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SECTION 12 - INTRALATA TOLL MESSAGE TELECOMMUNICATIONS SERVICE

C.   BASIS FOR ESTABLISHING RATES (Continued)

3.   Determination of Air Line Mileages

a.   To determine the rate distance between any two rate centers proceed as follows:

Step (1)   Obtain the "V" and "H" coordinates for each rate center.

Step (2)   Obtain the difference between the "V" coordinates of the two rate centers. Obtain the difference between the "H" coordinates.

Note: The difference is always obtained by subtracting the smaller coordinate from the larger coordinate.

Step (3)   Divide each of the differences obtained in (2) by three, rounding each quotient to the nearer integer.

Step (4)   Square these two integers and add the two squares. If the sum of the squares is greater than 1777, divide the integers obtained in (3) by three and repeat step (4). Repeat this process until the sum of the squares obtained in (4), is less than 1778.

Step (5)   The number of successive divisions by three in steps (3) and (4) determines the value of "N". Multiply the final sum of the two squares obtained in step (4) by the multiplier specified in the following table for this value of "N", preceding:

N	Multiplier	Minimum Rate Mileage
1	0.9	----
2	8.1	41
3	72.9	121
4	656.1	361
5	5,904.9	1,081
6	53,144.1	3,241

Step (6)   Obtain square root of product in (5) and, with any resulting fraction, round up to next higher integer. This is the message rate mileage except that when the mileage so obtained is less than the minimum rate mileage shown in (5), preceding, the minimum rate mileage corresponding to the "N" value is applicable

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