210 Xpress Global Systems Motor Carrier Details and Invoice

Functional Group ID= IM

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Transportation Carrier Shipment Status Message Transaction Set (210) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide detail information for charges for services rendered by a motor carrier. It is used both as a motor carrier invoice to request payment or as details pertaining to motor freight shipment(s) charges.

Please Note:

All usages under the label "Req" denote X12 usages. All usages under the label "Usage" denote Xpress Global usages.

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
M	010	ST	Transaction Set Header	M	1	
M	020	B3	Beginning Segment for Transportation Carrier Invoice	M	1	
	050	N9	Reference Identification	M	300	
	060	G62	Date/Time	M	1	
			LOOP ID - 0100			10
	100	N1	Name	O	1	
	120	N3	Address Information	O	2	
	130	N4	Geographic Location	O	1	
			LOOP ID - 0400			9999
M	120	LX	Assigned Number	M	1	
M	140	L5	Description, Marks and Numbers	M	30	
M	170	L0	Line Item – Quantity and Weight	M	10	
M	180	L1	Rate and Charges	M	10	
M	200	L7	Tariff Reference	M	10	
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

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

Xpress Global Systems

<div align="center">

Segment: **B3** **Beginning Segment for Transportation Carrier Invoice**
</div>

Segment: **B3** Beginning Segment for Transportation Carrier Invoice
Position: 020
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To transmit data relating to the carrier's invoice

<div align="center">

Data Element Summary
</div>

Ref. Des. Attributes	Data Element	Name		
M B302	76	**Invoice Number**	M	AN 1/22
		Carrier Freight Bill Number.		
M B303	145	**Shipment Identification Number**	M	AN 1/30
		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.		
M B304	146	**Shipment Method of Payment**	M	ID 2/2
		CC = Collect		
		PP = Prepaid (by Shipper)		
		TP = Third Party		
M B306	373	**Date**	M	DT 8/8
M B307	193	**Net Amount Due**	M	N2 1/12
		Please Note: Total charges to be paid by customer.		
M B308	202	**Correction Indicator**	C	ID 2/2
		Please note: Code used to indicate whether this invoice is a 'RB' rebill or 'BD' balance due. The original invoice number will have an 'A' appended to the original invoice number.		
M B311	140	**Standard Carrier Alpha Code**	M	ID 2/4

		N9 Reference Identification		
Segment:				

Segment: **N9** Reference Identification
Position: 050
Loop:
Level:
Usage: Optional
Max Use: 300
Purpose: To specify instructions in this business relationship or a reference number

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	N901	128	**Reference Identification Qualifier**	M	ID 2/2
			Code qualifying the Reference Identification		
			PO = Purchase Order number		
M	N902	127	**Reference Identification**	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment:G62 Date/Time

Position:	030	
Loop:		
Level:		
Usage:	Optional	
Max Use:	1	
Purpose:	To specify Pertinent dates and times	

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	G6201	432	**Date Qualifier** Code qualifying the Date 86 = Actual Pickup Date	M	ID 2/2
M	G6202	373	**Date**	M	DT 8/8

Segment:	**N1** Name		
Position:	110		
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.	

Data Element Summary

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

Xpress Global Systems

Segment:		**N3** Address Information			
Position:	070				
Loop:	0120	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

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

Segment:	**N4** Geographic Location		
Position:	080		
Loop:	0130	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

	Ref. Des. Attributes	Data Element	Name		
M	N401	19	**City Name**	M	AN 2/30
			Free-form text for city name		
M	N402	156	**State or Province Code**	M	ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency		
M	N403	116	**Postal Code**	M	ID 3/15
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
O	N404	26	**Country Code**	O	ID 2/3
			Code identifying the country		

Xpress Global Systems

<table>
<tr><td></td><td>**Segment:**</td><td colspan="2">**LX** **Assigned Number**</td></tr>
<tr><td></td><td>**Position:**</td><td colspan="2">120</td></tr>
<tr><td></td><td>**Loop:**</td><td>0400</td><td>Mandatory</td></tr>
<tr><td></td><td>**Level:**</td><td></td><td></td></tr>
<tr><td></td><td>**Usage:**</td><td colspan="2">Mandatory</td></tr>
<tr><td></td><td>**Max Use:**</td><td colspan="2">1</td></tr>
<tr><td></td><td>**Purpose:**</td><td colspan="2">To reference a line number in a transaction set</td></tr>
</table>

Data Element Summary

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

9

Segment:	**L5**	**Descriptions, Marks and Numbers**
Position:	140	
Loop:	0400	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

	Ref. Des. Attributes	Data Element	Name		
O	L501	213	**Lading Line Item Number**	O	NO 1/3
M	L502	79	**Lading Description** Description of shipment or additional charges.	M	AN 1/50

Segment:	**L0** Line Item – Quantity and Weight	
Position:	170	
Loop:	0400	Mandatory
Level:		
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify quantity, weight, volume , and type of service for a line time including applicable "quantity/rate-as" data	

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	L001	213	**Lading Line Item number**	M	N0 1/3
M	L002	220	**Billed/Rates As Quantity**	M	R 1/11
O	L003	221	**Billed/Rated As Qualifier** See EDI Standards for Codes	O	ID 2/2
C	L004	81	**Weight** Numeric value of weight – pounds assumed	C	R 1/10
C	L005	187	**Weight Qualifier** F Deficit Weight G Gross Weight N Actual Net Weight T Tare Weight	C	ID 1/2
C	L008	80	**Lading Quantity** Number of units (pieces) of the lading commodity. If you use the L008 you must also use the L009	C	N0 1/7
C	L009	211	**Packing Form Code** Code for packaging form of the lading quantity.	C	ID 3/3

PCS Pieces

Segment:	**L1** Rates and Charges	
Position:	180	
Loop:	0200	Mandatory
Level:		
Usage:	Optional	
Max Use:	10	
Purpose:	To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements	

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
C	**L102**	**60**	**Freight Rate**	C	R 1/9
			Code defining the type of weight		
C	**L103**	**122**	**Rate/Value Qualifier**	C	ID 2/2
			CW Per Hundred Weight		
			FR Flat Rate		
			MN Minimum		
			PF Per Cubic Foot		
			PG Per Gallon		
			PH Per Hundred (of Basic Unit)		
			PL Per Load		
			PM Per Mile		
			PU Per Unit		
			SY Square Yard		
M	**L104**	**58**	**Charge**	M	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. A(-) represents a discount.		
O	**L108**	**150**	**Special Charge or allowance Code**	O	ID 3/3
			DAA Deficit Amount		
			DSC Discount Amount		
			MNC Driver Collect Fee		
			MNC Notify Fee		
			RCL Redelivery Charges		
			MSG Reconsignment Fee		
			MSG Miscellaneous Freight		
			ENS Fuel Surcharge		

Segment:	**L7**	**Tariff Reference**		
Position:	200			
Loop:				
Level:				
Usage:	Mandatory			
Max Use:	10			
Purpose:	To reference details of the tariff used to arrive at applicable rates or charge			

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M L701	213	**Lading Line Item Number** Sequential line number for a lading item	O	N0 1/3
M L707	59	**Freight Class Code** Code indicating generalized classification that applies to one or more items in the shipment, i.e. class 70, 77.5 etc.	M	AN 2/5

	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

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

210 Motor Carrier Invoice
Business Example (Version 4010)
Invoicing
Example #1

This is an example of an invoice being sent to a customer. The detail lines are for linehaul, acessorials, discounts and fuel surcharge. This for one shipment, one bol third party billing to the consignee consisting of one line item for 1 piece/roll of carpet.

ST*210*000010001	210 is the Document ID and 000010001 is the control
B3**03971122*377672*TP**080716*22873*** *XGSIµ	3971122 is the Xpress Global probill number, 377672 customer bol number. PP = prepaid, 22873 is the total amount of the invoice, XGSI is the Xpress Global SCAC code.
N9*PO*154539Aµ	This N9 is for the customers PO number.
G62*86*20080402µ	The actual pickup date is April 4, 2008
N1*SH*SHIPPER NAME*92*0000012345 N3*SHIPPER ADDRESS 1*SHIPPER ADDRESS2 N4*CITY*ST*ZIP*US	Identifies the shipper name and ID information.
N1*CN*CONSIGNEE NAME*93*0000023456 N3*CONSIGNEE ADDRESS*CONSIGNEE ADDRESS2 N4*CITY*ST*ZIP*US	Identifies the consignee information. 000000023456 is the Xpress Global System identification code for this location
N1*BT*BILL-TO NAME*93*0000034567 N3*BILL-TO ADDRESS*BILL-TO ADDRESS2 N4*CITY*ST*ZIP*US	Identifies the consignee information 0000034567 is the Xpress Global Systems identification code for this location.
N1*CA*XPRESS GLOBAL SYSTEMSµ N3*1537 NEW HOPE CHURCH RDµ N4*TUNNEL HILL*GA*30755µ	Identifies the carrier of the load. (Optional)
N1*RE*XPRESS GLOBAL SYSTEMSµ N3*1537 NEW HOPE CHURCH RDµ N4*TUNNEL HILL*GA*30755µ	Remittance information (Optional)
LX*1µ	Detail Loop Iterations #1
L5*1*PLT(S)/CTN(S) CARPET TILEµ	Detail Information for Line 1
L0*1*1*FR*331*G***1*PCSµ	Line Item Quantity , Rate and Weight information. 1 Piece, 331 pounds gross weight, Flat Rate for this line
L1*1*1*MN*4500****FCDµ	Detail Information Rates and charges. $45.00 minimum for this carpet tile.
L7*1******70µ	Detail Class Information for Carpet Tile
LX*2µ	Detail Information for Line 2
L5*2*RESIDENTIAL DELIVERYµ	Accessorial fee for Residential Delivery
L0*2*1*FR*0*G***1*PCSµ	Flat Rate for this Service
L1*2*1*MN*8500****FCDµ	Rates and Charges
LX*3µ	Detail Information for Line 3

L5*3*LIFTGATEµ	Accessorial fee for Liftgate
L1*3*1*MN*8500****LFTµ	Flat Rate for this Service.
LX*4µ	Detail Information for Line 4
L5*4*C-63% XGSSQYD1 2006-01-16µ	Czar Rating Discount Information
L0*4*1*FR*0*G***1*PCSµ	Flat Rates for this invoice
L1*4*1*MN*0****DSCµ	Since the linehaul amount was calculated based on a minimum charge there is no Czar rating discount. If there had been a discount it would appear here, a negative amount in the L104.
LX*5µ	Detail Information Line 5
L5*5*30.50% TEMP FUEL SURCHARGEµ	Detail Information description for the 30.5% fuel surcharge
L0*5*1*FR*0*G***1*PCSµ	
L1*5***1373****ENS****30.50% TEMP FUEL SURCHARGµ	Fuel surcharge amounting to $13.73
L3*331*G***22873******1µ	Invoice totals, total weight 331 pounds, total amount $228.73
SE*41*000010001*1µ	Total of 41 lines for this ST/SE loop, control 000010001

210 Motor Carrier Invoice
Business Example (Version 4010)
Invoicing with Czar Rating
Example #2

This is an example of an invoice being sent to a customer. The detail lines are for linehaul, acessorials, discounts and fuel surcharge.   This for one shipment, one bol prepaid billing to the payor consisting of one line item .

ST*210*000010001	210 is the Document ID and 000010001 is the control
B3**03971122*377672*PP**080716*7688 ****XGSIμ	3971122 is the Xpress Global probill number, 377672 customer bol number. PP = prepaid, 7688 is the total amount of the invoice, XGSI is the Xpress Global SCAC code.
N9*PO*154539Aμ	This N9 is for the customers PO number.
G62*86*20080402μ	The actual pickup date is April 4, 2008
N1*SH*SHIPPER NAME*92*0000012345 N3*SHIPPER ADDRESS 1*SHIPPER ADDRESS2 N4*CITY*ST*ZIP*US	Identifies the shipper name and ID information.
N1*CN*CONSIGNEE NAME*93*0000023456 N3*CONSIGNEE ADDRESS*CONSIGNEE ADDRESS2 N4*CITY*ST*ZIP*US	Identifies the consignee information. 000000023456 is the Xpress Global System identification code for this location
N1*BT*BILL-TO NAME*93*0000034567 N3*BILL-TO ADDRESS*BILL-TO ADDRESS2 N4*CITY*ST*ZIP*US	Identifies the consignee information 0000034567 is the Xpress Global Systems identification code for this location.
N1*CA*XPRESS GLOBAL SYSTEMSμ N3*1537 NEW HOPE CHURCH RDμ N4*TUNNEL HILL*GA*30755μ	Identifies the carrier of the load. (Optional)
N1*RE*XPRESS GLOBAL SYSTEMSμ N3*1537 NEW HOPE CHURCH RDμ N4*TUNNEL HILL*GA*30755μ	Remittance information (Optional)
LX*1μ	Detail Loop Iterations #1
L5*1*PLT(S) OF GARDEN SUPPLIESμ	Detail Information for Line 1
L0*1*1*FR*1703*G***3*PCSμ	Line Item Quantity , Rate and Weight information. 3 Piece, 1703 pounds gross weight, Flat Rate for this line
L1*1***32766****FCDμ	Detail Information Rates and charges. $327.66 for this detail line.
L7*1******50μ	Detail Class Information for this commodity
LX*2μ	Detail Information for Line 2
L5*2*HWE 82% XGSCWT02 2008-03-13μ	Calculated Czar discount for the detail line #1
L0**1*FRμ	Flat Rate for this Service
L1*2***-31554****DSCμ	Calculated Czar Discount Amount
LX*3μ	Detail Information for Line 3
L5*3*CWT DEFICIT AMOUNT 297 lbsμ	Deficit detail line

L1*3***5714****DAAµ	Czar deficit amount.
LX*4µ	Detail Information for Line 4
L5*4*11.00% TEMP FUEL SURCHARGEµ	Fuel Surcharge Detail Line
L1*4***762****FUE****11% TEMP FUEL SURCHARGEµ	Fuel Surcharge Calculated amount
L3*1703*G***7688µ	Weight and Total Linehaul amount.
SE*36*000010001*1µ	Total of 36 lines for this ST/SE loop, control 000010001