



**General
Mills**

**Making Food
People Love**

301 Confirmation (Ocean)

X12/V4010/301 : 301 Confirmation (Ocean)

Company:

General Mills

Modified:

1/11/2018

Notes:

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301 Confirmation (Ocean)

Functional Group=**RO**

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Confirmation (Ocean) Transaction Set (301) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary for an ocean carrier to confirm space, container, and equipment availability in response to the Reservation (Booking Request) (Ocean) Transaction Set (300); or to notify other parties such as terminal operators or other ocean carriers.

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
040	Y3	Space Confirmation	M	1			Must use
054	N9	Reference Identification	O	100			Used

LOOP ID - R4 **20**

110	R4	Port or Terminal	M	1			Must use
120	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>
LOOP ID - LX					999		
010	LX	Assigned Number	M	1			Must use
080	V1	Vessel Identification	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 All valid standard codes are used. (Total Codes: 7)						
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 All valid standard codes are used. (Total Codes: 2)						
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 All valid standard codes are used. (Total Codes: 38)						
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						
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 CodeList Summary (Total Codes: 38, Included: 1) <u>Code</u> <u>Name</u> 08 UCC EDI Communications ID (Comm ID)						
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 General Mills Note: <i>General Mills ID = 9251190000</i>						
ISA09	I08	Interchange Date	M	DT	6/6	Must use
Description: Date of the interchange						
ISA10	I09	Interchange Time	M	TM	4/4	Must use
Description: Time of the interchange						
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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) <u>Code</u> <u>Name</u> 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) <u>Code</u> <u>Name</u> 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:

<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	Functional Identifier Code	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

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

Code Name

RO Ocean Booking Information (300, 301,303)

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

GS03	124	Application Receiver's Code	M	AN	2/15	Must use
------	-----	------------------------------------	---	----	------	----------

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

General Mills Note:

General Mills ID = 6125404455

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)

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)

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)										
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>301</td><td>Confirmation (Ocean)</td></tr></table>							<u>Code</u>	<u>Name</u>	301	Confirmation (Ocean)
<u>Code</u>	<u>Name</u>									
301	Confirmation (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: 4

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>				
B101	140	Standard Carrier Alpha Code	O	ID	2/4	Used				
		Description: Standard Carrier Alpha Code								
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: Mainleg shipment number								
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: 1)								
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>A</td><td>Reservation Accepted</td></tr></table>					<u>Code</u>	<u>Name</u>	A	Reservation Accepted
<u>Code</u>	<u>Name</u>									
A	Reservation Accepted									

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.

Y3 Space Confirmation

Pos: 040	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

Purpose: To specify confirmation information for space booking including numbers, dates, and load time

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>
Y301	13	Booking Number	M	AN	1/17	Must use
		Description: Number assigned by the carrier for space reservation				
Y302	140	Standard Carrier Alpha Code	O	ID	2/4	Used
		Description: Standard Carrier Alpha Code				
		General Mills Note: <i>Ocean vessel SCAC</i>				
Y303	373	Date	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
		General Mills Note: <i>ETD from load port</i>				
Y304	373	Date	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
		General Mills Note: <i>ETA discharge port</i>				
Y307	373	Date	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
		General Mills Note: <i>Load date</i>				

Syntax Rules:

1. C0908 - If Y309 is present, then Y308 is required.

Semantics:

1. Y303 is the date of departure of the vessel.
2. Y304 is the estimated arrival date at the port of discharge.
3. Y307 is the required pier date.
4. Y308 is the load time.
5. Y311 is the time zone which the time reflects.

Comments:

1. If space is available, all of the conditional data elements in segment Y3 are required. If the requested space is not available, Y301 is the booking number 'decline'.

N9 Reference Identification

Pos: 054	Max: 100
Heading - Optional	
Loop: N/A	Elements: 3

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>L1</td><td>Letters or Notes</td></tr></table>							<u>Code</u>	<u>Name</u>	L1	Letters or Notes
<u>Code</u>	<u>Name</u>									
L1	Letters or Notes									
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										
N903	369	Free-form Description	X	AN	1/45	Used				
Description: Free-form descriptive text										

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 Port or Terminal

Pos: 110	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>
110	R4	Port or Terminal	M	1		Must use
120	DTM	Date/Time Reference	O	15		Used

R4 Port or Terminal

Pos: 110	Max: 1
Heading - Mandatory	
Loop: R4	Elements: 8

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: 1)						
<u>Code</u> <u>Name</u>						
L Port of Loading (Operational)						
Description: <i>Port at which cargo is loaded on vessel</i>						
R402	309	Location Qualifier	X	ID	1/2	Used
Description: Code identifying type of location						
All valid standard codes are used. (Total Codes: 172)						
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						
R406	174	Terminal Name	O	AN	2/30	Used
Description: Free-form field for terminal name						
R407	113	Pier Number	O	AN	1/4	Used
Description: Identifying number for the pier						
R408	156	State or Province Code	O	ID	2/2	Used
Description: Code (Standard State/Province) as defined by appropriate government agency						

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: 120	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

General Mills Note:

311= Port cut off

369= Subsequent leg estimated date to ship from discharge port

371= Subsequent leg arrival at customer

CodeList Summary (Total Codes: 1112, Included: 3)

Code Name

311 Latest Receiving Date/Cutoff Date

369 Estimated Departure Date

371 Estimated Arrival Date

DTM02	373	Date	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

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:

<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

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						

V1 Vessel Identification

Pos: 080	Max: 2
Detail - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used
Purpose: To provide vessel details and voyage number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
V102	182	Vessel Name	X	AN	2/28	Used
Description: Name of ship as documented in "Lloyd's Register of Ships"						
V104	55	Flight/Voyage Number	O	AN	2/10	Used
Description: Identifying designator for the particular flight or voyage on which the cargo travels						

Syntax Rules:

- 1. R0102 - At least one of V101 or V102 is required.
- 2. C0801 - If V108 is present, then V101 is required.

Semantics:

- 1. V103 is the code identifying the country in which the ship (vessel) is registered.
- 2. V105 identifies the ocean carrier.

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						