

Field Name	Start	Length	Comments	Example
Origin ZIP	1	6	US ZIP Code or Canadian Postal Code	"64101 " or "M1A1A0"
Destination ZIP	7	6	US ZIP Code or Canadian Postal Code	"64101 " or "M1A1A0"
MC Discount	13	4	Numeric, with 2 implied decimal places	5% = "0500" 50% = "5000" 50.25% = "5025"
L5C Discount	17	4	Numeric, with 2 implied decimal places	See above
5C Discount	21	4	Numeric, with 2 implied decimal places	See above
1M Discount	25	4	Numeric, with 2 implied decimal places	See above
2M Discount	29	4	Numeric, with 2 implied decimal places	See above
5M Discount	33	4	Numeric, with 2 implied decimal places	See above
10M Discount	37	4	Numeric, with 2 implied decimal places	See above
20M Discount	41	4	Numeric, with 2 implied decimal places	See above
30M Discount	45	4	Numeric, with 2 implied decimal places	See above
40M Discount	49	4	Numeric, with 2 implied decimal places	See above
Absolute MC	53	5	Numeric, with 2 implied decimal places	\$55.00 = "05500"
LTL Fuel Surcharge	58	6		2% = "2 " 2.5% = "2.5 "
TL Fuel Surcharge	64	6		See above
Last LTL Weight Break	70	6	The LTL Fuel Surcharge applies up to this weight break. Optional, default = 10,000 lbs.	10,000 lbs. = "010000"
Article Area	76	230	The following 4 fields make up 1 article. There are 10 articles total, one after the other	
Class		4	NMFC Class for this article	See classes below
Weight		6	The weight of this article	6,245 lbs. = "006245"
Rate		6	The rate for this article in cents	\$43.21 = "004321"
Charge		7	The charge for this article in cents	\$432.10 = "0043210"
Rated As	306	7	This field tells how the shipment was rated	"ACTUAL " or "DEFICIT" or "MINIMUM" or "AMC "
Actual Weight	313	6	The actual weight of the shipment	9500 lbs. = "009500"
Sum of Charges	319	8	The sum of the charges for each article in cents	\$4,567.89 = "00456789"
Deficit Class	327	4	The class a deficit weight is rated at	See classes below
Deficit Weight	331	6	The deficit weight if the shipment was deficit rated	500 lbs. = "000500"
Deficit Rate	337	6	The rate for the deficit in cents	\$43.21 = "004321"
Deficit Charge	343	7	The charge for the deficit in cents	\$432.10 = "0043210"
Billed Weight	350	6	The weight the shipment was rated at	10,000 = "010000"
Subtotal Charge	356	8	The sum of the Sum of Charges and the Deficit Charge in cents	\$12,345.67 = "01234567"
Discount Percent Used	364	4	The discount that was applied. Numeric, with 2 implied decimal places	5% = "0500" 50% = "5000" 50.25% = "5025"
Discount Amount	368	8	The amount of the discount that was applied, in cents	\$123.45 = "00012345"
Total Charge	376	8	The Subtotal Charge less the Discount Amount, in cents	\$98.50 = "00009850"
Fuel Surcharge Used	384	6	The fuel surcharge percentage that was used	2% = "2 " 2.5% = "2.5 "
Fuel Surcharge Amount	390	7	The amount of the fuel surcharge, in cents	\$5.89 = "0000589"
Grand Total Charge	397	8	The sum of the Total Charge and the Fuel Surcharge Amount	\$10,987.65 = "01098765"
Not Used	405	1		
Tariff Name	406	15	The Tariff to use when rating the shipment	"MARS 500"
Effective Date	421	8	The effective date of the rates to use from the tariff in Tariff Name, YYYYMMDD	01-01-02 = "20020101"
Record ID	429	20	Anything	
Return Code	449	2	Tells whether or not the shipment was rated successfully	See return codes below
Not Used	451	50		

Record length = 500

Valid Classes are: "50 ", "55 ", "60 ", "65 ", "70 ", "77.5", "85 ", "92.5", "100 ", "110 ", "125 ", "150 ", "175 ", "200 ", "250 ", "300 ", "400 ", "500 "

Return Codes:

"00" = Successful
"01" = This tariff is not available
"02" = Rates are not available for this date
"03" = The origin ZIP Code was not found in this tariff
"04" = The destination ZIP Code was not found in this tariff
"05" = A rate base number was not found for this pair of ZIP Codes
"06" = Tariff data is missing or corrupt
"99" = Internal system error