Destination	Field Name	Start	Length	Comments	Example
MC Discount 13	Origin ZIP	1	6	US ZIP Code or Canadian Postal Code	"64101 " or "M1A1A0"
MC Discount 13	Destination ZIP	7	6	US ZIP Code or Canadian Postal Code	"64101 " or "M1A1A0"
SC Discount 21 4	MC Discount	13	4	Numeric, with 2 implied decimal places	50% = "5000"
M Discount 25	L5C Discount	17	4	Numeric, with 2 implied decimal places	See above
Multiple	5C Discount	21	4	Numeric, with 2 implied decimal places	See above
Mumeric, with 2 implied decimal places See above	1M Discount	25	4	Numeric, with 2 implied decimal places	See above
100M Discount 37	2M Discount	29	4	Numeric, with 2 implied decimal places	See above
20M Discount 41 4 Numeric, with 2 implied decimal places See above 30M Discount 49 4 Numeric, with 2 implied decimal places See above Absolute MC 53 5 Numeric, with 2 implied decimal places \$55.00 = "05500" T.T. Fuel Surcharge 58 6 \$25.00 = "05500" Surcharge 64 6 See above J. Fuel Surcharge 64 6 See above J. Surcharge 66 He LTL Fuel Surcharge applies up to this wise wight break. Optional, default = 10,000 lbs. 10,000 lbs. = "010000" J. Surcharge 76 230 The following 4 fields make up 1 article. There are 10 articles total, one after the other See classes below Class 4 NMFC Class for this article in cents \$43.21 = "004321" Rate As 306 7 This field tells how the shipment was rated "ACTUAL TO" TPEFICIT" "MINIMUM" or "AMC" "ACTUAL TO" "DEFICIT" "MINIMUM"	5M Discount	33	4	Numeric, with 2 implied decimal places	See above
Month Mont	10M Discount	37	4	Numeric, with 2 implied decimal places	See above
Absolute MC	20M Discount	41	4	Numeric, with 2 implied decimal places	See above
Absolute MC	30M Discount	45	4	Numeric, with 2 implied decimal places	See above
T. Fuel Surcharge 58 6 2% = "2." 2.5% = "2.5" See above 2.5% = "2.5% = "2.5% = "2.5% = "2.5% = "2.5" See above 2.5% = "0.0000" See above 2.5% = "0.00000" See above 2.5% = "0.000000" See above 2.5% = "0.0000000" See above 2.5% = "0.00000000" See above 2.5% = "0.000000000" See above 2.5% = "0.0000000000" See above 2.5% = "0.0000000000000000000000	40M Discount	49	4	Numeric, with 2 implied decimal places	See above
Surcharge 58	Absolute MC	53	5	Numeric, with 2 implied decimal places	\$55.00 = "05500"
Surcharge 04 0 See above	LTL Fuel Surcharge	58	6		
Weight Break 70 Weight break Optional, default = 10,000 lbs. 10,000 lbs. 0,000 lbs.	TL Fuel Surcharge	64	6		See above
Class	Last LTL Weight Break	70	6	weight break. Optional, default = 10,000 lbs.	10,000 lbs. = "010000"
Weight	Article Area	76		are 10 articles total, one after the other	
Rate			4	NMFC Class for this article	
The charge 7 The charge for this article in cents \$432.10 = "0043210"	Weight		6	The weight of this article	6,245 lbs. = "006245"
Rated As 306 7 This field tells how the shipment was rated "ACTUAL " or "DEFICIT" "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" See classes below Deficit Rate 337 6 The rate for the deficit in cents \$43.21 = "004321" Deficit Pharge 343 7 The charge for the deficit in cents \$43.21 = "004321" Selficit Pharge 356 8 The weight the shipment was rated at 10,000 = "010000" Subtotal Charge in cents The sum of the Sum of Charges and the Deficit Charge in cents Second Percent Used 364 4 The amount of the discount that was applied. Numeric, with 2 implied decimal places Second 368 8 The amount of the discount that was applied, in cents Second 368 8 The Subtotal Charge less the Discount Amount, in cents The Sucharge Bess the Discount Amount, in cents Second 364 6 The fuel surcharge percentage that was used 364 6 The fuel surcharge percentage that was used 365 8 The sum of the fuel surcharge, in cents \$5.89 = "00009850" Surcharge Amount 366 8 The sum of the Total Charge and the Fuel Surcharge Amount 367 Surcharge Amount 367 The sum of the Total Charge and the Fuel Surcharge Amount 367 The Tariff to use when rating the shipment MARS 500" The Tariff Name 406 15 The Tariff to use when rating the shipment MARS 500" The Effective Adae 44 Security Adae 54 Security Adae 55 Se	Rate		6	The rate for this article in cents	\$43.21 = "004321"
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 Rate 337 6 The rate for the deficit in cents \$43.21 = "004321" Deficit Charge 343 7 The charge for the deficit in cents \$43.21 = "004321" Deficit Charge 343 7 The charge for the deficit in cents \$43.21 = "0043210" Deficit Charge 356 8 The weight the shipment was rated at 10,000 = "010000" Subbtotal Charge in cents 12,345.67 = "01234567 Deficit Charge in cents 12,345.67 = "01234567 Deficit Charge in cents 12,345.67 = "01234567 Deficit Charge in cents 12,345.67 = "0500" Sove = "5000" Sove	Charge		7	The charge for this article in cents	· · · · · · · · · · · · · · · · · · ·
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 500 lbs. = "000500" rated 500 lbs. = "000500" strated 500 lbs. = "0004321" strated 500 lbs. = "00009321" strated 500 lbs. = "00	Rated As	306	7	This field tells how the shipment was rated	"ACTUAL " or "DEFICIT" o "MINIMUM" or "AMC "
Charges 319 8 The sum of the charges for each article in cents \$4,567.89 = "0.0456789 Deficit Class 327 4 The class a deficit weight is rated at Deficit Weight 331 6 The deficit weight if the shipment was deficit rated See classes below The deficit weight if the shipment was deficit rated 500 lbs. = "0.00500" 500 lbs. = "0.00500" 500 lbs. = "0.004321" Deficit Charge 343 7 The charge for the deficit in cents \$43.2.1 = "0.04321" 10.000 = "0.010000" Subtotal Charge 150	Actual Weight	313	6	The actual weight of the shipment	9500 lbs. = "009500"
Deficit Weight 331 6 The deficit weight if the shipment was deficit rated 500 lbs. = "000500" and of the shipment was deficit rated 500 lbs. = "000500" and of the shipment was deficit rated 500 lbs. = "000500" and of the shipment was deficit rated 500 lbs. = "000500" and of the shipment was deficit rated 500 lbs. = "000500" and of the shipment was rated at 500 lbs. = "00043210" and of the shipment was rated at 500 lbs. = "00043210" and of the shipment was rated at 500 lbs. = "010000" and of the shipment was rated at 500 lbs. = "010000" and of the shipment was rated at 500 lbs. = "010000" and of the shipment was rated at 500 lbs. = "010000" and of the shipment was rated at 500 lbs. = "010000" and of the shipment was rated at 500 lbs. = "010000" and of the shipment was rated at 500 lbs. = "010000" and of the shipment was rated at 500 lbs. = "010000" and of the shipment was rated at 500 lbs. = "010000" and of the shipment was rated at 500 lbs. = "010000" and of the shipment was rated at 500 lbs. = "010000" and of the shipment 500 lbs. = "0100000" and of the shipment 500 lbs. = "0100000" and of the shipment 500 lbs. = "01000000" and of the shipment 500 lbs. = "01000000" and of the shipment 500 lbs. = "01000000" and of the shipment 500 lbs. = "010000000" and of the shipment 500 lbs. = "0100000000" and of the shipment 500 lbs. = "010000000000000000000000000000000000	Sum of Charges	319	8	The sum of the charges for each article in cents	\$4,567.89 = "00456789"
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 \$43.2.10 = "0043210" Subtotal Charge 356 8 The sum of the Sum of Charges and the Deficit Charge in cents \$12,345.67 = "01234567	Deficit Class	327	4	The class a deficit weight is rated at	See classes below
Deficit Charge 343 7 The charge for the deficit in cents \$432.10 = "0043210" The charge for the deficit in cents \$432.10 = "0043210" 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% = "5000" 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 Jaed 46 The fuel surcharge percentage that was used \$2% = "2 " 2.5% = "2.5" = "2.5" = "2.5" = "2.5" = "0000589	Deficit Weight	331	6		500 lbs. = "000500"
The charge or the deficit in cents \$4.32.10 = "0.043.210" Subtotal Charge or the deficit in cents \$4.32.10 = "0.043.210" Subtotal Charge or the deficit in cents \$10,000 = "0.0000" Subtotal Charge or the Sum of Charges and the Deficit Charge in cents \$12,345.67 = "0.1234567 Siscount Order or the discount that was applied. Numeric, with 2 implied decimal places \$5% = "5000" 50.25% = "5000" 50.25% = "5002" Discount Order or the discount that was applied, in cents \$123.45 = "0.0012345" The amount of the discount that was applied, in cents \$98.50 = "0.0009850" Fuel Surcharge Order or the discount that was applied, in cents \$98.50 = "0.0009850" Fuel Surcharge Order or the discount that was applied, in cents \$123.45 = "0.0012345" The fuel surcharge less the Discount Amount, in cents \$98.50 = "0.0009850" Fuel Surcharge Order or the discount that was used \$2% = "2" 2.5% = "2.5" Fuel Surcharge Order or the fuel surcharge, in cents \$5.89 = "0.000589 Order or the fuel surcharge and the Fuel Surcharge Order or the Surcharge Amount \$10,987.65 = "0.109876. The sum of the Total Charge and the Fuel \$10,987.65 = "0.109876. Surcharge Amount The fuel surcharge or the shipment \$10,987.65 = "0.109876. The amount of the rotal Charge and the Fuel \$10,987.65 = "0.109876. The sum of the Total Charge and the Fuel \$10,987.65 = "0.109876. The amount of the rotal Charge and the Fuel \$10,987.65 = "0.109876. The sum of the Total Charge and the Fuel \$10,987.65 = "0.109876. The amount of the rotal Charge and the Fuel \$10,987.65 = "0.109876. The sum of the Total Charge and the Fuel \$10,987.65 = "0.109876. The amount of the fuel surcharge, in cents \$10,987.65 = "0.109876. The sum of the Total Charge and the Fuel \$10,987.65 = "0.109876. The sum of the Total Charge and the Fuel \$10,987.65 = "0.109876. The sum of the Total Charge and the Fuel \$10,987.65 = "0.109876. The amount of the discount that was applied, in \$10,987.65 = "0.109876. The sum of the Total Charge and the Fuel \$10,987.65 = "0.109876. The sum of the Total Ch	Deficit Rate	337	6	The rate for the deficit in cents	\$43.21 = "004321"
Subtotal Charge 356 8 The sum of the Sum of Charges and the Deficit Charge in cents 364 4 The discount that was applied. Numeric, with 2 implied decimal places 50.25% = "0500" 50.25% = "5005" 50.25% = "5025" 50.25% = "5025" 50.25% = "5025" 50.25% = "00012345" 50.25% = "00012345" 50.25% = "00012345" 50.25% = "00012345" 50.25% = "00012345" 50.25% = "00012345" 50.25% = "00012345" 50.25% = "00012345" 50.25% = "00012345" 50.25% = "00012345" 50.25% = "2.5% = "2.5" 50.25% = "2.5% = "2.5" 50.25% = "2.5% = "2.5% = "2.5% = "2.5% = "2.5% = "2.5% = "2.5% = "2.5% = "2.5% = "2.5% = "0000589 50.2	Deficit Charge	343	7	The charge for the deficit in cents	\$432.10 = "0043210"
Charge 350 8 Charge in cents \$12,345.67 = '0123450.07 Discount Percent Used 364 4 The discount that was applied. Numeric, with 2 implied decimal places 50.25% = "5000" 50.825% = "5000" 50.25% = "5000" 50.25% = "5000" 50.25% = "5000" 50.25% = "5000" 50.25% = "5000" 50.25% = "00012345" 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" The fuel surcharge percentage that was used 2% = "2 " 2.5% = "2.5 " The amount of the fuel surcharge, in cents \$5.89 = "0000589 The sum of the Total Charge and the Fuel Surcharge Amount The sum of the Total Charge and the Fuel Surcharge Amount \$10,987.65 = "0109876 The Tariff Name 406 15 The Tariff to use when rating the shipment "MARS 500" The effective date of the rates to use from the tariff in Tariff Name, YYYYMMDD Record ID 429 20 Anything Return Code 449 2 Tells whether or not the shipment was rated successfully See return codes below	Billed Weight	350	6		10,000 = "010000"
Discount Amount 364 4 implied decimal places 50% = "5000" 50.25% = "5000" 50.25% = "5000" 50.25% = "5005" 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 Jased 50 The fuel surcharge percentage that was used 2% = "2" 2.5% = "2.5" Fuel Surcharge Amount 50 The amount of the fuel surcharge, in cents \$5.89 = "0000589	Subtotal Charge	356	8		\$12,345.67 = "01234567"
Amount 368 8 cents \$123.45 = 00012345 Total Charge 376 8 The Subtotal Charge less the Discount Amount, in cents \$98.50 = "00009850" Tuel Surcharge 384 6 The fuel surcharge percentage that was used 2% = "2 " 2.5% = "2.5 " Tuel Surcharge 390 7 The amount of the fuel surcharge, in cents \$5.89 = "0000589 Amount 397 8 The sum of the Total Charge and the Fuel Surcharge Amount \$10,987.65 = "0109876." 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 Record ID 429 20 Anything Tells whether or not the shipment was rated successfully See return codes below	Discount Percent Used	364	4		50% = "5000"
in cents Surcharge 376 8	Discount Amount	368	8		\$123.45 = "00012345"
Surcharge Used 384 6 The fuel surcharge percentage that was used 2% = "2" 2.5% = "2.5"	Total Charge	376	8	,	\$98.50 = "00009850"
Surcharge Amount 390 7 The amount of the fuel surcharge, in cents \$5.89 = "0000589 Amount 397 8 The sum of the Total Charge and the Fuel Surcharge Amount \$10,987.65 = "0109876." Not Used 405 1	Fuel Surcharge Used	384	6	The fuel surcharge percentage that was used	
Charge 397 8 Surcharge Amount \$10,987.65 = "0109876" 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 Tells whether or not the shipment was rated successfully See return codes below	Fuel Surcharge Amount	390	7	The amount of the fuel surcharge, in cents	\$5.89 = "0000589
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 Tells whether or not the shipment was rated successfully See return codes below	Grand Total Charge				\$10,987.65 = "01098765
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				
Date 421 8 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	Tariff Name	406	15		"MARS 500"
Return Code 449 2 Tells whether or not the shipment was rated successfully See return codes below	Effective Date	421	8		01-01-02 = "20020101"
Return Code 449 2 successfully See return codes below	Record ID	429	20		
Not Used 451 50	Return Code	449	2	·	See return codes below
	Not Used	451	50		

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