IRU NETWORKS, LLC                                                          Section: 4
P.S.C. No. 1 - Telephone                                                      Leaf: 3
Initial Effective Date: June 25, 2016                                     Revision: 0
                                                                 Superseding Revision: 0
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### SECTION 4 - REGIONAL TOLL USAGE AND MILEAGE CHARGES (cont'd)

**4.3     TIME PERIODS DEFINED**

Unless otherwise indicated in this Tariff, the following time periods apply.

4.3.1     Peak:   8:00 a.m. to, but not including, 7:00 p.m. - Monday through Friday

4.3.2     Off-Peak:   7:00 p.m. to, but not including, 8:00 a.m. - Sunday through Friday
                  All day Saturday and Sunday
                  All Holidays

4.3.3     Holidays include Christmas, New Year's Day, Thanksgiving, Independence Day, and Labor Day.

4.3.4     All times refer to local time.

**4.4     REGULATIONS AND COMPUTATION OF MILEAGE**

Unless otherwise indicated in this Tariff, calls for which rates are mileage sensitive are rated on the airline distance between the originating rate center and the terminating rate center.

4.4.1     Originating Rate Center

A customer's primary local exchange number includes an NXX code that is associated with a specific rate center.  The originating point of all calls charged to that customer's account shall be the location of the customer's rate center.

4.4.2     Terminating Rate Center

The terminating point for all calls shall be the location of the local rate center associated with the called number.

4.4.3     Calculation of Mileage

Usage charges for all mileage sensitive products are based on the airline distance between serving wire centers associated with the originating and terminating points of the call.  The serving wire centers of a call are determined by the area codes and exchanges of the origination and destination points.

Airline mileage, where mileage is the basis for rating calls, is obtained by using the "V" and "H" coordinates assigned to each rate center and contained in <u>NECA FCC Tariff No. 4</u> or successor tariffs.  To determine the airline distance between any two locations, proceed as follows:

a.     Obtain the "V" and "H" coordinates for each location.  The "V" coordinate is the first four digits in the "VH" column.  The "H" coordinate is the next four digits.
b.     Obtain the difference between the "V" coordinates of each of the locations.  Obtain the difference between the "H" coordinates.
c.     Square each difference obtained in step b., above.
d.     Add the square of the "V" difference and the "H" difference obtained in step c., above.
e.     Divide the sum of the square by 10.  Round to the next higher whole number if any fraction is obtained.
f.     Obtain the square root of the whole number result obtained above.  Round to the next higher whole number if any fraction is obtained.  This is the airline mileage.

Formula:   $\sqrt{\dfrac{(V_1 V_2)^2 + (H_1 H_2)^2}{10}}$

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