MARKET AREAS AND MILEAGE CALCULATION METHODOLOGY

15.1 General

A Market Area is a geographical area in which FIA are provided.

15.2 Market Area Configurations

Market Areas and the Central Offices contained therein are listed in the National Exchange Carrier Association's Tariff FCC No. 2.

15.3 Mileage Calculation Methodology

15.3.1 Mileage is calculated as follows:

(A) Using the area code (NPA) and the first three digits of the local telephone number (NXX) of each serving wire center, look up the V & H coordinates of the associated serving wire center. These are referenced in 15.2 preceding.

(B) Obtain the difference between the V coordinates. Then obtain the difference between the H coordinates. (The difference is always obtained by subtracting the smaller from the larger.)

(C) Square the differences.

(D) Add the squares of the two differences.

(E) Divide the sum of the squares by 10.

(F) Take the square root of the result obtained in (E). The result is the airline miles.

MARKET AREAS AND MILEAGE CALCULATION METHODOLOGY

15.3 Mileage Calculation Methodology (Cont'd)

15.3.2 Example

The mileage between an IC's serving wire center at office X and an end user serving wire center at office Y is determined as follows:

(A) Serving Wire Center Location

(1) Office X (Area code - 305, NXX-242)
Office X - V-7958 H-868

(2) Office Y (Area code - 305, NXX-365)
Office Y - V-7926 H-1020

(B) Differences

(1) V-7958 minus V-7926 = 32

(2) H-1020 minus H-868 = 152

(C) Differences Squares

(1) $32^2 = 1,024$

(2) $152^2 = 23,104$

(D) Total of Differences

1,024 + 23,104 = 24,128

(E) Total of Differences Divided by 10

24,128 divided by 10 = 2,412.8

(F) Square Root of 2,412.8 = 49.12

Rounded = 50

The airline distance between office X and office Y equals 49.12 miles. The monthly rate for either Switched Transport, Special Transport, or Limited Access Line Extension in this example would thus be based on the rate for 50 miles.

Issued: September 24, 1985

Effective: August 9, 1985

MARKET AREAS AND MILEAGE CALCULATION METHODOLOGY

15.3 Mileage Calculation Methodology (Cont'd)

15.3.3 Mileage Calculation Involving Jointly Owned Facilities

When two serving wire centers owned by two different companies are involved in the provision of FIA over jointly owned Switched Transport, or Special Transport or Limited Access Line Extension the mileage for each is calculated as follows:

(A) Determine the airline miles to the facility meet point from each of the two serving wire centers.

(B) Determine the percent of total applicable to each.

(C) Determine the airline mileage as in 15.3.1 preceding.

(D) Apply the appropriate percent to the airline mileage to determine the number of rate miles applicable by each telephone company.

15.3.4 Example

If office X and office Y in 15.3.2 preceding were owned by two different telephone companies and jointly owned facilities between them were used for the provision of FIA, rate mileage is developed as follows:

(A) Airline miles of Telephone Company A (office X) to the facility meet point = 24 miles

(B) Airline miles of Telephone Company B (office Y) to the facility meet point = 36 miles

= 60 total airline miles measured via the facility meet point

(C) Percent-Telephone Company A = 24/60 = 40%

(D) Percent-Telephone Company B = 36/60 = 60%

(E) Rate Mileage for Company A = 40% of 50 airline miles = 20

(F) Rate Mileage for Company B = 60% of 50 airline miles = 30

15.4 Serving Wire Centers Within Telephone Company Operating Areas

Serving wire centers, common language location codes, wire center V&H coordinates, company codes, office type, NPA and NXX codes contained therein are listed in the National Exchange Carrier Association's Tariff FCC No. 2.