

# 214 Air Milestone

Version1.0



# 214 Air Milestone

## Purpose

- This EDI Message Implementation Guide has been developed by Maersk to assist interested EDI partners in developing and implementing the 214 Air Milestone message.
- This user manual is based on the ANSI X12 004010 directory.
- EDI partners are recommended to review all narrative sections of this document in conjunction with the message maps.

## Release Control

The version level and release date of this document are contained in the control table below. All changes to this document will be noted in this section.

Version	Comment	Date
1.0	First Release	22 <sup>nd</sup> Sep 2023



## 214

# Transportation Carrier Shipment Status Message

**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	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1			Must use
030	L11	Business Instructions and Reference Number	O	300			Must use

<u>LOOP ID - 0100</u>		<u>10</u>					
050	N1	Name	O	1			Must use
070	N3	Address Information	O	2			Must use
080	N4	Geographic Location	O	1			Must use
100	G62	Date/Time	O	1		N1/100	Used
120	MS3	Interline Information	O	12			Must use
<u>LOOP ID - 0200</u>		<u>999999</u>					
130	LX	Assigned Number	O	1			Must use
<u>LOOP ID - 0205</u>		<u>10</u>					
140	AT7	Shipment Status Details	O	1			Must use
143	MS1	Equipment, Shipment, or Real Property Location	O	1			Must use
200	AT8	Shipment Weight, Packaging and Quantity Data	O	10			Must use
610	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:</b>	<b>Elements:</b>
N/A	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	<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>Code List Summary</b> (Total Codes: 7, Included: 1)						
		<u>Code</u> <u>Name</u>				
		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>Code List Summary</b> (Total Codes: 2, Included: 1)						
		<u>Code</u> <u>Name</u>				
		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>Code List Summary</b> (Total Codes: 38, Included: 1)						
		<u>Code</u> <u>Name</u>				
		ZZ      Mutually Defined				
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						
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>Code List Summary</b> (Total Codes: 38, Included: 1)						
		<u>Code</u> <u>Name</u>				
		ZZ      Mutually Defined				
ISA08	I07	<b>Interchange Receiver ID</b>	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

**Maersk Comments:** MAERSKAIR

ISA09	I08	<b>Interchange Date</b>	M	DT	6/6	Must use
		<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>Code List Summary</b> (Total Codes: 14, Included: 1)				
		<b>Code</b>	<b>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>All valid standard codes are used. (Total Codes: 3)</b>				
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				

**Sample:**

ISA\*00\*00 \*00\* \*ZZ\*MAERSKAIR \*ZZ\*CUSTOMERID \*230920\*0207\*U\*00401\*22\*0\*P\*>~



**MAERSK**

**GS****Functional Group Header**

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop:</b>	<b>Elements: 8</b>
<b>N/A</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
<b>Description:</b> Code identifying a group of application related transaction sets						
<b>Code List Summary</b> (Total Codes: 240, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		QM		Transportation Carrier Shipment Status Message (214)		
GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Must use
<b>Description:</b> Code identifying party sending transmission; codes agreed to by trading partners						
GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Must use
<b>Description:</b> Code identifying party receiving transmission; codes agreed to by trading partners						
GS04	373	<b>Date</b>	M	DT	8/8	Must use
<b>Description:</b> Date expressed as CCYYMMDD						
GS05	337	<b>Time</b>	M	TM	4/8	Must use
<b>Description:</b> 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
<b>Description:</b> Assigned number originated and maintained by the sender						
GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Must use
<b>Description:</b> Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480						
<b>All valid standard codes are used. (Total Codes: 2)</b>						
GS08	480	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Must use
<b>Description:</b> 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						
<b>Code List Summary</b> (Total Codes: 39, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		004010		Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997		

**Sample:**

GS\*QM\*MAERSKAIR\*CUSTOMERID\*20230920\*020730\*12653\*X\*004010~

**MAERSK**

# 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

**Code List Summary** (Total Codes: 298, Included: 1)

<u>Code</u>	<u>Name</u>
214	Transportation Carrier Shipment Status Message

ST02	329	Transaction Set Control Number	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

## Sample:

ST\*214\*0001~



# B10 Beginning Segment for Transportation Carrier Shipment Status Message

Pos: 020	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

## Syntax Rules:

1. At least one of B1001 or B1006 is required.
2. Only one of B1001 or B1005 may be present.

## 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	<b>Reference Identification</b>	X	AN	1/30	Must use
<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
B1002	145	<b>Shipment Identification Number</b>	O	AN	1/30	Must use
<b>Description:</b> 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)						
B1003	140	<b>Standard Carrier Alpha Code</b>	M	ID	2/4	Must use
<b>Description:</b> Standard Carrier Alpha Code						

## Sample:

B10\*0020329XPT\*2705797\*LH~





# L11 Business Instructions and Reference Number

Pos: 030	Max: 300
Heading - Optional	
Loop: N/A	Elements: 2

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

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

## Syntax Rules:

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

## 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>
L1101	127	Reference Identification	X	AN	1/30	Must use
<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
L1102	128	Reference Identification Qualifier	X	ID	2/3	Must use
<b>Description:</b> Code qualifying the Reference Identification						
<b>Code List Summary</b> (Total Codes: 1503, Included: 5)						
		<u>Code</u>	<u>Name</u>			
		AF	Airlines Flight Identification Number			
		AW	Air Waybill Number			
		BM	Bill of Lading Number			
		BN	Booking Number			
		CN	Carrier's Reference Number (PRO/Invoice)			

## Sample:

```
L11*LH7723*AF~
L11*0020329XPT*AW~
L11*12345877999136*BN~
```



# N1 Name

<b>Pos: 050</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: 0100</b>	<b>Elements: 4</b>

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

**Purpose:** To identify a party by type of organization, name, and code

## Syntax Rules:

1. At least one of N102 or N103 is required.
2. If either N103 or N104 is present, then the other is required.

## 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
<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual						
<b>Code List Summary</b> (Total Codes: 1312, Included: 2)						
		<u>Code</u> <u>Name</u>				
		SF          Ship From				
		ST          Ship To				
N102	93	<b>Name</b>	X	AN	1/60	Used
<b>Description:</b> Free-form name						
N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Must use
<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)						
<b>Code List Summary</b> (Total Codes: 215, Included: 1)						
		<u>Code</u> <u>Name</u>				
		93          Code assigned by the organization originating the transaction set				
N104	67	<b>Identification Code</b>	X	AN	2/80	Must use
<b>Description:</b> Code identifying a party or other code						

## Sample:

N1\*Sf\*ACME NETHERLANDS BV\*93\*NLASMLN001~



# N3 Address Information

Pos: 070	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

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

**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						
N302	166	Address Information	O	AN	1/55	Used
Description: Address information						

## Sample:

N3\*6501 DE RUN~



# N4 Geographic Location

Pos: 080	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

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

**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	City Name	O	AN	2/30	Must use
		<b>Description:</b> Free-form text for city name				
N402	156	State or Province Code	O	ID	2/2	Used
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	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	Country Code	O	ID	2/3	Must use
		<b>Description:</b> Code identifying the country				

## Sample:

N4\*Velsen-Noord\*\*\*NL~



# G62 Date/Time

Pos: 100	Max: 1
Heading - Optional	
Loop: 0100	Elements: 5

**User Option (Usage):** Used

**Purpose:** To specify pertinent dates and times

## Syntax Rules:

1. At least one of G6201 or G6203 is required.
2. If either G6201 or G6202 is present, then the other is required.
3. If either G6203 or G6204 is present, then the other is required.

## 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>
G6201	432	Date Qualifier	X	ID	2/2	Must use
Description: Code specifying type of date						
Code List Summary (Total Codes: 137, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		17		Estimated Delivery Date		
G6202	373	Date	X	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						
G6203	176	Time Qualifier	X	ID	1/2	Must use
Description: Code specifying the reported time						
Code List Summary (Total Codes: 42, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		O		Charged To		
G6204	337	Time	X	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)						
G6205	623	Time Code	O	ID	2/2	Must use
Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow						
Code List Summary (Total Codes: 51, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		UT		Universal Time Coordinate		

## Sample:

G62\*17\*20230913\*O\*210000\*UT~



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# MS3 Interline Information

Pos: 120	Max: 12
Heading - Optional	
Loop: N/A	Elements: 3

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

**Purpose:** To identify the interline carrier and relevant data

## Syntax Rules:

### 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>
MS301	140	<b>Standard Carrier Alpha Code</b>	M	ID	2/4	Must use
<b>Description:</b> Standard Carrier Alpha Code						
MS302	133	<b>Routing Sequence Code</b>	M	ID	1/2	Must use
<b>Description:</b> Code describing the relationship of a carrier to a specific shipment movement						
<b>Code List Summary</b> (Total Codes: 23, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		O		Origin Carrier (Air, Motor, or Ocean)		
MS304	91	<b>Transportation Method/Type Code</b>	O	ID	1/2	Must use
<b>Description:</b> Code specifying the method or type of transportation for the shipment						
<b>Code List Summary</b> (Total Codes: 71, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		A		Air		

### Sample:

MS3\*LH\*O\*\*A~



**LX****Assigned Number**

Pos: 130	Max: 1
Heading - Optional	
Loop: 0200	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**Sample:**

LX\*1~



# AT7 Shipment Status Details

Pos: 140	Max: 1
Heading - Optional	
Loop: 0205	Elements: 5

**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.

## Syntax Rules:

1. Only one of AT701 or AT703 may be present.
2. If either AT701 or AT702 is present, then the other is required.
3. If either AT703 or AT704 is present, then the other is required.
4. If AT706 is present, then AT705 is required.
5. If AT707 is present, then AT706 is required.

## 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	<b>Shipment Status Code</b>	X	ID	2/2	Must use
<b>Description:</b> Code indicating the status of a shipment						
<b>Code List Summary</b> (Total Codes: 48, Included: 14)						
		<u>Code</u>		<u>Name</u>		
		AF		Pickup from Shipper		
		B6		Estimated Time of Arrival(ETA) at Destination AirPort		
		BF		Booking Confirmed		
		BR		Booking Received		
		C1		Estimated Time of Departure(ETD) at Origin AirPort		
		CT		Customs released		
		D1		Actual Time of Arrival(ATA) at Destination Warehouse		
		I1		Freight Received		
		OH		On hand		
		OO		Paperwork Received - Did not Receive Shipment or Equipment		
		P1		Actual Time of Departure(ATD) at Origin AirPort		
		X2		Estimated Time of Arrival(ETA) at Destination Warehouse		
		X4		Actual Time of Arrival(ATA) at Destination AirPort		
		Z1		Documents handed over to third party		
AT703	1652	<b>Shipment Appointment Status Code</b>	X	ID	2/2	Must use
<b>Description:</b> Code indicating the status of an appointment to pick-up or deliver a shipment						
<b>Code List Summary</b> (Total Codes: 9, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		AB		Delivery Appointment Date and/or Time		
AT705	373	<b>Date</b>	X	DT	8/8	Must use
<b>Description:</b> Date expressed as CCYYMMDD						
AT706	337	<b>Time</b>	X	TM	4/8	Must use
<b>Description:</b> 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)						
AT707	623	<b>Time Code</b>	O	ID	2/2	Must use





**Description:** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

**Code List Summary** (Total Codes: 51, Included: 1)

<u>Code</u>	<u>Name</u>
UT	Universal Time Coordinate

**Sample:**

AT7\*X4\*\*AB\*\*20230914\*190400\*UT~



# MS1 Equipment, Shipment, or Real Property Location

Pos: 143	Max: 1
Heading - Optional	
Loop: 0205	Elements: 3

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

**Purpose:** To specify the location of a piece of equipment, a shipment, or real property in terms of city and state or longitude and latitude

## Syntax Rules:

1. If MS101 is present, then at least one of MS102 or MS103 is required.
2. Only one of MS101 or MS104 may be present.
3. If MS102 is present, then MS101 is required.
4. If MS103 is present, then MS101 is required.

## 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>
MS101	19	City Name	X	AN	2/30	Used
<b>Description:</b> Free-form text for city name						
MS102	156	State or Province Code	X	ID	2/2	Used
<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency						
MS103	26	Country Code	X	ID	2/3	Must use
<b>Description:</b> Code identifying the country						

## Sample:

MS1\*\*\*CN~



# AT8 Shipment Weight, Packaging and Quantity Data

Pos: 200      Max: 10  
 Heading - Optional  
 Loop:      Elements: 5  
 0200

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

**Purpose:** To specify shipment details in terms of weight, and quantity of handling units

## Syntax Rules:

1. If either AT801, AT802 or AT803 are present, then the others are required.
2. If either AT806 or AT807 is present, then the other is required.

## 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>
AT801	187	<b>Weight Qualifier</b>	X	ID	1/2	Must use
<b>Description:</b> Code defining the type of weight						
<b>Code List Summary</b> (Total Codes: 51, Included: 2)						
		<u>Code</u> <u>Name</u>				
		B      Billed Weight				
		G      Gross Weight				
AT802	188	<b>Weight Unit Code</b>	X	ID	1/1	Must use
<b>Description:</b> Code specifying the weight unit						
<b>Code List Summary</b> (Total Codes: 8, Included: 1)						
		<u>Code</u> <u>Name</u>				
		K      Kilograms				
AT803	81	<b>Weight</b>	X	R	1/10	Must use
<b>Description:</b> Numeric value of weight						
AT806	184	<b>Volume Unit Qualifier</b>	X	ID	1/1	Used
<b>Description:</b> Code identifying the volume unit						
<b>Code List Summary</b> (Total Codes: 16, Included: 1)						
		<u>Code</u> <u>Name</u>				
		X      Cubic Meters				
AT807	183	<b>Volume</b>	X	R	1/8	Used
<b>Description:</b> Value of volumetric measure						

## Sample:

AT8\*G\*K\*55.8\*\*\*X\*0.8053~  
 AT8\*B\*K\*134.5~



# SE Transaction Set Trailer

Pos: 610	Max: 1
Heading - 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:

<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	Number of Included Segments	M	N0	1/10	Must use
<b>Description:</b> 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
<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

## Sample:

SE\*19\*0001~



# GE Functional Group Trailer

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

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

## Sample:

GE\*1\*12653~



# IEA Interchange Control Trailer

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

**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	<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	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
		<b>Description:</b> A control number assigned by the interchange sender				

## Sample:

IEA\*1\*22~



**Sample:**

ISA\*00\*00 \*00\* \*ZZ\*MAERSKAIR \*ZZ\*CUSTOMERID \*230920\*0207\*U\*00401\*22\*0\*P\*>~  
GS\*QM\*MAERSKAIR\*CUSTOMERID\*20230920\*020730\*12653\*X\*004010~  
ST\*214\*0001~  
B10\*0020329XPT\*2705797\*LH~  
L11\*LH7723\*AF~  
L11\*0020329XPT\*AW~  
L11\*12345877999136\*BN~  
N1\*SF\*ACME NETHERLANDS BV\*93\*NLASMLN001~  
N3\*6501 DE RUN~  
N4\*Velsen-Noord\*\*\*NL~  
N1\*ST\*ACME BEIJING C123 C/O BEIJING STE IN\*93\*CN12345678~  
N3\*4 SOUTH XINGMAO ST.~  
N4\*Beilun\*\*\*CN~  
G62\*17\*20230913\*O\*210000\*UT~  
MS3\*LH\*O\*\*A~  
LX\*1~  
AT7\*X4\*\*AB\*\*20230914\*190400\*UT~  
MS1\*\*\*CN~  
AT8\*G\*K\*55.8\*\*\*X\*0.8053~  
AT8\*B\*K\*134.5~  
SE\*19\*0001~  
GE\*1\*12653~  
IEA\*1\*22~

