A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

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Note 1: This section was removed from the General Subscriber Service Tariff effective December 1, 2005 and reinstated to the General Exchange Guidebook with the effective date of this page. (N)

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.1 Directory Assistance Service

A18.1.1 General

The Company furnishes directory assistance service for the purpose of aiding subscribers in obtaining telephone numbers.

A18.1.2 Rates and Charges

A. A charge is applicable for each inquiry for directory assistance except as noted below; each number requested constitutes an inquiry except that the first two numbers requested on any one call constitutes only one inquiry.

Directory Assistance Service - request of a telephone number - (maximum of three requested telephone numbers per call)

	Rate	USOC	
1. Outside the Company's local or expanded local calling area but within the Company's HNPA serving area for the originating line.			
(a) Per Call	$2.49	NA	(I)
2. Outside the Company's local or expanded local calling and HNPA serving areas for the originating line[1].			
(a) Per Call	2.49	NA	(I)

B. Charges for directory assistance may be billed to the originating number.

C. No operator assisted surcharge will apply in addition to the applicable directory assistance charges.

D. Local Directory Assistance (DA) may be provided at no charge to persons who are unable to use a telephone directory due to a disability which can be confirmed by a physician or certifying agent. Directory Assistance calls will not be charged to the approved telephone number. The DA exemption applies to local listings only. The exemption does not apply to other types of directory service requests, such as requests for numbers outside of the Company's local calling and LATA/NPA serving areas for the approved telephone number. To obtain an exemption, the customer must complete the appropriate form and have it certified by a registered physician or certifying agent. Local Directory Assistance exemption is valid for a two-year period and must be renewed. Failure to provide the required documentation may result in loss of the exemption. Directory Assistance usage will be monitored by the Company and is subject to review and investigation. Misuse of the exemption by a customer could result in its removal. Directory Assistance exemption is a voluntary program of the Company that may be terminated at any time.

E. Exchanges where charges for inquiries to directory assistance temporarily are not applicable to any subscribers due to lack of facilities are specified following:

Liberty (Cherokee County)

Waterville

A18.2 Reserved for Future Use

A18.3 Reserved for Future Use

A18.4 Reserved for Future Use

Note 1: No allowances, exemptions, or exceptions apply. This service is available where technically feasible.

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.5 Airline Mileage Between Rate Centers [1] (T)

A18.5.1 General

A. For the purpose of determining airline mileages vertical and horizontal grid lines have been established across the State of North Carolina. The spacing between adjacent vertical grid lines and between horizontal grid lines represents a distance of one coordinate unit. The unit is the square root of 0.1., expressed in airline miles. A vertical (V) and a horizontal (H) coordinate is computed for each rate center from its latitude and longitude location by use of appropriate map-projection equations. These rate centers and their V and H coordinates are shown in A18.5.3. following. A pair of V-H coordinates locates a rate center, for determining airline mileages, at a particular intersection of an established vertical grid line with an established horizontal grid line. The distance between any two rate centers is the airline mileage computed as explained in A18.5.2. following.

B. For long distance message telecommunications service the rate center for a point not listed in this section is the rate center the central office to which the point is assigned for long distance telecommunications rate purposes; where the point is not assigned to a central office, the rate center is the location of the point.

A18.5.2 Determination of Airline Mileages

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

1. Obtain the "V" and "H" coordinates for each rate center.
2. Obtain the difference between the "V" coordinates of the two rate centers. Obtain the difference between the "H" coordinates [2].
3. Divide each of the differences obtained in 2. by three, rounding each quotient to the nearer integer.
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.
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 the value of "N" corresponding.

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

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.

a. EXAMPLE:

The message rate distance is required between Mount Olive, North Carolina and Raleigh, North Carolina.

		V	H
(1)	Mount Olive	6393	1279
	Raleigh	6344	1436
(2)	Difference	49	157
(3)	Dividing each difference by three and rounding to nearer integer = 16 and 52.		
(4)	Squaring integers and adding,	16 x 16 = 256	
		52 x 52 = 2704	
	Sum of squared integers	2960	
(5)	Sum of integers is greater than 1777 so divide integers in (3) by three and repeat (4).		
(6)	Dividing integers in (3) by three and rounding = 5 and 17.		
(7)	Squaring integers and adding,	5 x 5 = 25	
		17 x 17 = 289	
	Sum of squared integers	314	

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Note 2: The difference is always obtained by substracting the smaller coordinate from the larger coordinate. (T)

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A18.5 Airline Mileage Between Rate Centers (Cont'd) [1] (T)

A18.5.2 Determination of Airline Mileages (Cont'd)

A. To determine the rate distance between any two rate centers proceed as follows: (Cont'd)

6. (Cont'd)

a. EXAMPLE: (Cont'd)

(8) The sum of the squared integers is less than 1778 and was obtained after two successive divisions by three; therefore "N" = 2.

(9) Multiply final sum of squared integers by factor of 8.1 (corresponding to "N" = 2).

314
x8.1
2543.4

(10) Square root of 2543 = 50 and a fraction, which is rounded to 51 miles (fractional miles being considered full miles). The 51 miles is larger than the minimum of 41 rate miles applicable when "N" = 2 so the message rate mileage is 51 miles.

A18.5.3 List of Rate Centers

Rate Center	LATA	V	H
Abbottsburg	Fayetteville	6584	1297
Aberdeen	Fayetteville	6539	1474
Acme	Wilmington	6567	1195
Advance	Greensboro	6484	1716
Ahoskie	Rocky Mount	6087	1253
Albemarle	Charlotte	6573	1616
Altan	Charlotte	6689	1609
Anderson	Greensboro	6322	1594
Andrews	Asheville	6936	2151
Angier	Raleigh	6404	1418
Ansonville	Charlotte	6612	1574
Apex	Raleigh	6374	1458
Arden	Asheville	6766	1983
Asheboro	Greensboro	6471	1600
Asheville	Asheville	6749	2001
Atkinson	Wilmington	6527	1214
Atlantic	Rocky Mount	6276	0984
Aulander	Rocky Mount	6113	1264
Aurora	Rocky Mount	6247	1102
Ayden	Rocky Mount	6280	1215
Badin	Charlotte	6555	1610
Badin Lake	Greensboro	6535	1620

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A18.5 Airline Mileage Between Rate Centers (Cont'd) [1] (T)

A18.5.3 List of Rate Centers (Cont'd)

Rate Center	LATA	V	H
Bailey	Rocky Mount	6292	1357
Bakersville	Asheville	6634	1989
Baldwin	Greensboro	6517	1930
Banner Elk	Charlotte	6579	1962
Barnardsville	Asheville	6705	2006
Bath	Rocky Mount	6217	1127
Bayboro	Rocky Mount	6274	1080
Beaufort	Rocky Mount	6337	1011
Beech Mountain	Charlotte	6574	1965
Belhaven	Rocky Mount	6186	1107
Belmont	Charlotte	6673	1731
Bennett	Fayetteville	6480	1540
Benson	Fayetteville	6408	1373
Bessemer City	Charlotte	6688	1772
Bethel	Rocky Mount	6214	1251
Bethlehem	Charlotte	6590	1838
Beulah	Greensboro	6422	1832
Beulaville	Fayetteville	6416	1202
Biscoe	Greensboro	6534	1553
Black Mountain	Asheville	6722	1967
Bladenboro	Fayetteville	6585	1309
Blowing Rock	Charlotte	6568	1929

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A18.5 Airline Mileage Between Rate Centers (Cont'd) [1] (T)

A18.5.3 List of Rate Centers (Cont'd)

Rate Center	LATA	V	H
Boiling Spring Lakes	Wilmington	6606	1139
Bolivia	Wilmington	6608	1156
Bonlee	Fayetteville	6443	1534
Boomer	Greensboro	6539	1856
Boone	Charlotte	6552	1938
Boonville	Greensboro	6458	1794
Brevard	Asheville	6832	1988
Broadway	Raleigh	6444	1458
Brooks	Greensboro	6485	1790
Bryson City	Asheville	6858	2118
Burgaw	Wilmington	6498	1180
Burlington	Greensboro	6364	1588
Burnsville	Asheville	6664	1996
Buxton	Rocky Mount	6127	0915
Candor	Greensboro	6540	1540
Canton	Asheville	6785	2036
Caroleen	Charlotte	6739	1847
Carolina Beach	Wilmington	6589	1114
Carthage	Fayetteville	6500	1497
Cary	Raleigh	6357	1455
Cary – BST Research Triangle Park	Raleigh	6357	1455
Castle Hayne	Wilmington	6531	1153

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A18.5 Airline Mileage Between Rate Centers (Cont'd) [1] (T)

A18.5.3 List of Rate Centers (Cont'd)

Rate Center	LATA	V	H
Catawba	Charlotte	6590	1789
Chadbourn	Fayetteville	6628	1288
Champion	Greensboro	6529	1873
Chapel Hill	Raleigh	6361	1511
Charlotte	Charlotte	6657	1698
Cherokee	Asheville	6838	2105
Cherryville	Charlotte	6678	1797
China Grove-Landis	Charlotte	6569	1697
Churchland	Greensboro	6513	1700
Claremont	Charlotte	6595	1801
Clarkton	Fayetteville	6581	1283
Clayton	Raleigh	6350	1391
Cleveland	Charlotte	6549	1733
Clingman	Greensboro	6497	1825
Clinton	Fayetteville	6455	1294
Clyde	Asheville	6792	2048
Coharie	Fayetteville	6449	1350
Coinjock	Rocky Mount	5973	1111
Colerain	Rocky Mount	6082	1210
Coleridge	Fayetteville	6464	1563
Columbia	Rocky Mount	6081	1100
Columbus	Greenville, South Carolina	6777	1907

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