214 Warehouse Shipment Status Message

UCS/V4030/214: 214 Warehouse Shipment Status Message

Company:	**General Mills**
Modified:	**4/8/2019**
Notes:	

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214 Transportation Carrier Shipment Status Message

Functional Group=QM

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Transportation Carrier Shipment Status Message Transaction Set (214) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a transportation carrier to provide shippers, consignees, and their agents with the status of shipments in terms of dates, times, locations, route, identifying numbers, and conveyance.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 1000					**999999**		
0100	LX	Assigned Number	M	1			Must use
0200	L11	Business Instructions and Reference Number	O	10			Must use
LOOP ID - 1100					**10**		
0800	AT7	Shipment Status Details	M	1			Must use
1000	MS2	Equipment or Container Owner and Type	O	2			Used
2100	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Code	Name
08	UCC EDI Communications ID (Comm ID)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:
General Mills Test ID = 925119TEST
General Mills Production ID = 9251190000

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Description: Date of the interchange

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Description: Time of the interchange

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA11	I65	**Repetition Separator**	M		1/1	Must use

Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 17, Included: 1)

Code	Name
00403	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 261, Included: 1)

Code	Name
QM	Transportation Carrier Shipment Status Message (214)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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 Test & Production ID = 6125404455

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS04	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS06	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use

Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard

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

Code	Name
T	Transportation Data Coordinating Committee (TDCC)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 33, Included: 1)

Code	Name
004030UCS	

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 314, Included: 1)

Code Name

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Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

B10 Beginning Segment for Transportation Carrier Shipment Status Message

Pos: 0200	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 3**

User Option (Usage): Must use

Purpose: To transmit identifying numbers and other basic data relating to the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
B1001	127	**Reference Identification**	C	AN	1/50	Must use

> **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
>
> **General Mills Note:** *Should Contain Carrier Pro/Invoice Number (from BOL) - if easily mapped (if not easily mapped, please indicate "NA").*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
B1002	145	**Shipment Identification Number**	O	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:** *Should contain General Mills Shipment/Freight Order Number (from 856 BSN02 or 940 W0505);*
> *If it is an inbound load from a vendor, use the PO number (from 855 BAK03 or 856 PRF01).*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
B1003	140	**Standard Carrier Alpha Code**	M	ID	2/4	Must use

> **Description:** Standard Carrier Alpha Code
>
> **General Mills Note:** *SCAC code of Carrier for the shipment (from 856 TD503 or 940 W6610) or SCAC of Carrier of Record.*

Syntax Rules:

1. R0106 - At least one of B1001 or B1006 is required.
2. E0105 - Only one of B1001 or B1005 may be present.
3. P0506 - If either B1005 or B1006 is present, then the other is required.
4. P0809 - If either B1008 or B1009 is present, then the other is required.

Loop Assigned Number

Pos: 0100	**Repeat: 999999**
Mandatory	
Loop: 1000	**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
0100	LX	Assigned Number	M	1		Must use
0200	L11	Business Instructions and Reference Number	O	10		Must use
0800		Loop 1100	M		10	Must use

LX   Assigned Number

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: 1000	Elements: 1

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LX01	554	**Assigned Number**	M	N0	1/6	Must use

Description: Number assigned for differentiation within a transaction set

L11 Business Instructions and Reference Number

Pos: 0200	**Max: 10**
Detail - Optional	
Loop: 1000	**Elements: 2**

User Option (Usage): Must use

Purpose: To specify instructions in this business relationship or a reference number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1101	127	**Reference Identification**	C	AN	1/50	Must use

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

General Mills Note: *Should contain General Mills Delivery Number (from 856 PRF01 or 940 W0502); If it is an inbound load from a vendor, use the PO number (from 855 BAK03 or 856 PRF01).*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1102	128	**Reference Identification Qualifier**	C	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1631, Included: 1)

Code	Name
DO	Delivery Order Number

Syntax Rules:

1. R0103 - At least one of L1101 or L1103 is required.
2. P0102 - If either L1101 or L1102 is present, then the other is required.

General Mills Note:

The L11 segment is required for every delivery on the Shipment.

Only one L11 should be sent per LX loop. If multiple deliveries exist for one shipment, warehouse should send one LX loop with corresponding AT7 loop for each delivery.

Loop Shipment Status Details

Pos: 0800	**Repeat: 10**
Mandatory	
Loop: 1100	**Elements: N/A**

User Option (Usage): Must use

Purpose: To specify the status of a shipment, the reason for that status, the date and time of the status and the date and time of any appointments scheduled.

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0800	AT7	Shipment Status Details	M	1		Must use
1000	MS2	Equipment or Container Owner and Type	O	2		Used

AT7   Shipment Status Details

Pos: 0800	Max: 1
Detail - Mandatory	
Loop: 1100	Elements: 4

User Option (Usage): Must use

Purpose: To specify the status of a shipment, the reason for that status, the date and time of the status and the date and time of any appointments scheduled.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AT701	1650	**Shipment Status Code**	C	ID	2/2	Must use

Description: Code indicating the status of a shipment

CodeList Summary (Total Codes: 44, Included: 2)

Code	Name
AM	Loaded on Truck

> **General Mills Note:**
> *Use to instruct GMI that truck is loaded and ready for departure*

Code	Name
X1	Arrived at Delivery Location

> **General Mills Note:**
> *Use to instruct GMI that truck has arrived at warehouse location*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AT702	1651	**Shipment Status or Appointment Reason Code**	O	ID	2/2	Used

Description: Code indicating the reason a shipment status or appointment reason was transmitted

General Mills Note: *Send "NS" to denote this is a normal status update*

CodeList Summary (Total Codes: 86, Included: 1)

Code	Name
NS	Normal Status

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AT705	373	**Date**	C	DT	8/8	Used

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

General Mills Note: *Date of Shipment Status*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AT706	337	**Time**	C	TM	4/8	Used

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)

General Mills Note: *Time of Shipment Status - Time should be sent as local time at warehouse reporting the shipment status; AT707 time zone is not used.*

Syntax Rules:

1. E0103 - Only one of AT701 or AT703 may be present.
2. C0201 - If AT702 is present, then AT701 is required.
3. C0403 - If AT704 is present, then AT703 is required.
4. C0605 - If AT706 is present, then AT705 is required.
5. C0706 - If AT707 is present, then AT706 is required.

MS2 Equipment or Container Owner and Type

Pos: 1000	Max: 2
Detail - Optional	
Loop: 1100	Elements: 2

User Option (Usage): Used

Purpose: To specify the owner, the identification number assigned by that owner, and the type of equipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MS201	140	**Standard Carrier Alpha Code**	C	ID	2/4	Used

Description: Standard Carrier Alpha Code

General Mills Note: *Equipment Initial or SCAC (Carrier of Execution)*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MS202	207	**Equipment Number**	C	AN	1/10	Used

Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)

General Mills Note: *Equipment Number (Trailer or Rail Car Number)*

Syntax Rules:

1. P0102 - If either MS201 or MS202 is present, then the other is required.
2. C0402 - If MS204 is present, then MS202 is required.

General Mills Note:

This segment used only when AT701 element = AM (Truck Loaded)

SE Transaction Set Trailer

Pos: 2100	**Max: 1**
Detail - 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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

General Mills Note: *The transaction set control number (SE02) is the same as that used in the corresponding header (ST02).*

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

General Mills Note: *The count of ST segments within the group.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE02	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

General Mills Note: *This must be the same number as is in the GS segment (GS06) for the group.*

General Mills Note:

The group control number (GE02) is the same as that used in the corresponding header (GS06).

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

General Mills Note: *IEA01 contains the count of GS segments within the transmission.*

IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

General Mills Note: *IEA02 must be the same number as in the ISA segment (ISA13) for the transmission.*