



**General  
Mills**

**Making Food  
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## **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>
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#### LOOP ID - LX

999

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

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 16</b>

**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	<b>Authorization Information Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Code to identify the type of information in the Authorization Information						
<b>CodeList Summary</b> (Total Codes: 7, Included: 1)						
<b>Code Name</b>						
00 No Authorization Information Present (No Meaningful Information in I02)						
ISA02	I02	<b>Authorization Information</b>	M	AN	10/10	Must use
<b>Description:</b> 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	<b>Security Information Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Code to identify the type of information in the Security Information						
<b>CodeList Summary</b> (Total Codes: 2, Included: 1)						
<b>Code Name</b>						
00 No Security Information Present (No Meaningful Information in I04)						
ISA04	I04	<b>Security Information</b>	M	AN	10/10	Must use
<b>Description:</b> 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	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
<b>CodeList Summary</b> (Total Codes: 38, Included: 1)						
<b>Code Name</b>						
08 UCC EDI Communications ID (Comm ID)						
ISA06	I06	<b>Interchange Sender ID</b>	M	AN	15/15	Must use
<b>Description:</b> 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						
<b>General Mills Note:</b>						
<i>General Mills ID = 9251190000</i>						
ISA07	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
<b>All valid standard codes are used. (Total Codes: 38)</b>						
ISA08	I07	<b>Interchange Receiver ID</b>	M	AN	15/15	Must use
<b>Description:</b> 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	<b>Interchange Date</b>	M	DT	6/6	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Date of the interchange				
ISA10	I09	<b>Interchange Time</b>	M	TM	4/4	Must use
		<b>Description:</b> Time of the interchange				
ISA11	I10	<b>Interchange Control Standards Identifier</b>	M	ID	1/1	Must use
		<b>Description:</b> Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer <b>All valid standard codes are used. (Total Codes: 1)</b>				
ISA12	I11	<b>Interchange Control Version Number</b>	M	ID	5/5	Must use
		<b>Description:</b> Code specifying the version number of the interchange control segments <b>CodeList Summary</b> (Total Codes: 14, Included: 1) <b>Code Name</b> 00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997				
ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
		<b>Description:</b> A control number assigned by the interchange sender				
ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Must use
		<b>Description:</b> Code sent by the sender to request an interchange acknowledgment (TA1) <b>All valid standard codes are used. (Total Codes: 2)</b>				
ISA15	I14	<b>Usage Indicator</b>	M	ID	1/1	Must use
		<b>Description:</b> Code to indicate whether data enclosed by this interchange envelope is test, production or information <b>CodeList Summary</b> (Total Codes: 3, Included: 1) <b>Code Name</b> P Production Data				
ISA16	I15	<b>Component Element Separator</b>	M		1/1	Must use
		<b>Description:</b> 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

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 8</b>

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

**Purpose:** To indicate the beginning 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>
GS01	479	<b>Functional Identifier Code</b>	M	ID	2/2	Must use

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

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

**Code Name**

RO Ocean Booking Information (300, 301,303)

GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Must use
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**Description:** Code identifying party sending transmission; codes agreed to by trading partners

**General Mills Note:**

*General Mills ID = 6125404455*

GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Must use
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**Description:** Code identifying party receiving transmission; codes agreed to by trading partners

GS04	373	<b>Date</b>	M	DT	8/8	Must use
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**Description:** Date expressed as CCYYMMDD

GS05	337	<b>Time</b>	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	<b>Group Control Number</b>	M	N0	1/9	Must use
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**Description:** Assigned number originated and maintained by the sender

GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Must use
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**Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

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

**Code Name**

X Accredited Standards Committee X12

GS08	480	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Must use
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**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)

**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

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**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	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Must use

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

**CodeList Summary** (Total Codes: 298, Included: 1)

**Code Name**

300 Reservation (Booking Request) (Ocean)

ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
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**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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:** *TM Freight Booking number (replaces SAP mainleg shipment)*

B103	373	Date	O	DT	8/8	Used
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**Description:** Date expressed as CCYYMMDD

B104	558	Reservation Action Code	O	ID	1/1	Used
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**Description:** Code identifying action on reservation or offering

**CodeList Summary** (Total Codes: 7, Included: 2)

Code	Name
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

<b>Pos: 025</b>	<b>Max: 3</b>
<b>Heading - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**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	<b>Contact Function Code</b>	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)

**Code Name**

OC Order Contact

G6102	93	<b>Name</b>	M	AN	1/60	Must use
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**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

<b>Pos: 030</b>	<b>Max: 2</b>
<b>Heading - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Used

**Purpose:** To specify the authority for authorizing an action and the date authentication is made

## 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>
Y602	151	<b>Authority</b>	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	<b>Authorization Date</b>	M	DT	8/8	Must use
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**Description:** Date authentication is made expressed in format CCYYMMDD

**General Mills Note:** *Current date*

# Y1 Space Reservation Request

<b>Pos:</b> 050	<b>Max:</b> 1
<b>Heading - Mandatory</b>	
<b>Loop:</b> N/A	<b>Elements:</b> 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	<b>Standard Carrier Alpha Code</b>	O	ID	2/4	Used

**Description:** Standard Carrier Alpha Code

Y104	91	<b>Transportation Method/Type Code</b>	O	ID	1/2	Used
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**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	<b>Entity Identifier Code</b>	O	ID	2/3	Used
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**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	<b>Tariff Service Code</b>	O	ID	2/2	Used
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**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

<b>Pos: 069</b>	<b>Max: 100</b>
<b>Heading - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**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	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
<b>Description:</b> Code qualifying the Reference Identification						
<b>CodeList Summary</b> (Total Codes: 1503, Included: 1)						
<b>Code Name</b>						
DO Delivery Order Number						
N902	127	<b>Reference Identification</b>	X	AN	1/30	Used
<b>Description:</b> 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

<b>Pos: 080</b>	<b>Repeat: 10</b>
<b>Mandatory</b>	
<b>Loop: N1</b>	<b>Elements: N/A</b>

**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>
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

<b>Pos: 080</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**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

**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	<b>Name</b>	X	AN	1/60	Used
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**Description:** Free-form name

N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
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**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	<b>Identification Code</b>	X	AN	2/80	Used
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**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	<b>Name</b>	M	AN	1/60	Must use
		<b>Description:</b> Free-form name				
N202	93	<b>Name</b>	O	AN	1/60	Used
		<b>Description:</b> 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

<b>Pos: 110</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Used

**Purpose:** To specify the geographic place 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>
N401	19	<b>City Name</b>	O	AN	2/30	Used
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency				
N403	116	<b>Postal Code</b>	O	ID	3/15	Used
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	<b>Country Code</b>	O	ID	2/3	Used
		<b>Description:</b> 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

<b>Pos: 130</b>	<b>Repeat: 20</b>
<b>Mandatory</b>	
<b>Loop: R4</b>	<b>Elements: N/A</b>

**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

<b>Pos: 130</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: R4</b>	<b>Elements: 5</b>

**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	<b>Port or Terminal Function Code</b>	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	<b>Location Qualifier</b>	X	ID	1/2	Used
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**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	<b>Location Identifier</b>	X	AN	1/30	Used
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**Description:** Code which identifies a specific location

R404	114	<b>Port Name</b>	O	AN	2/24	Used
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**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	<b>Country Code</b>	O	ID	2/3	Used
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**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

<b>Pos: 140</b>	<b>Max: 15</b>
<b>Heading - Optional</b>	
<b>Loop: R4</b>	<b>Elements: 2</b>

**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	<b>Date/Time Qualifier</b>	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)

**Code Name**

- 010 Requested Ship
- 071 Requested for Delivery (After and Including)

DTM02	373	<b>Date</b>	X	DT	8/8	Used
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**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

<b>Pos: 010</b>	<b>Repeat: 999</b>
<b>Mandatory</b>	
<b>Loop: LX</b>	<b>Elements: N/A</b>

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

**Purpose:** To reference a line number in a transaction set

## 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>
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

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Detail - Mandatory</b>	
<b>Loop: LX</b>	<b>Elements: 1</b>

**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	<b>Assigned Number</b>	M	NO	1/6	Must use

**Description:** Number assigned for differentiation within a transaction set



# N7 Equipment Details

<b>Pos: 020</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: LX</b>	<b>Elements: 7</b>

**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	<b>Equipment Initial</b>	O	AN	1/4	Used
<b>Description:</b> Prefix or alphabetic part of an equipment unit's identifying number						
N702	207	<b>Equipment Number</b>	M	AN	1/10	Must use
<b>Description:</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)						
N703	81	<b>Weight</b>	X	R	1/10	Used
<b>Description:</b> Numeric value of weight						
N704	187	<b>Weight Qualifier</b>	X	ID	1/2	Used
<b>Description:</b> Code defining the type of weight						
<b>CodeList Summary</b> (Total Codes: 51, Included: 1)						
<b>Code Name</b>						
G Gross Weight						
N708	183	<b>Volume</b>	X	R	1/8	Used
<b>Description:</b> Value of volumetric measure						
N709	184	<b>Volume Unit Qualifier</b>	X	ID	1/1	Used
<b>Description:</b> Code identifying the volume unit						
<b>CodeList Summary</b> (Total Codes: 16, Included: 1)						
<b>Code Name</b>						
X Cubic Meters						
N722	24	<b>Equipment Type</b>	O	ID	4/4	Used
<b>Description:</b> Code identifying equipment type						
<b>General Mills Note:</b>						
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						
LOR0 = 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

<b>Pos:</b> 021	<b>Max:</b> 1
<b>Detail - Optional</b>	
<b>Loop:</b> LX	<b>Elements:</b> 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)

<u>Code</u>	<u>Name</u>
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

<b>Pos: 040</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: LX</b>	<b>Elements: 2</b>

**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	<b>Lading Quantity</b>	X	NO	1/7	Used

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

L009	211	<b>Packaging Form Code</b>	X	ID	3/3	Used
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**Description:** Code for packaging form of the lading quantity

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

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

<b>Pos: 110</b>	<b>Max: 2</b>
<b>Detail - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

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

# SE Transaction Set Trailer

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Summary - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**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	<b>Number of Included Segments</b>	M	NO	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	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:

- SE is the last segment of each transaction set.

# GE Functional Group Trailer

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**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	<b>Number of Transaction Sets Included</b>	M	N0	1/6	Must use
<b>Description:</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element						
GE02	28	<b>Group Control Number</b>	M	N0	1/9	Must use
<b>Description:</b> 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

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**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	116	<b>Number of Included Functional Groups</b>	M	N0	1/5	Must use
<b>Description:</b> A count of the number of functional groups included in an interchange						
IEA02	112	<b>Interchange Control Number</b>	M	N0	9/9	Must use
<b>Description:</b> A control number assigned by the interchange sender						