

Yellow Freight System, Inc.



Yellow Freight System, Inc.

10990 Roe Avenue

Overland Park, KS 66207

(913) 344-5418 EDI Help Desk

(913) 344-4638 Fax

ASC X.12 VERSION 4010

TRANSACTION SET 211

Email - jacky.tyrrell@yellowcorp.com

Email - jeannie.richardson@yellowcorp.com

SEGMENT	ELEMENT	O/ M/ X	REQUIRED BY YFS	MIN/MAX LENGTH	FORMAT	DESCRIPTION	EXPECTED DATA	EXPLANATION
---------	---------	---------------	--------------------	-------------------	--------	-------------	------------------	-------------

ISA - Interchange Control Header

ISA01	I01	M	Y	2/2	ID	Authorization Qualifier	00	No authorization information present
ISA02	I02	M	Y	10/10	AN	Authorization Information		BLANK
ISA03	I03	M	Y	2/2	ID	Security Information Qualifier	00	No security information present
ISA04	I04	M	Y	10/10	AN	Security Information		BLANK
ISA05	I05	M	Y	2/2	ID	Interchange ID Qualifier		Defines code in ISA06, which identifies sender
ISA06	I06	M	Y	15/15	AN	Interchange Sender ID		Partner's sender ID
ISA07	I05	M	Y	2/2	ID	Interchange ID Qualifier	02	Yellow Freight qualifier
ISA08	I07	M	Y	15/15	AN	Interchange Receiver ID	YFSY	Yellow Freight receiver ID
ISA09	I08	M	Y	6/6	DT	Interchange Date		Date interchange created; YYMMDD format
ISA10	I09	M	Y	4/4	TM	Interchange Time		Time interchange created; HHMM/24 hour clock
ISA11	I10	M	Y	1/1	ID	Interchange Standard	U	US EDI Community
ISA12	I11	M	Y	5/5	ID	Interchange Version	00400	Standard issued as ANSI X12.5 1997
ISA13	I12	M	Y	9/9	N0	Interchange Control #		Sequentially assigned by sender
ISA14	I13	M	Y	1/1	ID	Acknowledgement Request	0	No acknowledgement requested
ISA15	I14	M	Y	1/1	ID	Usage Indicator	P	Indicates production data
ISA16	I15	M	Y	1/1	AN	Component Element Separator	>	HEX 6E

GS - Functional Group Header

GS01	479	M	Y	2/2	ID	Functional ID Code	BL	Bill of Lading - 211
GS02	142	M	Y	2/15	AN	Application Sender's Code		Partner's sender ID
GS03	124	M	Y	2/15	AN	Application Receiver's Code	YFSY	Yellow Freight receiver ID
GS04	373	M	Y	8/8	DT	Date (CCYYMMDD)		Date sender generated transaction set
GS05	337	M	Y	4/8	TM	Time (HHMMSS)		Time sender generated transaction set
GS06	28	M	Y	1/9	N0	Group Control Number		Assigned number originated & maintained

SEGMENT	ELEMENT	O/ M/ X	REQUIRED BY YFS	MIN/MAX LENGTH	FORMAT	DESCRIPTION	EXPECTED DATA	EXPLANATION
---------	---------	---------------	--------------------	-------------------	--------	-------------	------------------	-------------

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

ST - Transaction Set Header - Max Use 1								
ST01	143	M	Y	3/3	ID	Transaction Set ID Code	211	Type of dataset
ST02	329	M	Y	4/9	AN	Transaction Set Control Number		Yellow requires UCS numbering system. Digits 1-5 = GS06 Digits 6-9 are a sequential number

BOL - Beginning Segment for the Motor Carrier Bill of Lading - Max Use 1								
BOL01	140	M	Y	2/4	ID	Standard Carrier Alpha Code	YFSY	Origin Carrier ID code
BOL02	146	M	Y	2/2	ID	Shipment Method of Payment	PP CC	Prepaid Collect
BOL03	145	M	Y	1/30	AN	Shipment Identification Number		Shipper's Bill of Lading number
BOL04	373	M	Y	8/8	DT	Date		Date (CCYYMMDD)
BOL05	337	O		4/8	TM	Time		Time (HHMM - 24 hour clock)
BOL06	127	M	Y	1/30	AN	Reference Identification		Yellow Freight Pro-Number (including check-digit)
BOL07	160	O		1/1	ID	Status Report Request Code		
BOL08	226	O		1/1	ID	Section Seven Code		
BOL09	501	O		2/2	ID	Customs Documentation Handling Code		
BOL10	146	O		2/2	ID	Shipment Method of Payment		COD fee - Not Used
BOL11	100	O		3/3	ID	Currency Code		

B2A - Set Purpose - Max Use 1								
B2A01	353	M	Y	2/2	ID	Transaction Set Purpose Code	00	Code identifying purpose of transaction set
B2A02	346	O		2/2	ID	Application Type	BL	Code identifying an application

MS2 – Equipment or Container Owner & Type – Max Use 1								
MS201	140	X	Y	2/4	ID	Standard Carrier Alpha Code	YFSY	Origin Carrier ID code
MS202	207	X	Y	1/10	AN	Equipment Number		Yellow's Trailer number
MS203	40	O		2/2	ID	Equipment Description Code		
MS204	761	O		1/1	N0	Equipment Number Check Digit		

SEGMENT	ELEMENT	O/ M/ X	REQUIRED BY YFS	MIN/MAX LENGTH	FORMAT	DESCRIPTION	EXPECTED DATA	EXPLANATION
---------	---------	---------------	--------------------	-------------------	--------	-------------	------------------	-------------

L11 - Reference Number - Max Use 100								
L1101	127	X		1/30	AN	Reference Identification		Number associated with L1102
L1102	128	X		2/3	ID	Reference Identification Qualifier		
L1103	352	O		1/60	AN	Description		Free-form description

G62 - Date/Time - Max Use 6								
G6201	432	X	Y	2/2	ID	Date Qualifier		Qualifier for date
G6202	373	X	Y	8/8	DT	Date (CCYYMMDD)		Date
G6203	176	X		1/2	ID	Time Qualifier		
G6204	337	X		4/8	TM	Time		
G6205	623	O		2/2	ID	Time Code		

AT5 - Bill of Lading Handling Requirements - Max Use 50								
AT501	152	X		2/3	ID	Special Handling Code	SLC NC EXC	Shipper load & count Notify consignee before delivery Exclusive use of vehicle
AT502	560	X		2/10	ID	Special Services Code		
AT503	153	X		2/30	AN	Special Handling Description		

K1 - Remarks – Max Use 10								
K101	61	M		1/30	AN	Free-Form Message		For comment or special instruction
K102	61	O		1/30	AN	Free-Form Message		For comment of special instruction

LOOP 100 - Loop Repeat 10								
N1 - Name – Max Use 1								
N101	98	M	Y	2/3	ID	Entity Identifier Code	CN SH PF BT SF SP	Consignee Shipper Bill to Bill to Exit shipper Silent shipper
N102	93	X	Y	1/60	AN	Name		Name of customer
N103	66	X		1/2	ID	Identification Code Qualifier		
N104	67	X		2/20	AN	Identification Code		
N105	706	O		2/2	ID	Entity Relationship Code		
N106	98	O		2/3	ID	Entity Identifier Code		

N2 - Additional Name Information - Max Use 1								
---	--	--	--	--	--	--	--	--

SEGMENT	ELEMENT	O/ M/ X	REQUIRED BY YFS	MIN/MAX LENGTH	FORMAT	DESCRIPTION	EXPECTED DATA	EXPLANATION
---------	---------	---------------	--------------------	-------------------	--------	-------------	------------------	-------------

N201	93	M		1/60	AN	Name		Optional
N202	93	O		1/60	AN	Name		Optional

N3 - Address Information - Max Use 2								
N301	166	M	Y	1/55	AN	Address Information		Address
N302	166	O		1/55	AN	Address Information		Optional

N4 - Geographic Location - Max Use 1								
N401	19	M	Y	2/30	AN	City Name		City
N402	156	M	Y	2/2	ID	State or Province Code		State
N403	116	M	Y	3/15	ID	Postal Code		Zip or Postal code
N404	26	O		2/3	ID	Country Code		
N405	309	O		1/2	ID	Location Qualifier		
N406	310	O		1/30	AN	Location Identifier		

G61 - Contact - Max Use 3								
G6101	366	M		2/2	ID	Contact Function Code	DC	Delivery contact
G6102	93	M		1/60	AN	Name		Delivery contact name
G6103	365	X		2/2	ID	Communication Number Qualifier	TE	Telephone number qualifier
G6104	364	X		1/80	AN	Communication Number		Telephone number
G6105	443	O		1/20	AN	Contact Inquiry Reference		

LOOP 200 - Loop Repeat 9999								
AT1 - Bill of Lading Line Item Number - Max Use 1								
AT101	213	M	Y	1/3	N0	Lading Line Item Number		Starting with 1 for first commodity (at least one iteration of line item information is required)

L11 - Reference Number - Max Use 100								
L1101	127	X		1/30	AN	Reference Identification		Number associated with L1102
L1102	128	X		2/3	ID	Reference Identification Qualifier		
L1103	352	O		1/60	AN	Description		Free-form description

AT3 - Bill of Lading Rates & Charges (will accept of multi-carrier) - Max Use 1								
AT301	58	M		1/12	N2	Charge		Optional
AT302	1600	X		2/2	ID	Freight Rate Qualifier		Optional
AT303	60	X		1/9	R	Freight Rate		Optional
AT304	1601	X		2/2	ID	Rated-as Qualifier		Optional

SEGMENT	ELEMENT	O/ M/ X	REQUIRED BY YFS	MIN/MAX LENGTH	FORMAT	DESCRIPTION	EXPECTED DATA	EXPLANATION
---------	---------	---------------	--------------------	-------------------	--------	-------------	------------------	-------------

AT305	380	X		1/15	R	Quantity		Optional
AT306	1602	X		3/3	ID	Bill of Lading Charge Code		Optional
AT307	954	X		1/10	R	Percent		Optional

AT4 - Bill of Lading Description - Max Use 99								
AT401	79	M	Y	1/50	AN	Lading Description		Line item description

LOOP 210 - Loop Repeat 1

AT2 - Bill of Lading Line Item Detail - Max Use 1								
AT201	80	M	Y	1/7	N0	Lading Quantity		Number of handling units for the line item
AT202	211	M	Y	3/3	ID	Packaging Form Code		Packaging for quantity in AT201
AT203	187	M	Y	1/2	ID	Weight Qualifier	G N T P A S K	Gross weight Actual net weight Tare weight (pallets) Pallet weight Skid weight
AT204	188	M	Y	1/1	ID	Weight Unit Code	L	Pounds
AT205	81	M	Y	1/10	R	Weight		Weight for quantity in AT201
AT206	80	X	Y if ship on skids	1/7	N0	Lading Quantity		Number of pieces for this line item (skid piece count)
AT207	211	X	Y if ship on skids	3/3	ID	Packaging Form Code		Describes the packaging for this line item (on skid or pallet)
AT208	1073	O		1/1	ID	Yes/No Code		
AT209	22	O		1/30	AN	Commodity Code	NMFC #	Code describing commodity
AT210	59	O		2/5	AN	Freight Class Code		Commodity class code

SPO - Shipment Purchase Order Detail - Max Use 999999								
SPO01	324	M		1/22	AN	Purchase Order Number		
SPO02	127	O		1/30	AN	Reference Identification		Department number associated with purchase order number
SPO03	355	X		2/2	ID	Unit or Basis for Measurement Code		
SPO04	380	X		1/15	R	Quantity		Total quantity for the PO number
SPO05	188	X		1/1	ID	Weight Unit Code		
SPO06	81	X		1/10	R	Weight		Total weight for the PO number
SPO07	647	O		1/3	ID	Application Error Condition Code		
SPO08	127	O		1/30	AN	Reference Identification		

LOOP 220 - Loop Repeat 999999

SEGMENT	ELEMENT	O/ M/ X	REQUIRED BY YFS	MIN/MAX LENGTH	FORMAT	DESCRIPTION	EXPECTED DATA	EXPLANATION
---------	---------	---------------	--------------------	-------------------	--------	-------------	------------------	-------------

LX - Assigned Number - Max Use 1

LX01	554	M		1/6	N0	Assigned Number		To be used only if purchase order detail can not be associated with the specific Bill of Lading line item details included in the AT2 segment.
------	-----	---	--	-----	----	-----------------	--	--

SPO - Shipment Purchase Order Detail - Max Use 999999

SPO01	324	M		1/22	AN	Purchase Order Number		
SPO02	127	O		1/30	AN	Reference Identification		Department number associated with purchase order number
SPO03	355	X		2/2	ID	Unit or Basis for Measurement Code		
SPO04	380	X		1/15	R	Quantity		Total quantity for the PO number
SPO05	180	X		1/1	ID	Weight Unit Code		
SPO06	81	X		1/10	R	Weight		Total weight for the PO number
SPO07	647	O		1/3	ID	Application Error Condition Code		
SPO08	127	O		1/30	AN	Reference Identification		

LOOP 230 - Loop Repeat 2
G61 - Contact (mandatory of Hazardous material shipment) - Max Use 1

G6101	366	M	Y	2/2	ID	Contact Function Code	HM	HazMat contact
G6102	93	M	Y	1/60	AN	Name		HazMat contact name
G6103	365	X	Y	2/2	ID	Communication Number Qualifier	TE	Telephone number qualifier
G6104	364	X	Y	1/80	AN	Communication Number		Telephone number
G6105	443	O		1/20	AN	Contact Inquiry Reference		

L11 - Reference Number - Max Use 5

L1101	127	X		1/30	AN	Reference Identification		Number associated with L1102
L1102	128	X		2/3	ID	Reference Identification Qualifier		
L1103	352	O		1/60	AN	Description		Free-form description

LOOP 231 - Loop Repeat 25
LH1 - Hazardous Identification Information - Max Use 1

LH101	355	M	Y	2/2	ID	Unit or Basis for Measurement Code		Actual pounds
LH102	80	M	Y	1/7	N0	Lading Quantity		Number of pieces for this line item
LH103	277	O	Y	6/6	ID	UN/NA Identification Code		

200

SE - Transaction Set Trailer

SEGMENT	ELEMENT	O/ M/ X	REQUIRED BY YFS	MIN/MAX LENGTH	FORMAT	DESCRIPTION	EXPECTED DATA	EXPLANATION
---------	---------	---------------	--------------------	-------------------	--------	-------------	------------------	-------------

SE01	96	M	Y	1/10	N0	Number of Included Segments		Total number of segments including the ST & SE segments
SE02	329	M	Y	4/9	AN	Transaction Set Control Number		

GE - Functional Group Trailer								
GE01	97	M	Y	1/6	N0	Number of Transaction Sets Included		Total number of transaction sets included in the interchange
GE02	28	M	Y	1/9	N0	Group Control Number		Should be identical to GS06

IEA – Interchange Control Trailer								
IEA01	I16	M	Y	1/5	N0	Number of Included Functional Groups		Total number of functional groups included in the interchange
IEA02	I12	M	Y	9/9	N0	Interchange Control Number		