

**ABF Freight System, Inc.
ANSI ASC X12 Version 4010**

210 Motor Carrier Freight Details and Invoice

The 210 can be used either as an invoice to request payment for services rendered or as details pertaining to freight shipment(s) charges. The carrier invoice number will be provided. Shipment ID number will be provided if received from the shipper. All mandatory items will be provided.

GS – Functional Group Header

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
GS01	479	Functional Group ID	02	02	M / ID	IM
GS02	142	Appl. Sender's Code	02	15	M / AN	ABFS
GS03	124	Appl. Receiver's Code	02	15	M / AN	Mutually defined
GS04	029	Data Interchange Date	08	08	M / DT	CCYYMMDD
GS05	030	Data Interchange Time	04	06	M / TM	HHMM – 24hr clock
GS06	028	Functional Group Control No.	01	09	M / NO	
GS07	455	Responsible Agency Code	01	02	M / ID	X
GS08	480	Version / Release	01	12	M / AN	004010

ST – Transaction Set Header

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
ST01	143	Trans. Set ID	03	03	M / ID	210
ST02	329	Trans. Set Control No.	04	09	M / AN	

B3 – Beginning Segment for Carriers Invoice

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
B302	076	Invoice Number	01	22	M / AN	Carrier Pro Number
B303	145	Shipment Identification Number	01	30	O / AN	Bill of Lading Number
B304	146	Shipment Method of Payment	02	02	M / ID	CC - Collect PP - Prepaid TP - Third Party
B305	188	Weight Unit Qualifier	01	01	O / ID	L - Pounds
B306	373	Billing Date	08	08	M / DT	CCYYMMDD
B307	193	Net Amount Due	01	12	M / N2	Total Charges
B308	202	Correction Indicator	02	02	O / ID	Examples: CO or BD
B309	032	Delivery Date	08	08	C / DT	Delivery Date
B310	374	Date / Time Qualifier	03	03	C / ID	035 - Delivered
B311	140	SCAC	02	04	M / ID	ABFS

C3 – Currency

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
C301	100	Currency Code	03	03	M / ID	USD

N9 – Reference Number

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
N901	128	Reference No. Qualifier	02	03	M / ID	BM - B/L Number CR - Customer Reference Number PO - Purchase Order Number Q1 – Quote Number
N902	127	Reference Number	01	30	C / AN	

G62 – Date / Time

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
G6201	432	Date Qualifier	02	02	C / ID	11 – Shipped On
G6202	373	Date	08	08	C /DT	CCYYMMDD

R3 – Route Information

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
R301	140	SCAC	02	04	M / ID	ABFS 1, 2, or 3
R302	133	Routing Sequence Code	01	02	M / ID	
R303	019	City Name	02	30	O / AN	
R310	284	Service Level Code	02	02	O / ID	

H3 – Special Handling Instructions

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
H301	152	Special Handling Code	02	03	C / ID	EXP – TimeKeeper

N1 – Name

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
N101	098	Entity Identifier	02	03	M / ID	SH - Shipper Number CN - Consignee BT - Bill to Third Party
N102	093	Name	01	60	C / AN	
N103	066	ID Code Qualifier	01	02	C / ID	ZZ
N104	067	ID Code	02	80	C / AN	ABF Account and Location

N3 – Address Information

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
N301	166	Address	01	55	M / AN	
N302	166	Address	01	55	O / AN	

N4 – Geographic Location

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
N401	019	City Name	02	30	C / AN	
N402	156	State / Province Code	02	02	O / ID	
N403	116	Postal Code	03	15	O / ID	
N404	026	Country Code	02	03	O / ID	USA, CAN, or MEX

LX – Assigned Number

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
LX01	554	Assigned Number	01	06	M / N0	

L5 – Description, Marks, and Numbers

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
L501	213	Lading Line Item Number	01	03	O / N0	Same as LX01
L502	079	Lading Description	01	50	O / AN	
L503	022	Commodity Code	01	30	C / AN	
L504	023	Commodity Code Qualifier	01	01	C / AN	N - NMFC

L0 – Line Item - Quantity and Weight

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
L001	213	Lading Line Number	01	03	O / N0	Same as LX01
L002	220	Billed/Rate-As-Qty	01	11	C / R	
L003	221	Billed/Rate as Qualifier	02	02	C / ID	
L004	081	Weight	01	10	C / R	
L005	187	Weight Qualifier	01	02	C / ID	F or G
L008	080	Lading Quantity	01	07	C / N0	Handling Units
L009	211	Lading Quantity Qualifier	03	03	C / ID	PCS
L011	188	Weight Unit Code	01	01	O / ID	L

L1 – Rate and Charges

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
L101	213	Lading Line Item Number	01	03	O / N0	Same as LX01
L102	060	Freight Rate	01	09	O / R	
L103	122	Rate/Value Qualifier	02	02	C / ID	
L104	058	Charge	01	12	C / N2	
L108	150	Special Charge or Allowance	03	03	O / ID	
L112	276	Special Charge Description	02	25	O / AN	

L7 – Tariff Reference

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
L701	213	Lading Line Number	01	03	O / N0	
L702	168	Tariff Agency Code	01	04	O / ID	
L703	171	Tariff Number	01	07	O / AN	
L707	059	Freight Class Code	02	05	O / AN	

K1 – Remarks

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
K101	061	Free Form Message	01	30	M / AN	
K102	061	Free Form Message	01	30	O / AN	

L3 – Total Weight and Charges

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
L301	081	Weight	01	10	C / R	
L302	187	Weight Qualifier	01	02	C / ID	G - Gross Weight
L305	058	Charge	01	12	O / N2	
L309	183	Volume	01	08	C / R	
L310	184	Volume Unit Qualifier	01	01	C / ID	E – Cubic Feet
L311	080	Lading Quantity	01	07	O / N0	Total Pieces

SE – Transaction Set Trailer

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
SE01	096	Number of Included Segments	01	10	M / N0	Number of this segment
SE02	329	Transaction Set Control Number	04	09	M / AN	Number of transactions in set

GE – Functional Group Trailer

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
GE01	097	Number of Incl. Sets	01	06	M / N0	
GE02	028	Data Intch Control No.	01	09	M / N0	Must match GS06