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ASC X.12 VERSION 4010
 TRANSACTION SET 204

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SEGMENT	ELEMENT	O/ M/ X	REQUIRED BY YFS	MIN/MAX LENGTH	FORMAT	DESCRIPTION	EXPECTED DATA	EXPLANATION
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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	SM	Load Tender - 204
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

								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	204	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

B2 - Beginning Segment for Shipment Information Transaction - Max Use 1								
B201	375	O		2/2	ID	Tariff Service Code		
B202	140	O	Y	2/4	ID	Standard Carrier Alpha Code	YFSY	SCAC code
B203	154	O		6/9	ID	Standard Point Location Code		
B204	145	O		1/30	AN	Shipment Identification Number		
B205	188	O		1/1	ID	Weight Unit Code		
B206	146	M	Y	2/2	ID	Shipment Method of Payment	PP CC	Prepaid Collect
B207	147	O		1/1	ID	Shipment Qualifier		
B208	86	O		1/3	N0	Total Equipment		
B209	460	O		1/1	ID	Shipment Weight Code		
B210	501	O		2/2	ID	Customs Doc Handling Code		
B211	335	O		3/3	ID	Transportation Terms Code		
B212	591	O		3/3	ID	Payment Method Code		

B2A - Set Purpose - Max Use 1								
B2A01	353	M	Y	2/2	ID	Transaction Set Purpose Code	00 14	Original Advance notification
B2A02	346	O	Y	2/2	ID	Application Type	BL LT	Bill of Lading Load Tender (will be treated as a Bill of Lading)

L11 – Business Instructions & Reference Number – Max Use 50								
L1101	127	X		1/30	AN	Reference Identification		
L1102	128	X		2/3	ID	Reference Identification Qualifier	CN	Carrier Pro number

NTE – Note/Special Instruction – Max Use 10								
NTE01	363	O		3/3	ID	Note Reference Code		Not Used
NTE02	352	M		1/80	AN	Description		Free-form comments or special

								instructions
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LOOP 100 - Loop Repeat 5

N1 - Name – Max Use 1

N101	98	M	Y	2/3	ID	Entity Identifier Code	BT PF	Bill to Party to receive freight bill
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

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		

L11 – Business Instructions & Reference Number – Max Use 1

L1101	127	X		1/30	AN	Reference Identification		
L1102	128	X		2/3	ID	Reference Identification Qualifier		

LOOP 200 - Loop Repeat 10

N7 – Equipment Details – Max Use 1

N701	206	O		1/4	AN	Equipment Initial		Not Used
N702	207	M		1/10	AN	Equipment Number		Trailer Number

LOOP 300 - Loop Repeat 10

S5 – Stop Off Details – Max Use 1

S501	165	M	Y	1/3	N0	Stop Sequence Number		
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S502	163	M	Y	2/2	ID	Stop Reason Code Qualifier	CL CU LD UL	Complete load Complete unload Load Unload
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L11 – Business Instructions & Reference Number – Max Use 50								
L1101	127	X		1/30	AN	Reference Identification		
L1102	128	X		2/3	ID	Reference Identification Qualifier		

AT5 – Bill of Lading Handling Requirements – Max Use 6								
AT501	152	X		2/3	ID	Special Handling Code	NC EXC SLC	Notify consignee before delivery Exclusive use of vehicle Shipper load & count
AT502	560	X		2/10	ID	Special Services Code		

NTE – Note/Special Instruction – Max Use 20								
NTE01	363	O		3/3	ID	Note Reference Code		Not Used
NTE02	352	M		1/80	AN	Description		Free-form comments or special instructions

LOOP 310 - Loop Repeat 1								
N1 - Name – Max Use 1								
N101	98	M	Y	2/3	ID	Entity Identifier Code	CN SH SF ST	Consignee Shipper Ship from (pick-up stop-off) Ship to (delivery stop-off)
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								
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	Y	2/2	ID	Contact Function Code	SH RP	Shipper contact Responsible person
G6102	93	M	Y	1/60	AN	Name		Shipper or responsible person 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		

LOOP 350 - Loop Repeat 999

OID – Order Identification Detail – Max Use 1								
OID01	127	X		1/30	AN	Reference Identification		Seller's order number
OID02	324	X	Y	1/22	AN	Purchase Order Number		
OID03	127	O		1/30	AN	Reference Identification		
OID04	355	X		2/2	ID	Unit or Basis for Measurement Code	01 LB	Actual pounds Pounds
OID05	380	X		1/15	R	Quantity		
OID06	188	X		1/1	ID	Weight Unit Code	L	Pounds
OID07	81	X		1/10	R	Weight		Weight in pounds
OID08	184	X		1/1	ID	Volume Unit Qualifier		Not Used
OID09	183	X		1/8	R	Volume		Not Used

G62 - Date/Time - Max Use 2								
G6201	432	X	Y	2/2	ID	Date Qualifier	10 11 37 38 53 54 67 68 69 70	Requested ship date/pick-up date Shipped on this date Ship not before date Ship not later than date Deliver not before date Deliver not later than date Delivered by this date Requested delivery date Scheduled pick-up date Scheduled delivery date

G6202	373	X	Y	8/8	DT	Date (CCYYMMDD)		
G6203	176	X	Y	1/2	ID	Time Qualifier	8 9 G I K L U X Y Z ED EP LD LP	Actual pickup time Actual delivery time Earliest requested deliver time Earliest requested pick-up time Latest requested pickup time Latest requested delivery time Scheduled pickup time Scheduled delivery time Requested pickup time Requested delivery time Earliest delivery time Earliest pickup time Latest delivery time Latest pickup time
G6204	337	X	Y	4/8	TM	Time		
G6205	623	O		2/2	ID	Time Code		

LOOP 360 - Loop Repeat 99

L5 – Description, Marks & Numbers – Max Use 1

L501	213	O	Y	1/3	N0	Lading Line Item Number		
L502	79	O	Y	1/50	AN	Lading Description		
L503	22	X		1/30	AN	Commodity Code		NMFC number
L504	23	X		1/1	ID	Commodity Code Qualifier	N	NMFC
L505	103	O		3/5	AN	Packaging Code		
L506	87	X		1/48	AN	Marks & Numbers		
L507	88	O		1/2	ID	Marks & Numbers Qualifier		
L508	23	X		1/1	ID	Commodity Code Qualifier		
L509	22	X		1/30	AN	Commodity Code		
L510	595	O		1/1	ID	Compartment ID Code		

AT8 – Shipment Weight, Packaging & Quantity Data – Max Use 1

AT801	187	X		1/2	ID	Weight Qualifier	G	Gross
AT802	188	X		1/1	ID	Weight Unit Code	L	Pounds
AT803	81	X		1/10	R	Weight		Weight in pounds
AT804	80	O		1/7	N0	Lading Quantity		Number of pieces not unitized
AT805	80	O		1/7	N0	Lading Quantity		Number of pieces unitized
AT806	184	X		1/1	ID	Volume Unit Qualifier		Not Used
AT807	183	X		1/8	R	Volume		

L3 – Total Weight and Charges – Max Use 1								
L301	81	X	Y	1/10	R	Weight		
L302	187	X	Y	1/2	ID	Weight Qualifier	G	Gross weight
L303	60	X		1/9	R	Freight Rate		
L304	122	X		2/2	ID	Rate/Value Qualifier		
L305	58	O		1/12	N2	Charge		
L306	191	O		1/9	N2	Advances		
L307	117	O		1/9	N2	Prepaid Amount		
L308	150	O		3/3	ID	Special Charge or Allowance Code		
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		
L312	188	O		1/1	ID	Weight Unit Code		
L313	171	O		1/7	AN	Tariff Number		
L314	74	X		2/12	N2	Declared Value		
L315	122	X		2/2	ID	Rate/Value Qualifier	BL	Bill of lading declared value

SE - Transaction Set Trailer								
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		