

LDMI Telecommunications, LLC
New York P.S.C. No. 1 - Telephone

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TELECOMMUNICATIONS SERVICES TARIFF

SECTION 3 - DESCRIPTION OF SERVICES AND RATES, (CONT'D.)

3.4 Calculation of Distance

Usage charges for any mileage sensitive services vary based on the type of service subscribed to by the Customer. For services utilizing switched access, mileage measurements for rate schedules are based on the distance in airline miles between rate centers associated with the originating and terminating stations. For services utilizing dedicated access, mileage measurements for rate schedules are based on the distance in airline miles between the Company's network access point associated with the station utilizing Dedicated Access Origination/Termination and the rate center associated with the called/calling station.

The distance between the originating and terminating points is calculated by using the "V" and "H" coordinates of the serving wire centers as defined by BellCore (Bell Communications Research), in the following manner:

- Step 1: Obtain the "V" and "H" coordinates for the serving wire center of the Customer's switch and the destination point.
- Step 2: Obtain the difference between the "V" coordinates of each of the Rate Centers. Obtain the Difference between the "H" coordinates.
- Step 3: Square the differences obtained in Step 2.
- Step 4: Add the squares of the "V" difference and "H" difference obtained in Step 3.
- Step 5: Divide the sum of the square obtained in Step 4 by ten (10). Round to the next higher whole number if any fraction results from the division.
- Step 6: Obtain the square root of the whole number obtained in Step 5. Round to the next higher whole number if any fraction is obtained. This is the distance between the originating and terminating serving wire centers of the call.

Formula:

$$\sqrt{\frac{(V_1 V_2)^2 + (H_1 H_2)^2}{10}}$$

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