

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

Shipment Information (Motor) Set 210

Initiator: ABF

Purpose: Can be used both as an invoice to request payment for services rendered or as details pertaining to freight shipment(s) charges.

Definition: To provide detail information of charges for services rendered.

Assumptions: The carrier invoice number will be provided. Shipment ID number (SID) 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	08	M / TM	HHMM – 24hr clock
GS06	028	Data Intchg Control No.	01	09	M / N0	Incr by 1
GS07	455	Responsible Agency Code	01	02	M / ID	T = TDCC X = X12
GS08	480	Version / Release	01	12	M / AN	Mutually decided

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	76	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 Meth of Pay	02	02	M / ID	CC = Collect PP = Prepaid
B305	188	Weight Unit Qualifier	01	01	O / ID	L = lbs.
B306	373	Billing Date	08	08	M / DT	CCYYMMDD
B307	193	Net Amount Due	01	09	M / N2	Total Charges
B308	202	Correction Indicator	02	02	O / ID	Correction Ind
B309	32	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'

N9 – Reference Number

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
N901	128	Reference No. Qualifier	02	02	M / ID	BM = B/L Number CR = Customer Ref. Number CN = Carrier's Ref. Number SO = Shipper's Order PO = Purchase Order 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	86 = Actual pickup
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	
R302	133	Routing Seq. Code	01	02	M / ID	

N1 – Name

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
N101	098	Entity Identifier	02	02	M / ID	SH = Shipper Number CN = Consignee BT = Bill to Third Party
N102	093	Name	01	35	C / AN	
N103	066	ID Code Qualifier	01	02	C / ID	
N104	067	ID Code	02	20	C / AN	

N2 – Additional Name Information

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
N201	093	Name	01	35	M / AN	

N3 – Address Information

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
N301	166	Address	01	35	M / AN	

N4 – Geographic Location

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
N401	019	City Name	02	30	C / AN	Postal Alpha Code Zip Code
N402	156	State / Prov. Code	02	02	O / ID	
N403	116	Postal Code	03	11	O / ID	

N7 – Equipment Details

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
N701	207	Equipment Number	01	10	M / AN	

SPO – Shipment Purchase Order Detail

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
SPO01	324	Purchase Order #	01	22	M / AN	
SPO02	127	Reference ID	01	30	O / AN	
SPO03	355	Measurement Code	02	02	X / ID	
SPO04	380	Quantity	01	15	X / R	
SPO05	188	Weight Unit Code	01	01	X / ID	
SPO06	81	Weight	01	10	X / R	
SPO07	647	Appl. Error Cond. Code	01	03	O / ID	

SDQ – Destination Quantity

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
SDQ01	355	Measurement Code	02	02	M / ID	
SDQ02	66	ID Code Qualifier	01	02	O / ID	
SDQ03	67	ID Code	02	80	M / AN	
SDQ04	380	Quantity	01	15	X / R	

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		
L502	079	Lading Description	01	50	O / AN	
L503	022	Commodity Code	01	30	C / AN	
L504	023	Commodity Code Qual	01	01	C / AN	N = NMFC

L0 – Line Item: Quantity and Weight

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
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	G = lbs
L008	080	Lading Quantity	01	07	C / N0	
L009	211	Lading Qty Qualifier	03	03	C / ID	

L1 – Rate and Charges

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
L102	60	Freight Rate	01	09	O / R	
L103	122	Rate/Value Qualifier	02	02	O / R	
L104	58	Charge	01	09	C / N2	
L108	150	Special Charge or Allowance	03	03	O / ID	

L7 – Tariff Reference

Segment	Element	Description	Length		Option / Type	Comments
			Min	Max		
L701	213	Lading Line Number	01	03	O / N0	
L707	059	Freight Class Code	02	05	M / AN	Mandatory for ABF

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	Total Weight
L302	187	Weight Qualifier	01	02	C / ID	G = Gross Weight
L305	58	Charge	01	09	O / N2	Tot. Freight Charge
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 Incl. Seg.	01	06	M / N0	Number of this segment
SE02	329	Trans. Set Control No.	04	09	M / AN	Number of trans. w/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