



214 Warehouse Shipment Status Message

UCS/V4030/214: 214 Warehouse Shipment Status Message

Company:

General Mills

Modified:

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Notes:

Table of Contents

214 Transportation Carrier Shipment Status Message..... 1

ISA Interchange Control Header..... 2

GS Functional Group Header..... 4

ST Transaction Set Header..... 5

B10 Beginning Segment for Transportation Carrier Shipment Status Message..... 6

1000 Loop Assigned Number..... 7

LX Assigned Number..... 8

L11 Business Instructions and Reference Number..... 9

1100 Loop Shipment Status Details..... 10

AT7 Shipment Status Details..... 11

MS2 Equipment or Container Owner and Type..... 12

SE Transaction Set Trailer..... 13

GE Functional Group Trailer..... 14

IEA Interchange Control Trailer..... 15

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:

<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>
0100	ST	Transaction Set Header	M	1			Must use
0200	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1			Must use

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 - 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:

<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 Test ID = 925119TEST</i> <i>General Mills Production 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						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
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										
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)										
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>00403</td><td>Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999</td></tr></table>							<u>Code</u>	<u>Name</u>	00403	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999
<u>Code</u>	<u>Name</u>									
00403	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999									
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)										
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>P</td><td>Production Data</td></tr></table>							<u>Code</u>	<u>Name</u>	P	Production Data
<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: 261, Included: 1)						
Code Name						
QM Transportation Carrier Shipment Status Message (214)						
GS02	142	Application Sender's Code	M	AN	2/15	Must use
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 Test & Production 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 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)						
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:

<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: 314, Included: 1)										
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>214</td><td>Transportation Carrier Shipment Status Message</td></tr></table>							<u>Code</u>	<u>Name</u>	214	Transportation Carrier Shipment Status Message
<u>Code</u>	<u>Name</u>									
214	Transportation Carrier Shipment Status Message									
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:

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

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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:

<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						

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).

L1102	128	Reference Identification Qualifier	C	ID	2/3	Must use
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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:

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

X1 Arrived at Delivery Location

General Mills Note:

Use to instruct GMI that truck has arrived at warehouse location

AT702	1651	Shipment Status or Appointment Reason Code	O	ID	2/2	Used
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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

AT705	373	Date	C	DT	8/8	Used
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

General Mills Note: *Date of Shipment Status*

AT706	337	Time	C	TM	4/8	Used
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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:

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

MS202	207	Equipment Number	C	AN	1/10	Used
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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						
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.						
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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.						