TForce Freight

214 Motor Shipment Status Message v4010 Specifications

Pos. No.	Seg. ID.	Name	Req. Des.	Max User	Repeat
010	ST	Transaction Set Header	M	1	
020	B10	Beginning Segment for Shipment Status Message	M	1	
030	L11	Business Instructions and Reference Number	M	1	
LOOP ID – 0100					**10**
050	N1	Name	O	1	
060	N2	Address Name Information	O	1	
070	N3	Address Information	O	2	
080	N4	Geographic Location	O	1	
120	MS3	Interline Information	O	12	
LOOP ID – 0200					**999999**
130	LX	Assigned Number	M	1	
LOOP ID – 0205					**1**
140	AT7	Shipment Status Details	O	1	
143	MS1	Equipment, Shipment, or Real Property Location	O	1	
146	MS2	Equipment or Container Owner and Type	O	1	
160	Q7	Lading Exception Code	O	10	
200	AT8	Shipment Weight, Packaging and Quantity Date	O	10	
		LOOP ID - 0210		999999	
210	CD3	Carton (Package) Detail	O	1	n2
759	SE	Transaction Set Trailer	M	1	

The italic Mandatory or Optional information displayed at the right of every segment heading determines whether the information is required.

| ISA - Interchange Control Header | | | | | | *Mandatory* |

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
ISA01	I01	Authorization Info Qual.	M	ID	2/2	'00'
ISA03	I03	Security Info Qual.	M	ID	2/2	'00'
ISA05	I05	Interchange ID Qual.	M	ID	2/2	'02'
ISA06	I06	Interchange Sender ID	M	AN	15/15	'UPGF'
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	
ISA08	I07	Interchange Receiver ID	M	AN	15/15	
ISA09	I08	Interchange Date	M	DT	6/6	
ISA10	I09	Interchange Time	M	TM	4/4	
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	'U'
ISA12	I11	Interchange Control Version Number	M	ID	5/5	'00400'
ISA13	I12	Interchange Control Number	M	N0	9/9	
ISA14	I13	Acknowledgment Requested	M	ID	1/1	'0'
ISA15	I14	Test Indicator	M	ID	1/1	'P'
ISA16	I15	Component Element Separator	M		1/1	'>'

| GS - Functional Group Header | | | | | | *Mandatory* |

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
GS01	479	Functional ID Code	M	ID	2/2	'QM'
GS02	142	Application Sender's Code	M	AN	2/15	'UPGF'
GS03	124	Application Receiver's Code	M	AN	2/15	
GS04	373	Group Date	M	DT	8/8	
GS05	337	Group Time	M	TM	4/4	
GS06	28	Group Control No.	M	N0	1/9	
GS07	455	Responsible Agency Code	M	ID	1/2	'X'
GS08	480	Version/Release Indicator	M	AN	1/12	'004010'

| ST - Transaction Set Header | | | | | | *Mandatory* |

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

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
ST01	143	Transaction Identifier Identifier	M	ID	3/3	'214'
ST02	329	Transaction Set Control Number	M	AN	4/9	

| B10 - Beginning Segment | | | | | | *Mandatory* |

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

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
B1001	127	Reference Identifier	M	AN	1/30	Carrier Pro Number
B1002	145	Shipment Identification Number	O	AN	1/30	Bill of Lading Number
B1003	140	Standard Carrier Alpha Code	M	ID	2/4	'UPGF'

| L11 - Business Instructions and Reference Number | | | | | | *Optional* |

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

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
L1101	127	Reference Number	X	AN	1/30	
L1102	128	Reference Number Qualifier	X	ID	2/3	'PO' – Purchase Order Number 'BM' - Bill of Lading Number

| N1 – Name | | | | | | *Optional* |

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

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
N101	98	Entity Identifier	M	ID	2/3	'SH' - Shipper 'CN' – Consignee
N102	93	Name	C	AN	1/60	
N103	66	Identification Code Qualifier	C	ID	1/2	'ZZ' - Mutually Defined
N104	67	Identification Code	C	AN	2/80	

| N3 - Address Information | | | | | | *Optional* |

Purpose: *To specify the location of the named party*

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
N301	166	Address	M	AN	1/55	

N4 - Geographic Location   *Optional*

Purpose: *To specify the geographic place of the name party*

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
N401	19	City Name	O	AN	2/30	
N402	156	State/Province Code	O	ID	2/2	
N403	116	Postal Code	O	ID	3/15	
N404	26	Country Code	O	ID	2/3	

MS3 – Interline Information   *Optional*

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

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
MS301	140	Standard Carrier Alpha Code	M	ID	2/4	
MS302	133	Routing Sequence Code	M	ID	1/ 2	'1' – 1st Carrier after Origin Carrier 'O' – Origin Carrier
MS303	19	City Name	X	AN	2/30	Name of Interchange City

LX - Assigned Number   *Mandatory*

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

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
LX01	554	Assigned Number	M	N0	1/6	

AT7 – Shipment Status Details   *Mandatory*

Purpose: *To specify the status of a shipment*

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
AT701	1650	Shipment Status Code	X	ID	2/2	'AF' – Pickup 'AG' – Estimated Delivery 'AH' – Attempted Delivery 'AM' – Loaded 'D1' – Completed Unloading at Delivery Loc.

Purpose: *To specify the status of a shipment*

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
AT701	1650	Shipment Status Code	X	ID	2/2	'J1' – Delivered to Interline 'P1' – Departed Terminal Loc. 'S1' – Spotted 'X1' – Arrived at Delivery Loc. 'X3' – Arrived at Pickup Location 'AV' – Available for Delivery
AT702	1651	Shipment Status Reason Code	X	ID	2/2	'AG' – Consignee Related 'AJ' – Other Carrier Related 'B5' – Held per Consignee 'B8' – Improper Unloading Facility or Equipment 'BE' – Road Conditions 'BG' – Other 'BS'-Refused by Customer 'CA' – Customs (Import or Export) 'HB' – Held Pending Appointment 'RC' – Reconsigned 'NS'-Normal Status

AT7 – Shipment Status Details (continued)   *Mandatory*

Purpose: *To specify the status of a shipment*

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
AT703	1652	Shipment Appointment Status Code	X	ID	2/2	'AB' – Delivery Appointment 'X9' – Called for Appointment
AT704	1651	Appointment Reason Code				'NA' – Normal Appointment
AT705	373	Date	X	DT	8/8	
AT706	337	Time	X	TM	4/8	
AT707	623	Time Code	O	ID	2/2	

MS1 – Equipment, Shipment or Real Property Location   *Optional*

Purpose: *To specify the location of a piece of equipment, a shipment or real property*

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
MS101	19	City Name	X	AN	2/30	
MS202	156	State or Province Code	X	ID	2/2	

MS2 – Equipment or Container Owner and Type   *Optional*

Purpose: *To specify the owner and identification number assigned by the owner*

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
MS201	140	Standard Carrier Alpha Code	X	AN	2/4	'UPGF'
MS202	207	Equipment Number	X	ID	1/10	

Q7 – Lading Exception Code   *Optional*

Purpose: *To specify the status of the shipment in terms of lading exception informaiton*

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
Q701	33	Lading Exception Code	M	ID	1/1	'D' – Damaged 'P' – Partial Short
Q702	211	Packaging Type	O	ID	3/3	'PCS'
Q703	80	Lading Quantity	X	N0	1/7	

AT8 – Shipment Weight, Packaging and Quantity Data   *Optional*

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

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
AT801	187	Weight Qualifier	X	ID	1/ 2	'G'
AT802	188	Weight Unit Code	X	ID	1/1	'L'
AT803	81	Weight	O	N0	1/10	
AT804	80	Lading Quantity	O	N0	1/7	

Segment:CD3 Carton (Package) Detail

Position:	210	
Loop:	0210	Optional
Level:		
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit identifying codes, weights, and other related information related to an individual carton (package)	
Syntax Notes:	**1**	If either CD301 or CD302 is present, then the other is required.
	2	If either CD307 or CD308 is present, then the other is required.
	3	If either CD309 or CD310 is present, then the other is required.
	4	If CD311 is present, then CD305 is required.
	5	If CD312 is present, then CD311 is required.
	6	If CD314 is present, then CD305 is required.
Semantic Notes:	**1**	CD308 is the charge for the single package.
	2	CD310 is the total charge for all of the packages.
	3	CD314 is the country where the service is to be performed.
Comments:		

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
CD301	187	**Weight Qualifier**	X	ID 1/2
		Code defining the type of weight		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
CD302	81	**Weight**	X	R 1/10
		Numeric value of weight		
CD303	619	**Zone**	O	AN 2/3
		To identify zone		
CD304	34	**Service Standard**	O	N1 1/4
		To report the time period of carrier's standard service for the shipment		
CD305	284	**Service Level Code**	X	ID 2/2
		Code indicating the level of transportation service or the billing service offered by the transportation carrier Refer to 004010 Data Element Dictionary for acceptable code values.		
CD306	108	**Pick-up or Delivery Code**	O	ID 1/2

Specifies the location or type of pickup or delivery

Refer to 004010 Data Element Dictionary for acceptable code values.

CD307	**122**	**Rate/Value Qualifier**	**X**	**ID 2/2**

Code qualifying how to extend charges or interpret value

Refer to 004010 Data Element Dictionary for acceptable code values.

CD308	**58**	**Charge**	**X**	**N2 1/12**

For a line item: freight or special charge; for the total invoice: the total charges
-- expressed in the standard monetary denomination for the currency specified

CD309	**122**	**Rate/Value Qualifier**	**X**	**ID 2/2**

Code qualifying how to extend charges or interpret value

Refer to 004010 Data Element Dictionary for acceptable code values.

CD310	**58**	**Charge**	**X**	**N2 1/12**

For a line item: freight or special charge; for the total invoice: the total charges
-- expressed in the standard monetary denomination for the currency specified

CD311	**284**	**Service Level Code**	**X**	**ID 2/2**

Code indicating the level of transportation service or the billing service offered
by the transportation carrier
Refer to 004010 Data Element Dictionary for acceptable code values.

CD312	**284**	**Service Level Code**	**O**	**ID 2/2**

Code indicating the level of transportation service or the billing service offered
by the transportation carrier
Refer to 004010 Data Element Dictionary for acceptable code values.

CD313	**591**	**Payment Method Code**	**O**	**ID 3/3**

Code identifying the method for the movement of payment instructions

Refer to 004010 Data Element Dictionary for acceptable code values.

CD314	**26**	**Country Code**	**O**	**ID 2/3**

Code identifying the country

SE - Transaction Set Trailer   *Mandatory*

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*

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
SE01	96	Number of included segments	M	N0	1/10	
SE02	329	Transaction Set Control Number	M	AN	4/9	

GE - Functional Group Trailer   *Mandatory*

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
GE01	97	Number of Transaction Sets Included	M	N0	1/6	
GE02	28	Group Control Number	M	N0	1/9	

IEA - Interchange Control Trailer   *Mandatory*

ANSI CODE	ID	ELEMENT DESCRIPTION	REQ	TYPE	MIN/MAX	CONTENTS
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	
IEA02	I12	Interchange Control Number	M	N0	9/9	

Example of EDI Shipment Status Message (214)

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ISA*00*          *00*     *02*UPGF      *02*004999999 000817*2119*U*00400*000000001*0*P*>
GS*QM*UPGF*TEST*000728*1437*1777*X*4010^
ST*214*0001^
B10*123456782*U12581*UPGF^
L11*147137102*PO^
L11*1123456782*BM^
L11*1123456782*CR^
N1*SH*ABC COMPANY^
N3*1700 BATHGATE AVE^
N4*BRONX*NY*10457^
N1*CN*XYZ COMPANY^
N2*STORE 147^
N3*9501 NORWALK BLVD^
N4*KANSAS CITY*KS*66106^
MS3*UPGF*O*KANSAS CITY^
LX*1^
AT7*AF*NS***20000728*0722*ET^
MS1*CARTERET*NJ
MS2*UPGF*00154589
AT8*G*L*326*45^
LX*2^
AT7***AB*NA*20000812*0600*CT^
MS1*KANSAS CITY*KS
MS2*UPGF*00000000
LX*3^
AT7*P1*NS***20000802*0650*ET^
MS1*CARTERET*NJ
MS2*UPGF*001569788
AT8*G*L*326*45^
SE*28*0001^
GE*1*1777^
IEA*1*000001777^
```

Business Policies

- EDI 214 shipment status messages are transmitted no more than 10 times daily. Most customers receive their information once per day.
- Times: 1:00 5:00 7:00 8:30 10:00 11:30 13:00 14:30 16:00 17:30 19:00 21:30 and 23:00

- Can transmit as many or as few of the following **status** codes as required by the customer:

Status	Description
AF	Pick up
AG	Estimated Delivery
AH	Attempted Delivery
AM	Loaded
J1	Delivered to Interline
P1	Departed Service Center
S1	Spotted Trailer on customers premises
X1	Arrived at Delivery Location
X3	Arrived at Pickup Location
X4	Arrived at Service Center
AV	Available for Delivery
AB	Appointment Date
X9	Call for Appointment
D1	Completed Unloading at Delivery Location

- Can transmit as many or as few of the following **delivery status** reason codes as required by the customer:

Reason Code	Description
AJ	Carrier Related
B5	Held per Customer
B8	Customer Required Special Equipment
BE	Road Conditions or Weather Related
BG	Industry Disruption
BS	Refused by Consignee
CA	Customs Related
HB	Appointment
NS	Normal Status
RC	Reconsigned