



Yellow Freight System, Inc.  
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**ASC X.12 VERSION 4010**  
**TRANSACTION SET 210 Electronic Freight Billing**

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SEGMENT	ELEMENT	O/ M/ X	MIN/MAX LENGTH	FORMAT	DESCRIPTION	DEFAULT VALUE	EXPLANATION
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**ISA – Interchange Control Header**

ISA01	I01	M	2/2	ID	Authorization Qualifier	00	No authorization information present
ISA02	I02	M	10/10	AN	Authorization Information		BLANK
ISA03	I03	M	2/2	ID	Security Information Qualifier	00	No security information present
ISA04	I04	M	10/10	AN	Security Information		BLANK
ISA05	I05	M	2/2	ID	Interchange ID Qualifier	02	Yellow Freight qualifier
ISA06	I06	M	15/15	AN	Interchange Sender ID	YFSY	Yellow Freight sender's ID
ISA07	I05	M	2/2	ID	Interchange ID Qualifier		Defines code in ISA06, which identifies receiver
ISA08	I07	M	15/15	AN	Interchange Receiver ID		Partner's Receiver ID
ISA09	I08	M	6/6	DT	Interchange Date		Date interchange created
ISA10	I09	M	4/4	TM	Interchange Time		Time interchange created; HHMM/24 hour clock
ISA11	I10	M	1/1	ID	Interchange Standard	U	US EDI Community
ISA12	I11	M	5/5	ID	Interchange Version	00300	Standard issued as ANSI X12.5 1997
ISA13	I12	M	9/9	N0	Interchange Control #		Sequentially assigned by sender
ISA14	I13	M	1/1	ID	Acknowledgement Request	0	No acknowledgement requested
ISA15	I14	M	1/1	ID	Usage Indicator	P	Indicates production data
ISA16	I15	M	1/1	AN	Component Element Separator	>	HEX 6E

**GS – Functional Group Header**

GS01	479	M	2/2	ID	Functional ID Code	IM	Electronic Freight Billing 210
GS02	142	M	2/15	AN	Application Sender's Code	YFSY	Yellow Freight Sender ID
GS03	124	M	2/15	AN	Application Receiver's Code		Partner Receiver ID
GS04	373	M	8/8	DT	Date (CCYYMMDD)		Date sender generated transaction set
GS05	337	M	4/8	TM	Time (HHMMSS)		Time sender generated transaction set
GS06	28	M	1/9	N0	Group Control Number		Assigned number originated & maintained by sender

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GS07	455	M	1/2	ID	Responsible Agency Code	X	Indicates Accredited Standards Committee X.12
GS08	480	M	1/12	AN	Version/Release ID Code	004010	Version 004, release 010

ST - Transaction Set Header				Max use 1			
ST01	143	M	3/3	ID	Transaction Set ID Code	210	Type of dataset
ST02	329	M	4/9	AN	Transaction Set Control Number		

B3 - Beginning Segment for Carrier's Invoice				Max use 1			
B301	147	O	1/1	ID	Shipment Qualifier		Not Used
B302	76	M	1/22	AN	Invoice Number		Yellow Freight's bill number
B303	145	O	1/30	AN	Shipment Identification Number		Bill of Lading Number (9 or 10 numeric)
B304	146	M	2/2	ID	Shipment Method of Payment	PP CC	Prepaid Collect
B305	188	O	1/1	ID	Weight Unit Qualifier	L	Indicates Pounds
B306	373	M	8/8	DT	Billing Date		Date Carrier Created the Invoice
B307	193	M	1/9	N/2	Net Amount Due		Total Charges Due
B308	202	O					Not Used
B309	32	X	8/8	DT	Delivery Date		Date Shipment Delivered to Consignee
B310	374	X	3/3	ID	Date/Time Qualifier	035	Code Specifying Type of Date/Time
B311	140	M	2/4	ID	SCAC	YFSY	Carrier Sending this Transaction Set
B312	373	O	8/8	DT	Date (CCYYMMDD)		Pick-up Date

C2 - Bank ID - Max Use 1							
C201	8	M	1/1	ID	Bank Client Code	R	Bank Client Code
C202	66	M	1 /2	ID	Identification Code Qualifier	ZZ	Identification Code Qualifier
C203	67	M	2/3	AN	Identification Code		Identification Code

C3 - Currency - Max Use 1							
C301	100	M	3/3	ID	Currency Code	USD	US Charge Currency Code
C302	280	O	4/10	R	Exchange Rate		Exchange Rate Effective at Rating
C303	100	O	3/3	ID	Currency Code		CAD-Canadian Payment Currency Code MX-Mexican Payment Currency Code

N9 - Reference Identification - Max Use 300							
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N901	128	M	2/3	ID	Reference Identification Qualifier		PO=Purchase Order, BM=Bill of Lading
N902	127	X	1/30	AN	Reference Identification		

**G62 - Date/Time - Max Use 6**

G6201	432	X	2/2	ID	Date Qualifier		86=Actual Pickup, 35=Delivered
G6202	373	X	8/8	DT	Date (CCYYMMDD)		

**R3 - Route Information - Motor - Max Use 12**

R301	140	M	2/4	ID	SCAC		
R302	133	M	1 /2	ID	Routing Sequence Code		
R303	19	O	2/30	AN	City Name		Not Used
R304	91	O	1 /2	ID	Transportation Method/Type Code	LT	Code Specifying the Method or Type of Transportation for the Shipment

**K1 - Remarks - Max Use 10**

K101	61	M	1/30	AN	Free-Form Message		Free-Form Information
K102	61	O	1/30	AN	Free-Form Message		Free-Form Information

**LOOP ID - 0100 Repeat 10**

**N1 - Name - Max Use 1**

N101	98	M	2/3	ID	Entity Identifier Code	SH SF CN BT	Shipper Ship From - Consignee Bill-To(Third Party to pay bill)
N102	93	X	1/60	AN	Name		Free-Form Name
N103	66	X	1 /2	ID	Identification Code Qualifier		6 = Plant Code, 25 = Customer Code, ZZ = Mutually Defined
N104	67	X	2/80	AN	Identification Code		

**N3 - Address Information - Max Use 2**

N301	166	M	1/55	AN	Address Information		Address Information
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**N4 - Geographic Location - Max Use 1**

N401	19	O	2/30	AN	City Name		City
N402	156	O	2/2	ID	State of Province Code		State

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N403	116	O	3/15	ID	Postal Code		Zip Code
N404	26	O	2/3	ID	Country Code		'US' is implied if not shown

**N9 - Reference Identification - Max Use 5**

N901	128	M	2/3	ID	Reference Identification Qualifier	PO	Identifies Purchase Order Number
N902	127	X	1/30	AN	Reference Identification		Purchase Order Number
N903	369	X	1/45	AN	Free-Form Description		Not Used

**LOOP ID - 0400 Repeat 9999**

**LX - Assigned Number - Max Use 1**

LX01	554	M	1/6	N0	Assigned Number		Number Assigned for Differentiation within a Transaction Set
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**L5 - Description, Marks and Numbers - Max Use 30**

L501	213	O	1/3	N0	Lading Line Item Number		Lading Line Number
L502	79	O	1/50	AN	Lading Description		Line Description as it appears on Freight Bill
L503	22	X	1/30	AN	Code Describing a Commodity		Not Used
L504	23	X	1/1	ID	Code Identifying the Commodity		Not Used

**L0 - Line Item – Quantity and Weight - Max Use 10**

L001	213	O	1/3	N0	Lading Line Item Number		Sequential Line Number for lading Item
L002	220	X	1/11	R	Rated as Quantity		Billed Quantity
L003	221	X	2/2	ID	Rated as Qualifier	LC	Per 100 Pounds
L004	81	X	1/10	R	Weight		Actual Weight for this Line Item
L005	187	X	1 /2	ID	Weight Qualifier		Code Defining type of Weight
L006	183	X	1/8	R	Volume		Not Used
L007	184	X	1/1	ID	Volume Unit Qualifier		Not Used
L008	80	X	1/7	N0	Lading Quantity		Number of Pieces for this Line Item
L009	211	X	3/3	ID	Packaging Form Code		
L010	458	O	2/25	AN	Dunnage Description		Not Used
L011	188	O	1/1	ID	Weight Unit Code	L	Indicates Pounds

**L1 - Rate and Charges - Max Use 10**

L101	213	O	1/3	N0	Lading Line Item Number		Sequential Line Number
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L102	60	X	1/9	R	Freight Rate		Rate that Applies to Commodity
L103	122	X	2/2	ID	Rate/Value Qualifier		Code Qualifying how to Extend Charges
L104	58	X	1/12	N2	Charge		A Negative Number is a Discount
L105	191	X	1/9	N2	Advances		Not Used
L106	117	X	1/9	N2	Prepaid Amount		Not Used
L107	120	O	3/9	AN	Rate Combination Point Code		Not Used
L108	150	O	3/3	ID	Special Charge		Code identifying special charge

**L7 - Tariff Reference - Max Use 10**

L701	213	O	1/3	N0	Lading Line Item Number		Sequential Line Number
L702	168	O	1/4	ID	Tariff Agency Code		Not Used
L703	171	O	1/7	AN	Tariff Number		Not Used
L704	172	O	1/2	AN	Tariff Section		Not Used
L705	169	O	1/16	AN	Tariff Item Number		Not Used
L706	170	O	1/2	N0	Tariff Item Part		Not Used
L707	59	O	2/5	AN	Freight Class Code		Code Indicating Generalized Classification

**K1 - Remarks - Max Use 10**

K101	61	M	1/30	AN	Free-Form Message		Free-Form Information
K102	61	O	1/30	AN	Free-Form Message		Free-Form Information

**L3 - Total Weight and Charges - Max Use 1**

L301	81	X	1/10	R	Weight		Total Weight of all L004 Data Elements, Except Deficit Weight
L302	187	X	1 / 2	X	Weight Qualifier	G	Gross Weight
L303	60	X	1/9	R	Freight Rate		Not Used
L304	122	X	2/2	ID	Rate/Value Qualifier		Not Used
L305	58	O	1/12	N2	Charge		Total Freight Charges =Sum of all L104 Elements
L306	191	O	1/9	N2	Advances		Not Used
L307	117	O	1/9	N2	Prepaid Amount		Not Used
L308	150	O	3/3	ID	Special Charge or Allowance Code		Not Used
L309	183	X	1/8	R	Volume		Not Used
L310	184	X	1/1	ID	Volume Unit Qualifier		Not Used
L311	80	O	1/7	N0	Lading Quantity		Total Pieces in Shipment = Sum of all L008 Elements

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SE - Transaction Set Trailer - Max Use 1							
SE01	96	M	1/10	N0	Number of Included Segments		Total Number of Segments
SE02	329	M	4/9	AN	Transaction Set Control Number		Unique Identifying Control Number

IEA - Interchange Control Trailer -							
IEA01	I16	M	1/5	N0	Number of Included Functional Groups		Total Number of Functional Groups
IEA02	I12	M	9/9	N0	Interchange Control Number		A Control Number Assigned by the Interchange Sender