

PSC NO. 5 TELEPHONE  
Broadwing Communications LLC  
Initial Effective Date: March 11, 2021

Section 3 Leaf 1  
Revision 1  
Superseding Revision: 0

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**SECTION 3 – APPLICATIONS OF RATES**

3.1 Introduction

The regulations set forth in this section govern the application of rates for services contained in other sections of this tariff.

3.2 Reserved For Future Use

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Issued by: Chantel Bosworth, Director – Government Operations, Monroe, Louisiana 71203

PSC NO 5 TELEPHONE  
Broadwing Communications LLC  
Initial Effective Date: June 17, 2006

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Revision 0  
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### SECTION 3: APPLICATIONS OF RATES

#### 3.3 Rates Based Upon Distance

Where charges for a service are specified based upon distance, the following rules apply:

- A) Distance between two points is measured as airline distance between the rate centers of the originating and terminating telephone lines. The rate center is a set of geographic coordinates, as referenced in the Local Exchange Routing Guide issued by Bellcore, associated with each NPA-NXX combination (where NPA is the area code and NXX is the first three digits of a seven-digit telephone number). Where there is no telephone number associated with an access line on the Company's network (such as a dedicated Toll Free Service or WATS access line), the Company will apply the rate center of the Customer's main billing telephone number.
- B) The airline distance between any two rate centers is determined as follows:
  - 1) Obtain the "V" (vertical) and "H" (horizontal) coordinates for each rate center from the above-referenced Bellcore document.
  - 2) Compute the difference between the "V" coordinates of the two rate centers; and the difference between the two "H" coordinates.
  - 3) Square each difference obtained in step (2) above.
  - 4) Add the square of the "V" difference and the square of the "H" difference obtained in step (3) above.
  - 5) Divide the sum of the squares by 10. Round to the next higher whole number if any fraction is obtained.
  - 6) 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.

$$7) \quad \text{FORMULA} = \sqrt{\frac{(V1 - V2)^2 + (H1 - H2)^2}{10}}$$