

214 Xpress Global Systems Inbound Shipment Status Message

Functional Group ID=**QM**

Introduction:

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.

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
M	010	ST	Transaction Set Header	M	1	
M	020	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1	
	030	L11	Business Instructions and Reference Number	O	300	
LOOP ID - 0100						10
	050	N1	Name	O	1	
	070	N3	Address Information	O	2	
	080	N4	Geographic Location	O	1	
LOOP ID - 0200						999999
M	130	LX	Assigned Number	M	1	
LOOP ID - 0205						10
M	140	AT7	Shipment Status Details	M	1	
M	143	MS1	Equipment, Shipment, or Real Property Location	M	1	
	146	MS2	Equipment or Container Owner and Type	O	1	
M	150	L11	Business Instructions and Reference Number	M	10	
	200	AT8	Shipment Weight, Packaging and Quantity Data	O	10	
LOOP ID - 0210						999999
M	210	CD3	Carton (Package) Detail	M	1	
	240	NM1	Individual or Organizational Name	O	1	
LOOP ID - 0250						999999
M	410	SPO	Shipment Purchase Order Detail	O	1	
M	610	SE	Transaction Set Trailer	M	1	

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 214 Transportation Carrier Shipment Status Message	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Segment: **B10** Beginning Segment for Transportation Carrier Shipment Status Message
Position: 020
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers and other basic data relating to the transaction set

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	B1001	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier This is the Carrier's PRO/Invoice Number. This should be the same number that was sent in the N902 element of the 990 Response to Load Tender transaction.	M AN 1/10
M	B1002	145	Shipment Identification Number 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) This is the Xpress Global Systems Manifest (master bill) Number, which is contained in the B204 data element of the 204 Load Tender transaction set sent to the carrier. This number will always be 7 long.	M AN 1/30
M	B1003	140	Standard Carrier Alpha Code Standard Carrier Alpha Code This is the SCAC code which is contained in the B206 data element of the 204 Load Tender transaction set sent to the carrier.	M ID 2/4

Segment: **L11** Business Instructions and Reference Number
Position: 030
Loop:
Level:
Usage: Optional
Max Use: 300
Purpose: To specify instructions in this business relationship or a reference number

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	L1101	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
M	L1102	128	Reference Identification Qualifier Code qualifying the Reference Identification MB Master Bill of Lading	M ID 2/3
				This is the Master Bill (MB) Number, which is contained in the L1102 data element at the header level of the 204 Load Tender transaction set sent to the carrier.

Segment: **N1** Name
Position: 050
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments:
 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
	N102	93	Name Free-form name	X AN 1/60
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2
	N104	67	Identification Code Code identifying a party or other code	X AN 2/80
	N105	706	Entity Relationship Code Code describing entity relationship Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/3

Segment: **N3** Address Information
Position: 070
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55

Segment: **N4 Geographic Location**
Position: 080
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country	O ID 2/3
N405	309	Location Qualifier Code identifying type of location Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2
N406	310	Location Identifier Code which identifies a specific location	O AN 1/30

Segment: **LX** Assigned Number
Position: 130
Loop: 0200 Mandatory
Level:
Usage: Mandatory
Max Use: 1
Purpose: To reference a line number in a transaction set

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	<u>Des.</u> LX01	<u>Element</u> 554	<u>Assigned Number</u> Number assigned for differentiation within a transaction set	M N0 1/6

Segment: **AT7** Shipment Status Details
Position: 140
Loop: 0205 Mandatory
Level:
Usage: Mandatory
Max Use: 1
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.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
AT701	1650	Shipment Status Code	O ID 2/2
Code indicating the status of a shipment			
NOTE: When sending a shipment status to report on the occurrence of a stop, both an 'X3' and a 'CP' must be sent for each pickup. Likewise, an 'X1' and a 'D1' must be sent for each delivery.			
The arrival date/time must be received before the departure date/time for both pickup and delivery. Likewise, all status information from previous stops must have been reported before sending status for the current stop.			
Check calls cannot be in the same transaction as the shipment status updates.			
		CP	Completed Loading at Pick-up Location Arrived at Pick-up Location ('X3') is required before Completed Loading at Pick-up Location ('CP') can be reported.
		D1	Completed Unloading at Delivery Location Arrived at Delivery Location ('X1') is required before Completed Unloading at Delivery Location ('D1') can be reported.
		X1	Arrived at Delivery Location
		X3	Arrived at Pick-up Location
		X6	En Route to Delivery Location This code should be used to indicate when sending a check call shipment status.
		X7	En Route to Pick-up Location
AT702	1651	Shipment Status or Appointment Reason Code	O ID 2/2
Code indicating the reason a shipment status or appointment reason was transmitted			
A Status Reason Code should be sent anytime the actual arrival (pick-up or delivery) is different from the scheduled pick-up or delivery.			
The Shipment Status or Appointment Reason Codes listed within this implementation guideline reflect a partial list. Specific reason codes will be determined during project start up.			
		A2	Incorrect Address
		AD	Customer Requested Future Delivery
		AF	Accident
		AG	Consignee Related
		AH	Driver Related

AI	Mechanical Breakdown
AJ	Other Carrier Related
AL	Previous Stop
AM	Shipper Related
AN	Holiday - Closed
AO	Weather or Natural Disaster Related
AQ	Recipient Unavailable - Delivery Delayed
AX	Insufficient Pick-up Time
B1	Consignee Closed
B8	Improper Unloading Facility or Equipment
BB	Held per Shipper
BC	Missing Documents
BD	Border Clearance
BE	Road Conditions
BH	Insufficient Time to Complete Delivery
BJ	Customer Wanted Earlier Delivery
BK	Prearranged Appointment
BP	Load Shifted
BS	Refused by Customer
BT	Returned to Shipper
C5	Customer Strike
D1	Carrier Dispatch Error
D2	Driver Not Available
NS	Normal Status
P1	Processing Delay
P2	Waiting Inspection
T3	Trailer not Available
T7	Insufficient Delivery Time

AT703 1652 Shipment Appointment Status Code O ID 2/2
 Code indicating the status of an appointment to pick-up or deliver a shipment
 Appointment updates cannot be in the same transaction as the shipment status updates.

AA	Pick-up Appointment Date and/or Time
AB	Delivery Appointment Date and/or Time

AT704 1651 Shipment Status or Appointment Reason Code O ID 2/2
 Code indicating the reason a shipment status or appointment reason was transmitted
 A Status Reason Code should be sent anytime the appointment (pick-up or delivery) is changed.

The Shipment Status or Appointment Reason Codes listed within this implementation guideline reflect a partial list. Specific reason codes will be determined during project start up.

A2	Incorrect Address
AD	Customer Requested Future Delivery
AF	Accident
AG	Consignee Related
AH	Driver Related
AI	Mechanical Breakdown
AJ	Other Carrier Related
AL	Previous Stop
AM	Shipper Related
AN	Holiday - Closed
AO	Weather or Natural Disaster Related
AQ	Recipient Unavailable - Delivery Delayed

AX	Insufficient Pick-up Time
B1	Consignee Closed
B8	Improper Unloading Facility or Equipment
BB	Held per Shipper
BC	Missing Documents
BD	Border Clearance
BE	Road Conditions
BH	Insufficient Time to Complete Delivery
BJ	Customer Wanted Earlier Delivery
BK	Prearranged Appointment
BP	Load Shifted
BS	Refused by Customer
BT	Returned to Shipper
C5	Customer Strike
D1	Carrier Dispatch Error
D2	Driver Not Available
NA	Normal Appointment
P1	Processing Delay
P2	Waiting Inspection
T3	Trailer not Available
T7	Insufficient Delivery Time

M AT705 373 Date M DT 8/8

Date expressed as CCYYMMDD

M AT706 337 Time M TM 4/4

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)

NOTE: Even though the EDI standards support up to 8 characters for a time, Xpress Global Systems' system will only accept the first 4 characters. 2400 is not a valid time. Please do not send it.
Local Time.

Segment: **MS1** Equipment, Shipment, or Real Property Location
Position: 143
Loop: 0205 Mandatory
Level:
Usage: Mandatory
Max Use: 1
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

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	MS101	19	City Name Free-form text for city name	M AN 2/30
M	MS102	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	M ID 2/2
	MS103	26	Country Code Code identifying the country	O ID 2/2

This data element is required if the country is not the United States.

NOTE: Even though the EDI standards support up to 3 characters for the country code, Xpress Global Systems' system will only accept the first 2 characters.

Segment: **MS2** Equipment or Container Owner and Type
Position: 146
Loop: 0205 Mandatory
Level:
Usage: Optional
Max Use: 1
Purpose: To specify the owner, the identification number assigned by that owner, and the type of equipment

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	MS201	140	Standard Carrier Alpha Code Standard Carrier Alpha Code This is the SCAC code that was sent in the B202 data element of the EDI 204 transaction set.	M ID 2/4
M	MS202	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) Carrier's trailer number.	M AN 1/10

Segment: **L11** Business Instructions and Reference Number
Position: 150
Loop: 0200 Mandatory
Level:
Usage: Mandatory
Max Use: 10
Purpose: To specify instructions in this business relationship or a reference number

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
L1101	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier When the L1102 data element 128 is 'QN', this is the stop sequence number. When a "check call" is sent (AT701 = 'X6'), only the 'ZZ' reference is sent.	X AN 1/30
L1102	128	Reference Identification Qualifier Code qualifying the Reference Identification QN Stop Sequence Number 'QN' is required when reporting the occurrence of an arrival or departure from a stop (The AT701 data element 1650 is 'CP', 'D1', 'X1', or 'X3').	X ID 2/3

Segment: **AT8** Shipment Weight, Packaging and Quantity Data
Position: 200
Loop: 0200 Mandatory
Level:
Usage: Optional
Max Use: 10
Purpose: To specify shipment details in terms of weight, and quantity of handling units
Notes: This segment should be sent for all pickup stops. It can be sent every time, but is required on all pickup stops.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
AT801	187	Weight Qualifier Code defining the type of weight G Gross Weight	X ID 1/2
AT802	188	Weight Unit Code Code specifying the weight unit L Pounds	X ID 1/1
AT803	81	Weight Numeric value of weight This should indicate the total weight of all pieces of all commodities.	X R 1/10
AT804	80	Lading Quantity Number of units (pieces) of the lading commodity This should indicate the total number of pieces of all commodities.	O N0 1/7

Segment: **CD3** Carton (Package) Detail
Position: 210
Loop: 0210 Optional
Level:
Usage: Optional
Max Use: 10
Purpose: To transmit identifying codes, weights, and other related information related to an individual carton (package)

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CD301	187	Weight Qualifier Code defining the type of weight G Gross Weight	C ID 1/2
CD302	81	Weight Code specifying the weight unit L Pounds	C R 1/10
CD303	619	Zone	O AN 2/3
CD304	34	Service Standard	O N1 1/4
CD305	284	Service Level Code	O ID 2/2
CD306	108	Pick-up or Delivery Code	O ID 1/2
CD307	122	Rate/Value Qualifier	C ID 2/2
CD308	58	Charge Code specifying the charge for the single package	C N2 1/9
CD309	122	Rate/Value Qualifier	C ID 2/2
CD310	58	Charge Code specifying the total charge for all of the packages	C N2 1/9

Segment: **NM1** Individual or Organizational Name
Position: 240
Loop: 0210 Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To supply the full name of an individual or organizational entity.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	NM101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual PR Payer	M ID 2/3
M	NM102	1065	Entity Type Qualifier Code qualifying the type of entity 2 Non-Person Entity	M ID 1/1
M	NM103	1035	Payer Name Individual last name or organizational name ALIAS: Payor Name	O AN 1/35
	NM104	1036	Name First Individual first name	O AN 1/25
	NM105	1037	Name Middle Individual middle name or initial	O AN 1/25
	NM106	1038	Name Prefix Prefix to individual name	O AN 1/10
	NM107	1039	Name Suffix Suffix to individual name	O AN 1/10
M	NM108	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) PI Payer Identification	C ID 1/2
M	NM109	67	Payer Code identifying a party or other code ALIAS: Payer Primary Identifier	C AN 2/80

Segment: **SPO** Shipment Purchase Order Detail
Position: 410
Loop: 250
Level:
Usage: Optional
Max Use: 1
Purpose: To specify the purchase order details for a shipment

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>																						
M	SPO01	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22																						
O	SPO02	127	Reference Identification Reference information as defined for a particular Transaction set or as specified by the Reference Identification Qualifier	O AN 1/30																						
C	SPO03	355	Unit or Basis for Measurement Code																							
	C	ID 2/2	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EDIPro Note: Use of ID qualifiers requires prior trading partner agreement.																							
			<table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr><td>CT</td><td>Carton</td></tr> <tr><td>EA</td><td>Each</td></tr> <tr><td>FT</td><td>Foot</td></tr> <tr><td>HU</td><td>Hundred</td></tr> <tr><td>KG</td><td>Kilogram</td></tr> <tr><td>LB</td><td>Pound</td></tr> <tr><td>MR</td><td>Meter</td></tr> <tr><td>PC</td><td>Piece</td></tr> <tr><td>RL</td><td>Roll</td></tr> <tr><td>TH</td><td>Thousand</td></tr> </tbody> </table>	Code	Name	CT	Carton	EA	Each	FT	Foot	HU	Hundred	KG	Kilogram	LB	Pound	MR	Meter	PC	Piece	RL	Roll	TH	Thousand	
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HU	Hundred																									
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LB	Pound																									
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PC	Piece																									
RL	Roll																									
TH	Thousand																									
C	SPO04	380	Quantity Numeric value of quantity	C R 1/15																						
C	SPO05	188	Weight Unit Code Code specifying the weight unit	C ID 1/1																						
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Code	Name																									
G	Grams																									
K	Kilograms																									
L	Pounds																									
O	Ounces																									
C	SPO06	81	Weight Numeric value of weight	C R 1/10																						

Segment: **SE** Transaction Set Trailer
Position: 610
Loop:
Level:
Usage: Mandatory
Max Use: 1
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)

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9