

| <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: 298, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|-------------|
|-------------|-------------|

| | |
|-----|---------------------------------------|
| 300 | Reservation (Booking Request) (Ocean) |
|-----|---------------------------------------|

| | | | | | | |
|------|-----|--------------------------------|---|----|-----|----------|
| 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) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

B1 Beginning Segment for Booking or Pick-up/Delivery

| | |
|---------------------|-------------|
| Pos: 020 | Max: 1 |
| Heading - Mandatory | |
| Loop: N/A | Elements: 3 |

User Option (Usage): Must use

Purpose: To transmit identifying numbers, dates, and other basic data relating to 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> | | | | | | |
|---|-------------|---------------------------------------|------------|-------------|----------------|--------------|-------------|-------------|---|-----|---|--------|
| B102 | 145 | Shipment Identification Number | M | AN | 1/30 | Must use | | | | | | |
| Description: Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters) | | | | | | | | | | | | |
| General Mills Note: <i>TM Freight Booking number (replaces SAP mainleg shipment)</i> | | | | | | | | | | | | |
| B103 | 373 | Date | O | DT | 8/8 | Used | | | | | | |
| Description: Date expressed as CCYYMMDD | | | | | | | | | | | | |
| B104 | 558 | Reservation Action Code | O | ID | 1/1 | Used | | | | | | |
| Description: Code identifying action on reservation or offering | | | | | | | | | | | | |
| CodeList Summary (Total Codes: 7, Included: 2) | | | | | | | | | | | | |
| <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>N</td><td>New</td></tr><tr><td>U</td><td>Change</td></tr></table> | | | | | | | <u>Code</u> | <u>Name</u> | N | New | U | Change |
| <u>Code</u> | <u>Name</u> | | | | | | | | | | | |
| N | New | | | | | | | | | | | |
| U | Change | | | | | | | | | | | |

Semantics:

1. B101 is the Standard Carrier Alpha Code (SCAC) of the carrier sending the EDI transmission.
2. B103 is the booking date accepted by the carrier.

G61

Contact

Pos: 025

Max: 3

Heading - Optional

Loop: N/A

Elements: 2

User Option (Usage): Used
Purpose: To identify a person or office to whom communications should be directed

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> | | | | |
|--|---------------|-----------------------|------------|-------------|----------------|--------------|-------------|-------------|----|---------------|
| G6101 | 366 | Contact Function Code | M | ID | 2/2 | Must use | | | | |
| Description: Code identifying the major duty or responsibility of the person or group named | | | | | | | | | | |
| CodeList Summary (Total Codes: 230, Included: 1) | | | | | | | | | | |
| <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>OC</td><td>Order Contact</td></tr></table> | | | | | | | <u>Code</u> | <u>Name</u> | OC | Order Contact |
| <u>Code</u> | <u>Name</u> | | | | | | | | | |
| OC | Order Contact | | | | | | | | | |
| G6102 | 93 | Name | M | AN | 1/60 | Must use | | | | |
| Description: Free-form name | | | | | | | | | | |

Syntax Rules:
1. P0304 - If either G6103 or G6104 is present, then the other is required.

Comments:
1. G6103 qualifies G6104.

Y6 Authentication

| | |
|--------------------|-------------|
| Pos: 030 | Max: 2 |
| Heading - Optional | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Used
Purpose: To specify the authority for authorizing an action and the date authentication is made

Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|--|-----|--------------------|-----|------|---------|----------|
| Y602 | 151 | Authority | M | AN | 1/20 | Must use |
| Description: Name or code of authority for authorizing action or reservation | | | | | | |
| General Mills Note: CC=collect PP=prepaid | | | | | | |
| Y603 | 275 | Authorization Date | M | DT | 8/8 | Must use |
| Description: Date authentication is made expressed in format CCYYMMDD | | | | | | |
| General Mills Note: Current date | | | | | | |

Y1 Space Reservation Request

| | |
|---------------------|-------------|
| Pos: 050 | Max: 1 |
| Heading - Mandatory | |
| Loop: N/A | Elements: 4 |

User Option (Usage): Must use

Purpose: To specify information used to make a reservation for space on an ocean vessel

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> |
|------------|-----------|------------------------------------|------------|-------------|----------------|--------------|
| Y103 | 140 | Standard Carrier Alpha Code | O | ID | 2/4 | Used |

Description: Standard Carrier Alpha Code

| | | | | | | |
|------|----|--|---|----|-----|------|
| Y104 | 91 | Transportation Method/Type Code | O | ID | 1/2 | Used |
|------|----|--|---|----|-----|------|

Description: Code specifying the method or type of transportation for the shipment

CodeList Summary (Total Codes: 71, Included: 1)

Code Name

O Containerized Ocean

| | | | | | | |
|------|----|-------------------------------|---|----|-----|------|
| Y105 | 98 | Entity Identifier Code | O | ID | 2/3 | Used |
|------|----|-------------------------------|---|----|-----|------|

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

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

Code Name

SH Shipper

| | | | | | | |
|------|-----|----------------------------|---|----|-----|------|
| Y108 | 375 | Tariff Service Code | O | ID | 2/2 | Used |
|------|-----|----------------------------|---|----|-----|------|

Description: Code specifying the types of services for rating purposes

CodeList Summary (Total Codes: 79, Included: 6)

Code Name

HH House-to-House

Description: Rate applies for cargo shipped in containers where the stuffing and stripping thereof is performed by or for the account of the shipper and/or consignee at their respective locations beyond ocean carrier's port terminals

HP House-to-Pier

Description: Rate applies for cargo shipped in containers where the stuffing is performed by or for the account of the shipper at its facility beyond the ocean carriers' origin port terminal and the stripping thereof is performed by or for the account of the ocean carrier at the destination port terminal

PH Pier-to-House

Description: Rate applies for cargo shipped in containers where the stuffing thereof is performed by or for the account of the ocean carrier at the origin port terminal and the stripping thereof is performed by or for the account of the consignee at its facility beyond the ocean carriers' port terminal

PP Pier-to-Pier

Description: All cargo other than that specified in codes HH, HP, or PH whether shipped in containers or otherwise

RD Rail-to-Door

Description: Rate applies for shipments in rail carrier terminal-to-door service

RP Rail-to-Pier

Description: Rate applies for shipments in rail carrier terminal-to-ocean carrier's port/terminal pier service

Syntax Rules:

1. P0209 - If either Y102 or Y109 is present, then the other is required.

Semantics:

1. Y102 is the date the shipment for which space reservation is requested to be available at the origin.

N9 Reference Identification

| | |
|--------------------|-------------|
| Pos: 069 | Max: 100 |
| Heading - Optional | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

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> | | | | |
|---|-----------------------|------------------------------------|------------|-------------|----------------|--------------|-------------|-------------|----|-----------------------|
| N901 | 128 | Reference Identification Qualifier | M | ID | 2/3 | Must use | | | | |
| Description: Code qualifying the Reference Identification | | | | | | | | | | |
| CodeList Summary (Total Codes: 1503, Included: 1) | | | | | | | | | | |
| <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>DO</td><td>Delivery Order Number</td></tr></table> | | | | | | | <u>Code</u> | <u>Name</u> | DO | Delivery Order Number |
| <u>Code</u> | <u>Name</u> | | | | | | | | | |
| DO | Delivery Order Number | | | | | | | | | |
| N902 | 127 | Reference Identification | X | AN | 1/30 | Used | | | | |
| Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | | | | |

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

Loop Name

| | |
|-----------|---------------|
| Pos: 080 | Repeat: 10 |
| 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:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Usage |
|-----|----|-----------------------------|-----|---------|--------|----------|
| 080 | N1 | Name | M | 1 | | Must use |
| 090 | N2 | Additional Name Information | O | 1 | | Used |
| 100 | N3 | Address Information | O | 2 | | Used |
| 110 | N4 | Geographic Location | O | 1 | | Used |

N1 Name

| | |
|----------------------------|--------------------|
| Pos: 080 | 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 | 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: 6)

Code Name

BT Bill-to-Party
EX Exporter
FQ Pier Name
MC Motor Carrier
SF Ship From
ST Ship To

| | | | | | | |
|------|----|-------------|---|----|------|------|
| N102 | 93 | Name | X | AN | 1/60 | Used |
|------|----|-------------|---|----|------|------|

Description: Free-form name

| | | | | | | |
|------|----|--------------------------------------|---|----|-----|------|
| 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: 2)

Code Name

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix
91 Assigned by Seller or Seller's Agent

| | | | | | | |
|------|----|----------------------------|---|----|------|------|
| N104 | 67 | Identification Code | X | AN | 2/80 | Used |
|------|----|----------------------------|---|----|------|------|

Description: Code identifying a party or other code

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.

N2 Additional Name Information

| | |
|--------------------|-------------|
| Pos: 090 | Max: 1 |
| Heading - Optional | |
| Loop: N1 | Elements: 2 |

User Option (Usage): Used
Purpose: To specify additional names or those longer than 35 characters in length

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> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| N201 | 93 | Name | M | AN | 1/60 | Must use |
| | | Description: Free-form name | | | | |
| N202 | 93 | Name | O | AN | 1/60 | Used |
| | | Description: Free-form name | | | | |
| | | General Mills Note: N202 will only be sent when N101=FQ | | | | |

N3 Address Information

| | |
|--------------------|-------------|
| Pos: 100 | Max: 2 |
| Heading - Optional | |
| Loop: N1 | Elements: 1 |

User Option (Usage): Used
Purpose: To specify the location of the named party

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> |
|----------------------------------|-----------|---------------------|------------|-------------|----------------|--------------|
| N301 | 166 | Address Information | M | AN | 1/55 | Must use |
| Description: Address information | | | | | | |

N4 Geographic Location

| | |
|--------------------|-------------|
| Pos: 110 | Max: 1 |
| Heading - Optional | |
| Loop: N1 | Elements: 4 |

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) | | | | |
| N404 | 26 | Country Code | O | ID | 2/3 | Used |
| | | Description: Code identifying the country | | | | |

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.

Loop Port or Terminal

| | |
|-----------|---------------|
| Pos: 130 | Repeat: 20 |
| Mandatory | |
| Loop: R4 | Elements: N/A |

User Option (Usage): Must use
Purpose: Contractual or operational port or point relevant to the movement of the cargo

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> |
|------------|-----------|---------------------|------------|----------------|---------------|--------------|
| 130 | R4 | Port or Terminal | M | 1 | | Must use |
| 140 | DTM | Date/Time Reference | O | 15 | | Used |

R4 Port or Terminal

| | |
|----------------------------|--------------------|
| Pos: 130 | Max: 1 |
| Heading - Mandatory | |
| Loop: R4 | Elements: 5 |

User Option (Usage): Must use

Purpose: Contractual or operational port or point relevant to the movement of the cargo

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> |
|------------|-----------|---------------------------------------|------------|-------------|----------------|--------------|
| R401 | 115 | Port or Terminal Function Code | M | ID | 1/1 | Must use |

Description: Code defining function performed at the port or terminal with respect to a shipment

CodeList Summary (Total Codes: 30, Included: 4)

Code Name

| | |
|---|---|
| D | Port of Discharge (Operational) |
| | Description: Port at which cargo is unloaded from vessel |
| L | Port of Loading (Operational) |
| | Description: Port at which cargo is loaded on vessel |
| N | Final Destination (Operational) |
| | Description: Consignee's facility at which shipment ends its movement at cargo's expense |
| R | Place of Receipt (Contractual) |
| | Description: Place at which cargo enters the care and custody of carrier |

| | | | | | | |
|------|-----|---------------------------|---|----|-----|------|
| R402 | 309 | Location Qualifier | X | ID | 1/2 | Used |
|------|-----|---------------------------|---|----|-----|------|

Description: Code identifying type of location

CodeList Summary (Total Codes: 172, Included: 5)

Code Name

| | |
|----|---|
| D | Census Schedule D |
| K | Census Schedule K |
| PD | Place of Delivery |
| PL | Plant |
| UN | United Nations Location Code (UNLOCODE) |

| | | | | | | |
|------|-----|----------------------------|---|----|------|------|
| R403 | 310 | Location Identifier | X | AN | 1/30 | Used |
|------|-----|----------------------------|---|----|------|------|

Description: Code which identifies a specific location

| | | | | | | |
|------|-----|------------------|---|----|------|------|
| R404 | 114 | Port Name | O | AN | 2/24 | Used |
|------|-----|------------------|---|----|------|------|

Description: Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property

| | | | | | | |
|------|----|---------------------|---|----|-----|------|
| R405 | 26 | Country Code | O | ID | 2/3 | Used |
|------|----|---------------------|---|----|-----|------|

Description: Code identifying the country

Syntax Rules:

1. P0203 - If either R402 or R403 is present, then the other is required.

Comments:

1. R4 is required for each port to be identified.

DTM Date/Time Reference

| | |
|---------------------------|--------------------|
| Pos: 140 | Max: 15 |
| Heading - Optional | |
| Loop: R4 | Elements: 2 |

User Option (Usage): Used

Purpose: To specify pertinent dates and times

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> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| 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: 1112, Included: 2)

| <u>Code</u> | <u>Name</u> |
|-------------|-------------|
|-------------|-------------|

| | |
|-----|----------------|
| 010 | Requested Ship |
|-----|----------------|

| | |
|-----|--|
| 071 | Requested for Delivery (After and Including) |
|-----|--|

| | | | | | | |
|-------|-----|------|---|----|-----|------|
| DTM02 | 373 | Date | X | DT | 8/8 | Used |
|-------|-----|------|---|----|-----|------|

Description: Date expressed as CCYYMMDD

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.

Loop Assigned Number

| | |
|-----------|---------------|
| Pos: 010 | Repeat: 999 |
| Mandatory | |
| Loop: LX | Elements: N/A |

User Option (Usage): Must use
Purpose: To reference a line number in a transaction set

Loop Summary:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Usage |
|-----|-----|---------------------------------|-----|---------|--------|----------|
| 010 | LX | Assigned Number | M | 1 | | Must use |
| 020 | N7 | Equipment Details | O | 1 | | Used |
| 021 | W09 | Equipment and Temperature | O | 1 | | Used |
| 040 | L0 | Line Item - Quantity and Weight | O | 1 | | Used |
| 050 | L5 | Description, Marks and Numbers | O | 1 | | Used |

LX Assigned Number

| | |
|--------------------|-------------|
| Pos: 010 | Max: 1 |
| Detail - Mandatory | |
| Loop: LX | Elements: 1 |

User Option (Usage): Must use
Purpose: To reference a line number in a 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> |
|---|-----------|---------------------|------------|-------------|----------------|--------------|
| LX01 | 554 | Assigned Number | M | N0 | 1/6 | Must use |
| Description: Number assigned for differentiation within a transaction set | | | | | | |

N7 Equipment Details

| | |
|--------------------------|--------------------|
| Pos: 020 | Max: 1 |
| Detail - Optional | |
| Loop: LX | Elements: 7 |

User Option (Usage): Used

Purpose: To identify the equipment

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> |
|------------|-----------|---|--------------|-------------|----------------|--------------|
| N701 | 206 | Equipment Initial | O | AN | 1/4 | Used |
| | | Description: Prefix or alphabetic part of an equipment unit's identifying number | | | | |
| N702 | 207 | Equipment Number | M | AN | 1/10 | Must use |
| | | Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) | | | | |
| N703 | 81 | Weight | X | R | 1/10 | Used |
| | | Description: Numeric value of weight | | | | |
| N704 | 187 | Weight Qualifier | X | ID | 1/2 | Used |
| | | Description: Code defining the type of weight | | | | |
| | | CodeList Summary (Total Codes: 51, Included: 1) | | | | |
| | | <u>Code</u> | <u>Name</u> | | | |
| | | G | Gross Weight | | | |
| N708 | 183 | Volume | X | R | 1/8 | Used |
| | | Description: Value of volumetric measure | | | | |
| N709 | 184 | Volume Unit Qualifier | X | ID | 1/1 | Used |
| | | Description: Code identifying the volume unit | | | | |
| | | CodeList Summary (Total Codes: 16, Included: 1) | | | | |
| | | <u>Code</u> | <u>Name</u> | | | |
| | | X | Cubic Meters | | | |
| N722 | 24 | Equipment Type | O | ID | 4/4 | Used |
| | | Description: Code identifying equipment type | | | | |
| | | General Mills Note: | | | | |
| | | 20G0 = 20 ft container | | | | |
| | | 40G0 = 40 ft container | | | | |
| | | 45G0 = 40 ft high cube container | | | | |
| | | LOG0 = 45 ft container/trailer | | | | |
| | | P0G0 = 53 ft container/trailer | | | | |
| | | 20R0 = 20 ft refer container | | | | |
| | | 40R0 = 40 ft refer container | | | | |
| | | 45R0 = 40 ft high cube refer container | | | | |
| | | L0R0 = 45 ft refer container | | | | |
| | | M0G0 = 48 ft trailer | | | | |
| | | 0 = LTL | | | | |

Syntax Rules:

1. P0304 - If either N703 or N704 is present, then the other is required.
2. P0516 - If either N705 or N716 is present, then the other is required.
3. P0809 - If either N708 or N709 is present, then the other is required.

Semantics:

1. N712 is the owner of the equipment.
2. N723 is the operator or carrier of the rights of the equipment.

Comments:

1. N701 is mandatory for rail transactions.
2. N720 and N721 are expressed in inches.

W09 Equipment and Temperature

| | |
|--------------------------|--------------------|
| Pos: 021 | Max: 1 |
| Detail - Optional | |
| Loop: LX | Elements: 1 |

User Option (Usage): Used

Purpose: To relate equipment type and required temperatures

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> |
|------------|-----------|----------------------------|------------|-------------|----------------|--------------|
| W0901 | 40 | Equipment Description Code | M | ID | 2/2 | Must use |

Description: Code identifying type of equipment used for shipment

CodeList Summary (Total Codes: 134, Included: 3)

Code Name

| | |
|----|------------------------|
| CN | Container |
| CZ | Refrigerated Container |
| TF | Trailer, Dry Freight |

Syntax Rules:

1. P0203 - If either W0902 or W0903 is present, then the other is required.
2. P0405 - If either W0904 or W0905 is present, then the other is required.

Semantics:

1. W0902 is the minimum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0903).
2. W0904 is the maximum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0905).
3. W0906 is used to describe the environment required within an ocean-type, refrigerated container when other than normal air is required.
4. W0908 is the humidity percentage.
5. W0909 is the number of air exchanges per hour.

L0 Line Item - Quantity and Weight

| | |
|--------------------------|--------------------|
| Pos: 040 | Max: 1 |
| Detail - Optional | |
| Loop: LX | Elements: 2 |

User Option (Usage): Used

Purpose: To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" 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> |
|------------|-----------|------------------------|------------|-------------|----------------|--------------|
| L008 | 80 | Lading Quantity | X | NO | 1/7 | Used |

Description: Number of units (pieces) of the lading commodity

| | | | | | | |
|------|-----|----------------------------|---|----|-----|------|
| L009 | 211 | Packaging Form Code | X | ID | 3/3 | Used |
|------|-----|----------------------------|---|----|-----|------|

Description: Code for packaging form of the lading quantity

CodeList Summary (Total Codes: 134, Included: 5)

Code Name

| | |
|-----|--------|
| BAG | Bag |
| BLK | Bulk |
| CAS | Case |
| CTN | Carton |
| PCS | Pieces |

Syntax Rules:

1. P0203 - If either L002 or L003 is present, then the other is required.
2. P0405 - If either L004 or L005 is present, then the other is required.
3. P0607 - If either L006 or L007 is present, then the other is required.
4. P0809 - If either L008 or L009 is present, then the other is required.
5. C1104 - If L011 is present, then L004 is required.
6. P1315 - If either L013 or L015 is present, then the other is required.

Semantics:

1. L008 is the number of handling units of the line item tendered to the carrier.
2. L013 can only be used if the code in L009 is PLT, SKD, or SLP.
3. L015 designates whether the carrier will be required to verify the number of units contained on a pallet, slip sheet or skid. Code "Y" indicates that the carrier will be required to verify. Code "N" indicates that the carrier will not be required to verify.

Comments:

1. L013 is used to convey the total number of boxes, cartons, or pieces contained on a pallet, skid, or slip sheet for the line item.

L5 Description, Marks and Numbers

| | |
|-------------------|-------------|
| Pos: 050 | Max: 1 |
| Detail - Optional | |
| Loop: LX | Elements: 3 |

User Option (Usage): Used

Purpose: To specify the line item in terms of description, quantity, packaging, and marks and numbers

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> |
|------------|-----------|--|------------------|-------------|----------------|--------------|
| L502 | 79 | Lading Description | O | AN | 1/50 | Used |
| | | Description: Description of an item as required for rating and billing purposes | | | | |
| L506 | 87 | Marks and Numbers | X | AN | 1/48 | Used |
| | | Description: Marks and numbers used to identify a shipment or parts of a shipment | | | | |
| | | General Mills Note: <i>TM ?? number (replaces SAP Prelim shipment)</i> | | | | |
| L507 | 88 | Marks and Numbers Qualifier | O | ID | 1/2 | Used |
| | | Description: Code specifying the application or source of Marks and Numbers (87) | | | | |
| | | CodeList Summary (Total Codes: 20, Included: 1) | | | | |
| | | <u>Code</u> | <u>Name</u> | | | |
| | | SM | Shipper Assigned | | | |

Syntax Rules:

1. P0304 - If either L503 or L504 is present, then the other is required.
2. C0706 - If L507 is present, then L506 is required.
3. P0809 - If either L508 or L509 is present, then the other is required.

Comments:

1. L502 may be used to send quantity information as part of the product description.

K1

Remarks

Pos: 110

Max: 2

Detail - Optional

Loop: N/A

Elements: 2

User Option (Usage): Used

Purpose: To transmit information in a free-form format for comment or special instruction

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> |
|------------|-----------|------------------------------------|------------|-------------|----------------|--------------|
| K101 | 61 | Free-Form Message | M | AN | 1/30 | Must use |
| | | Description: Free-form information | | | | |
| K102 | 61 | Free-Form Message | O | AN | 1/30 | Used |
| | | Description: Free-form information | | | | |

SE Transaction Set Trailer

| | |
|---------------------|-------------|
| Pos: 010 | 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 | | | | | | |

Comments:

- 1. SE is the last segment of each 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:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|--|-----------|--|------------|-------------|----------------|--------------|
| 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 | | | | | | |
| GE02 | 28 | Group Control Number | M | N0 | 1/9 | Must use |
| Description: Assigned number originated and maintained by the sender | | | | | | |

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

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:

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