

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF CINCINNATI BELL )  
TELEPHONE COMPANY FOR AUTHORITY TO )  
INCREASE AND ADJUST ITS RATES AND ) CASE NO. 94-355  
CHARGES AND TO CHANGE REGULATIONS )  
AND PRACTICES AFFECTING THE SAME )

O R D E R

PROCEDURAL BACKGROUND

On October 24, 1994, Cincinnati Bell Telephone Company ("Cincinnati Bell") applied to the Commission for authority to adjust its rates. The proposed rates were suspended for the statutory period on November 18, 1994. The Attorney General, by and through his Public Service Litigation Branch ("Attorney General"), AT&T Communications of the South Central States, Inc. ("AT&T"), TKR Cable of Northern Kentucky ("TKR"), John G. Wright, Clifford H. Lahner, William F. Threlkeld, and Bell Communications Research, Inc. intervened in this proceeding. Cincinnati Bell prefiled testimony with its original application. After a round of data requests, Intervenor prefiled testimony on March 8, 1995. Cincinnati Bell supplemented its prefiled testimony shortly before the public hearing which was held March 22, 1995. The supplemental testimony contained proposals for rates which were lower than those in the initial application. During the hearing, all agreed to extend the suspension period for the proposed rates to May 23, 1995.

## RATE UNIFORMITY/REVENUE SPLIT

Cincinnati Bell serves customers in Ohio, Indiana, and Kentucky. Typically, it seeks rate relief from the Ohio Commission and then files with the Kentucky Commission. Cincinnati Bell proposes identical rate groupings and rates for local subscribers in the Cincinnati Metropolitan Area and the three Northern Kentucky counties of Boone, Kenton, and Campbell ("Northern Counties") to achieve rate uniformity. However, rate uniformity extends only to those revenues classified as "basic local service revenue." It does not necessarily extend to toll, access, or miscellaneous revenue, and it does not extend to Rate Group 5B which applies to Gallatin, Grant, and Pendleton counties ("Southern Counties")<sup>1</sup> in Kentucky.

Uniform local service rates for Metropolitan Cincinnati and Kentucky's Northern Counties have allowed Cincinnati Bell to make jurisdictional allocations of common investment, taxes, and expenses associated with providing local service on both sides of the river. This allocation is based upon the relative percentage of Kentucky and Ohio local service revenues to total company local service revenues, a methodology referred to as the "revenue split methodology." All other investment, taxes, and expenses are allocated to jurisdictions using separations procedures mandated by the Federal Communications Commission ("FCC").

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<sup>1</sup> Within these counties are the exchanges of Butler, Falmouth, Glencoe, Warsaw, and Williamstown.

If the revenue split methodology is not used, Cincinnati Bell could make jurisdictional allocations based upon relative minutes of use, or "usage." However, the usage method historically results in a higher revenue requirement for Kentucky. In past cases, the Commission has ultimately sustained the revenue split methodology and rate uniformity, citing the benefit to the Kentucky ratepayer of using it instead of the usage method.

Rate uniformity, and hence the revenue split methodology, can be maintained as long as rate groups and miscellaneous local rates in Metropolitan Cincinnati and the Northern Counties remain the same. The local service rates for rate group 5B in the Southern Counties can be adjusted without "violating" the concept. Changes can also be made to other revenues such as nontraffic sensitive access revenues paid by interexchange carriers. Therefore, rate changes can be made for rates other than local rates in the Northern Counties without disturbing rate uniformity and the use of the revenue split methodology.

#### TEST PERIOD

Cincinnati Bell proposed and the Commission accepted the 12-month period ended July 31, 1994 as the test period.

#### NET INVESTMENT RATE BASE

In its initial application, Cincinnati Bell proposed an intrastate net investment rate base of \$111,837,000. The Attorney General proposed various reductions. The Commission's findings related to rate base issues follow:

### Telephone Plant Under Construction

Cincinnati Bell included Telephone Plant Under Construction ("TPUC") of \$4,455,000. The Attorney General recommended removing TPUC from rate base because it was not used and useful in providing service during the test year. He also argued its inclusion would fail to match revenues because those created once the plant was completed would not be reflected in the test period. In the alternative, the Attorney General suggests that if TPUC is included in rate base, Allowance for Funds Used During Construction ("AFUDC") on long-term plant should be accrued and recognized above-the-line to increase net operating income.<sup>2</sup> Consistent with its prior policy, the Commission will allow TPUC to remain in the rate base and will recognize AFUDC above the line.

### Cash Working Capital

Cincinnati Bell included a \$5,934,000 cash working capital requirement in rate base. The Attorney General's witness performed a "Lead-Lag" analysis and determined that Cincinnati Bell had negative cash working capital requirements. The Commission has previously refused to include a cash working capital requirement in the rate base of telephone companies because they bill for local service in advance.<sup>3</sup> As Cincinnati Bell provided no evidence to support a change in this policy, the proposed cash working capital requirement should be denied.

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<sup>2</sup> DeWard Direct Testimony, page 22, lines 10-13.

<sup>3</sup> See Case No. 10117, Adjustment of Rates of GTE South Incorporated, page 7.

### Prepaid Expenses

Cincinnati Bell's proposed rate base includes Prepaid Expenses of \$859,000. The Attorney General proposed a reduction of \$215,000, the balance in Prepaid Directory Expense, arguing that the account is a clearing account which contains normal monthly directory expenses, not amounts prepaid to vendors. Because all prepaid accounts can be considered clearing accounts which include expenses to be recognized over the period to which the prepayments relate, the Commission accepts the "Prepaid Directory" amount in the rate base as proposed.

### Deferred Federal Income Taxes

Cincinnati Bell deducted \$20,752,000 in deferred taxes in calculating its rate base. The Attorney General seeks to remove an additional \$148,684 reflecting the jurisdictional effects of a deferred negative income tax charge of \$3,779,099 resulting from an FCC complaint case. Cincinnati Bell claimed that \$3,656,451 in deferred taxes applicable to the interstate matter were removed prior to making the Kentucky allocation. Although Cincinnati Bell does not explain why the amount removed prior to allocation does not match the amount accrued, the Commission will accept its position and make no adjustment for this item. There is no evidence of an intrastate accrual of this charge because Cincinnati Bell had removed nearly all of it prior to allocating expenses to Kentucky.

## Attrition

Cincinnati Bell proposed an attrition allowance of \$3,616,000. Attrition refers to the erosion of earnings caused when new plant or replacement costs exceed the costs associated with existing telephone plant. The more costly additions cause rate base investment and related expenses, such as depreciation and property taxes, to grow more quickly than revenues. A steady decline in the rate of return can result. Without an attrition allowance, Cincinnati Bell opines that its earnings would fall below those allowed by the Commission using historical plant costs. The Attorney General computed his own attrition allowance.

It is our judgment that no attrition allowance be accepted. The Commission has historically disallowed attrition allowances because the proper amounts are not known and measurable and can be offset by increased productivity.<sup>4</sup> Here, Cincinnati Bell has recently announced plans to reduce its workforce by 800 employees. Changes of this magnitude will assuredly have a positive impact on Cincinnati Bell's future costs and should relieve any downward pressure on the rate of return allowed in this proceeding.

The telecommunications industry has also experienced declining costs related to technological improvements such as fiber optics and remote switching which further lessen any downward pressure upon the earned rate of return.

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<sup>4</sup> Case No. 8861, Notice Of Continental Telephone Company of Kentucky Of An Adjustment In Its Rate, pages 8-9.

### Customer Deposits

The Attorney General proposed to reduce Cincinnati Bell's rate base by \$2,490,000 in customer deposits, arguing that customer deposits are supplied by ratepayers and should not be allowed in rate base. Cincinnati Bell argues that they are a current liability and should be a part of its working capital. It also states that these funds do not support long-term investment in plant.

The Commission has traditionally declined to reduce rate base for customer deposits. Customer deposits do not represent a cost-free source of funds, but rather bear interest as required by Commission regulations.<sup>5</sup> Hence, no deduction for customer deposits has been made.

The Commission finds the appropriate Kentucky jurisdictional net investment rate base for Cincinnati Bell to be:

Telephone Plant In Service	\$191,610,000
Telephone Plant Under Construction	<u>4,455,000</u>
Subtotal	\$196,065,000
Plus:	
Material and Supplies	1,098,000
Prepays	859,000
Current Deferred Income Taxes	260,000
Less:	
Depreciation Reserve	75,240,000
Deferred Federal Income Taxes	20,752,000
Unamortized Investment Tax Credit	<u>3,000</u>
Total Net Investment Rate Base	<u>\$102,287,000</u>

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<sup>5</sup> Case No. 93-133, Adjustment of Rate of the Lewisport Telephone Company.

## CAPITAL

Cincinnati Bell proposed using its end of test period capital structure consisting of 40.5 percent long-term debt and 59.5 percent equity. The Attorney General proposed a hypothetical capital structure consisting of 45 percent long-term debt and 55 percent equity. Cincinnati Bell proposed to use its actual cost of long-term debt on July 31, 1994 of 8.06 percent. The Attorney General assigned a cost of 7.60 percent to long-term debt derived by reducing the rate on capital leases. The Commission finds that Cincinnati Bell's capital structure is appropriate and its cost of debt is reasonable.

## REVENUES AND EXPENSES

Cincinnati Bell reported Kentucky intrastate net operating income of \$7,776,000. Its amended application increased this amount to \$8,725,000. The increase is the result of:

1) A \$4,596,000 increase in local service revenues to be realized by maintaining rate uniformity and increases in rate group 5B as a result of voluntary EAS implementation in the Southern Counties.

2) A \$564,000 decrease in access revenues to mirror interstate switched and special access rates.

3) A \$2,413,000 decrease to reflect toll revenues lost when subscribers choose EAS.

4) A \$138,000 decrease in miscellaneous revenues to mirror contract rates provided to customers in the interstate jurisdiction for billing and collection services.



5) A \$2,000 increase in uncollectible revenues reflecting the overall increase in revenues.

Cincinnati Bell's proposed revenues and expenses are acceptable for rate-making purposes with the following modifications:

Directory Revenue

Cincinnati Bell Directories ("CBD") supplies telephone directories for its sister company Cincinnati Bell. The Attorney General proposed to impute additional revenues to Cincinnati Bell, arguing that CBD is earning excessive returns on its investment at the expense of the regulated entity and its ratepayers. The Attorney General calculated excessive earnings of \$2,639,126.<sup>7</sup> He also submitted a Cincinnati Bell memorandum which indicated that it intended to keep CBD profits low for a time after the directory operation was spun off from the telephone company, especially while rate cases were pending.<sup>8</sup>

Cincinnati Bell argued that no revenue imputation for excessive earnings should be made. It asserted that no evidence had been offered substantiating the charge of excessive earnings or that a 15 percent pre-tax return is unreasonable for CBD. Cincinnati Bell further stated that a pre-tax return of 15 percent fails to produce the 10.02 percent overall return on capital recommended by the Attorney General. It also stated that the proposed adjustment would increase the subsidy from CBD to

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<sup>7</sup> DeWard Direct Testimony, Schedule 7.

<sup>8</sup> IBID, Schedule 7-A.

Cincinnati Bell from \$1.73 per line per month to \$4.20 per line per month or \$50.40 per line per year, far exceeding the average industry subsidy which in 1990 was \$35.28 per line per year. However, Cincinnati Bell provided no information regarding the subsidy during the test period.

This Commission has historically imputed additional revenues where a company contracts for directories from an affiliated company. In South Central Bell's Case No. 90-256,<sup>9</sup> the affiliated directory company's profits were limited to the mid-range of the overall return on capital allowed in that case. The Attorney General's current adjustment and the resulting per line subsidy of \$50.40 is not significantly different than the average industry subsidy during the test year. Certainly basing this decision on Cincinnati Bell's 1990 data is unreasonable.

Consistent with recent decisions, directory company profits should be limited to a pre-tax return of 15.33 percent<sup>10</sup> which equates to an after-tax return on capital of 11.00 percent, the overall return found appropriate in this case. As a result, revenues of \$2,635,199 have been imputed.

#### Concession Service

In accordance with numerous prior rate decisions, it is appropriate to adjust Cincinnati Bell's revenues to recognize

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<sup>9</sup> Case No. 90-256, A Review of the Rates and Charges and Incentive Regulation Plan of South Central Bell Telephone Company.

<sup>10</sup> Weighted Cost of Debt (.0326) Plus [The Weighted Cost of Equity (.0774) Times the Revenue Multiplier (1.56)].

additional revenues it would have received had it not offered discounts to current and former employees.

Although it opines that these discounts help attract and maintain employees of high quality and competence, Cincinnati Bell has provided no evidence to support a change in Commission policy requiring shareholders to bear the cost of concession service.<sup>11</sup> When concession service billed to Cincinnati Bell by its parent, Cincinnati Bell Incorporated ("CBI"), is included, revenues should be increased by \$217,000.

#### Revenue Normalization

Cincinnati Bell made adjustments including estimated costs for bargaining unit wage and benefit increases, management wage and benefit increases effective April 1, 1994, and the anticipated costs of providing mandatory EAS to the Southern Counties.

The Attorney General proposed an adjustment of \$1,323,612 to annualize three revenue categories properly to match revenues with year-end rate base. He annualized only local service revenues which consistently increased throughout the year, excluding other revenue streams which tended to fluctuate. Cincinnati Bell suggested that these adjustments were arbitrary and selected to maximize the Attorney General's adjustments,<sup>12</sup> but it offered no evidence for this characterization.

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<sup>11</sup> Case No. 9160, Petition Of South Central Bell Telephone Company To Change And Increase Certain Rates Charges For Intrastate Telephone Service, page 15.

<sup>12</sup> Rebuttal Testimony of Robert C. Coogan, page 11.

The Commission historically normalizes revenues to reflect conditions at the end of the test period where proforma adjustments are made to expenses or rate base. Omission of such adjustments leaves revenues and expenses unmatched, generally to the detriment of the ratepayer. Because Cincinnati Bell made several pro forma expense adjustments having a major impact on its future operations, its revenues must be adjusted in the same manner properly to match revenues, expenses, and investment at the end of the test period. This adjustment increases revenues by \$1,323,612.

#### AFUDC

As noted in the discussion regarding the Attorney General's adjustment for TPUC, the Commission has historically allowed TPUC in the rate base and recognized AFUDC above the line. In keeping with past policy, AFUDC in the amount of \$216,753 will be recognized as additional revenue.

#### Expenses

The Attorney General recommended numerous adjustments to test period expenses, to some of which Cincinnati Bell subsequently agreed. These include amortization of deferred compensated absences of \$453,350, equal access amortization of \$40,443, amortization of termination benefits of \$17,531, a company error in calculating pro forma wage increases of \$245,233, and Institutional Advertising of \$6,005.

#### Interstate Directory

The Attorney General also recommended that \$202,085 be imputed to the interstate jurisdiction for the production and distribution

of the White Pages, arguing that this cost was allocated to the interstate jurisdiction prior to the formation of CBD. Cincinnati Bell argued that the costs at issue are a part of the cost structure of CBD and are not included in test period expenses. It further pointed out that imputation under these circumstances would be proper only if all expenses associated with the publication of the White Pages were imputed to Cincinnati Bell.

We agree. The costs to publish and distribute the White Pages directories are recorded on CBD's books and should not be imputed to Cincinnati Bell simply because these expenses were allocated when they were on Cincinnati Bell's books.

#### Property Expense

The Attorney General proposed to reduce expenses by \$557,457 because Cincinnati Bell recorded income from affiliates occupying space in its facilities in unregulated accounts, while it recorded the expenses associated with the same property in regulated accounts. However, there was no evidence to substantiate this claim. Cincinnati Bell argued the adjustment was necessary because the expenses in question were removed from total expenses before jurisdictional allocations were made. Without any evidence to support the Attorney General's claim, the proposed adjustment should be denied.

#### Incentive Compensation

The Attorney General adjusted test period expenses by \$820,198 to remove incentive and bonus plans cost, which included amounts allocated from CBI. He asserts that Cincinnati Bell granted base

salary increases throughout the period the incentive program has been in effect, that the bonuses were awarded during a period of poor financial performance, and that the additional costs for incentive compensation exceed normal pay levels.

Cincinnati Bell asserts that the incentive program for non-management employees is a part of the collective bargaining agreement with the Communications Workers of America, and this portion of the awards is therefore a part of the "normal" pay level of bargaining unit employees. Regarding the management incentive plan, Cincinnati Bell claimed that when the incentive plans were instituted, normal salary adjustments were curtailed, and the percentage of fixed base salary decreased while the percentage of incentive pay increased. It further emphasized that the awards are "at risk" and that some employees do not receive or receive only a portion of the award each year.<sup>14</sup>

Incentive plans vary and in some cases may not be appropriately included in the cost of service. That is not the case in this instance. The non-management plan clearly constitutes a part of the bargaining unit's "normal" pay. The curtailment of base salary increases at the outset of the management plan also supports this position. This, and the fact that some compensation associated with the plan is at risk, supports including the incentive payments in Cincinnati Bell's expenses.

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<sup>14</sup> Rebuttal Testimony of Barbara J. Stonebraker, page 12.

## Post Retirement Benefits/Pensions

Cincinnati Bell's test period expenses included \$1,952,948<sup>15</sup> in postretirement benefits other than pensions computed in accordance with Statement of Financial Accounting Standards No. 106 ("SFAS 106"), Employers' Accounting for Postretirement Benefits Other Than Pensions. A discount rate of 7.25 percent was used to calculate the 1994 expense. The Attorney General recommended that postretirement benefits be reduced by \$190,825<sup>16</sup> and that pension plan income be increased by \$291,680<sup>17</sup> because Cincinnati Bell plans to use a discount rate of 8.25 percent to project the 1995 expense.

The recommended adjustment must be rejected. The SFAS 106 accrual expense is an accounting estimate computed using the best information available at the time of measurement. Discount rates should be based on the available rates of return of high-quality fixed-income investments with cash flows similar to the expected benefit payments. Therefore, the rates can be expected to fluctuate depending on current market conditions. As the discount rate changes frequently, there is no justification for using a discount rate different from that determined to be appropriate at the measurement dates of the test period.

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<sup>15</sup> Response to Commission's December 16, 1994 Order, Item 51(e).

<sup>16</sup> Testimony of Thomas C. DeWard, page 53.

<sup>17</sup> Testimony of Thomas C. DeWard, page 55.

### Supplemental Executive Retirement Program

The Attorney General proposed two adjustments related to the Supplemental Executive Retirement Plan ("SERP") which Cincinnati Bell offers to employees at the Vice President level and above. The first adjustment would reduce expenses by \$99,678 for estimated SERP costs billed to Cincinnati Bell by CBI. Cincinnati Bell's witness testified that SERP costs are not allocated from CBI to Cincinnati Bell, and as the Attorney General offered no evidence to the contrary, this adjustment is not accepted.

The Attorney General's second adjustment would reduce expenses by \$41,789 for SERP costs directly incurred by Cincinnati Bell because the Commission has previously removed from cost of service the cost of plans when benefits for highly compensated employees exceed the pension plan for all employees.<sup>18</sup> Not surprisingly, we find the adjustment should be accepted.

### Employee Benefits

The Attorney General proposed various adjustments to employee benefit expenses totalling \$21,950. Except \$4,461 related to personal use of company vehicles, which Cincinnati Bell argues is advantageous when responding to emergencies, these adjustments are accepted.

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<sup>18</sup> See, for instance Case No. 90-158, Adjustment of Rates of Louisville Gas and Electric Company.



Cincinnati Bell Information System ("CBIS")

Purchases between a telephone company and its unregulated affiliates are governed by affiliated transactions rules as set forth in FCC rule, Part 32.27. This rule states that assets purchased by or transferred to a regulated carrier shall be recorded in the utility's books at the invoice price, if that price is determined to be a prevailing price offered to the public. As approximately 85 percent of CBIS's 1994 revenues were not derived from Cincinnati Bell, there is an established market price in accordance with FCC rules. Cincinnati Bell's affiliated transactions are examined by an external auditor, the audit results are reviewed by the FCC to ensure that the ratepayer is not harmed, and it has been found to comply with FCC rules.<sup>19</sup>

The Attorney General recommends reducing test year expenses by \$1,097,103 based upon an estimate of excess cost of Cincinnati Bell's purchases from CBIS. He did not provide any evidence that the prices charged by CBIS to outside parties differ from those charged Cincinnati Bell, or that the affiliated transactions did not comply with FCC rules.

No adjustment will be made for this item as the evidence presented supports Cincinnati Bell's position that cross-subsidies are not present. However, the issues surrounding affiliated transactions and the potential cross-subsidies are of sufficient concern that Cincinnati Bell will be required to provide records of

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<sup>19</sup> Rebuttal Testimony of Robert C. Coogan, page 23.

non-regulated affiliates for Commission review in future proceedings.

Political Action Committee ("PAC") Expenses/Public Relations

Although Cincinnati Bell argues that \$1,846 of PAC expenses are not direct contributions, the Attorney General's adjustment to remove costs characterized by Cincinnati Bell as bookkeeping and administrative functions for individual company employees will be allowed. CBI is paying for these activities and billing Cincinnati Bell a management fee. These expenses should not be included in the telephone company's cost of service.

The proposal to reduce public relations expenses by \$28,934 is also accepted. Expenses associated with fundraising and community relations efforts do not directly benefit the ratepayer and should therefore be borne by the shareholder.

Statement of Financial Accounting Standards No. 112

Cincinnati Bell's test period expenses included \$866,642<sup>20</sup> for postemployment benefits recorded in accordance with Statement of Financial Accounting Standards No. 112 ("SFAS 112"), Employers' Accounting for Postemployment Benefits. Of this amount, \$440,388 represented a one-time entry required to record the change from a cash basis to an accrual basis of accounting. The remaining \$426,254 was the annual accrual amount. Cincinnati Bell justified including the one-time entry on the basis of the accounting instructions included in the FCC Responsible Accounting Officer ("RAO") Letter 22. It also contended that the expense was

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<sup>20</sup> Response to Commission's December 16, 1994 Order, Item 53.

appropriate because it related to current company employees.<sup>21</sup> Amortization of the one-time entry over a two year period was suggested as an alternative if the Commission found immediate recovery inappropriate.<sup>22</sup> Cincinnati Bell also claimed that the one-time entry should be included because the SFAS 112 accrual could increase in the future.<sup>23</sup>

The Attorney General proposed to exclude the \$440,388 as a one-time, nonrecurring item that should not be considered to determine future rates. He argued that any increase in the SFAS 112 cost would be offset by the annual SFAS 112 accrual expense Cincinnati Bell has requested.<sup>24</sup>

While the annual SFAS 112 accrual of \$426,254 should be allowed, test period expenses should be reduced by \$440,388, the amount of the one-time entry which is a nonrecurring item. The Commission is not required to follow FCC RAO Letters for rate-making purposes and the argument that the entry applies to current employees is not a sufficient basis for including a one-time accounting entry in revenue requirements. The possibility that the SFAS 112 accrual may increase is irrelevant. As with any expense, future annual accruals may vary from the test period level of expense requested.

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<sup>21</sup> Response to Commission's January 31, 1995 Order, Item 32.

<sup>22</sup> Rebuttal Testimony of Robert C. Coogan Regarding Thomas C. DeWard's Testimony and Randy M. Allen's Testimony, page 26.

<sup>23</sup> Transcript of Evidence ("T.E."), Vol. II, page 52.

<sup>24</sup> T.E., Vol. II, page 238.

### Prior Period Adjustments/Nonrecurring Expenses

The Attorney General proposed to decrease expenses by \$124,824 to recognize several prior period expense adjustments and nonrecurring expenses included in the test year and Cincinnati Bell offered no rebuttal.

Inclusion of prior period adjustments and nonrecurring expenses is inappropriate for rate-making purposes and the adjustment is accepted.

### Nonrecurring Expenses

Cincinnati Bell included in test year expenses charges from the Boston Consulting Group, an organization hired to assist it with re-engineering plans. The Attorney General proposed to amortize this cost over three years, a period when it will be offset by the re-engineering savings.

Cincinnati Bell intends to eliminate approximately 800 positions after the test year. Savings from this reduction are not included in the test year and will be realized at some future date. It is reasonable to amortize this expense over three years to match recovery to the period in which benefits are expected to occur and to recognize the fact that shareholders will receive some benefit while allowing recovery of the cost from ratepayers. Cincinnati Bell's request to include the unamortized amount in rate base is denied.

### Anixter/Phase III

The Attorney General proposed to reduce expenses by \$25,213 related to a write-down of inventory from Anixter, a former supplier of Cincinnati Bell, and \$114,603 for costs of Phase III of its re-engineering plan. As the Attorney General provided no basis for the affiliated write-off adjustment, no such adjustment is made.

Cincinnati Bell agrees that an adjustment for costs of the Phase III re-engineering plan should be made and suggests the amount of \$119,024 which the Commission accepts.

### Savings From Special Projects

Cincinnati Bell incurred significant costs during the test period for special projects to improve several work processes. The Attorney General opines that because no adjustments were made to recognize savings from these projects, some of which began shortly before the end of the test period, such savings in the amount of \$229,384 should be imputed by reducing expenses.

Cincinnati Bell argues that improvements in processes are ongoing and that the test period contained savings from projects completed prior to the test year, just as savings from projects completed during the test year will be realized in subsequent periods.

The adjustment is denied. It is reasonable to assume that projects to improve productivity and efficiency projects are continuous activities in a company facing a rapidly changing industry and the threat of competition.

### Rate Case Expense

Cincinnati Bell included as a pro forma adjustment to the test period rate case expenses of \$370,000 amortized over two years. This estimate included \$215,000 for outside legal fees. The Attorney General proposed to reduce legal fees from \$215,000 to \$75,000, but provided no evidence to support this proposal. He also proposed to amortize the expense over three years. No substantial evidence having been provided that the legal fees are unreasonable, the total estimated expense will be accepted.

A three year amortization period for rate case expense is generally appropriate. Therefore, pro forma expenses have been reduced by \$61,667.

### Excess Clearances

The Attorney General analyzed payroll clearances to ensure that employee benefits cleared and recorded as expenses during the test period were proper. The analysis revealed that on a total company basis an excess \$2,458,593 had been cleared. The Attorney General proposed no adjustment because he had recommended reducing pension expense and postretirement benefits to 1995 projected levels. However, he suggested that if these adjustments were not made, an adjustment would be needed to correct the excess clearances. While Cincinnati Bell agreed that excess clearances had been made, its analysis indicated that the proper amount was \$1,214,361.

The Commission accepts Cincinnati Bell's amount because the utility provided a more complete analysis in support of its excess

clearances than the Attorney General. The Kentucky jurisdictional allocation of this adjustment results in an expense reduction of \$123,656.<sup>25</sup>

Depreciation

The Attorney General proposed to reduce depreciation expense by \$1,811,004 for analog switching equipment which is being depreciated at a 33.50 percent rate and will be fully depreciated by December 1995. He proposed a three year amortization of the plant balance, which he maintains will establish a more appropriate level of depreciation upon which to base future subscriber rates. Cincinnati Bell noted and we agree that the 33.5 percent depreciation rate was prescribed by the Commission in Case No. 93-392 and that the three year amortization is arbitrary.

Inside Wire

The Attorney General proposed to impute net income from Cincinnati Bell's inside wire maintenance plan above the line. The adjustment would increase net operating income by \$284,618 and reduce required revenues by \$443,804.<sup>26</sup> The Attorney General maintains that inside wire maintenance plans are not subject to competition, and that the Commission should recognize their

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<sup>25</sup> \$1,214,361 x .8755 (O/M Expense Percentage) x .8527 (Part 64 Allocation Factor) x .1364 (Jurisdictional Expense Factor) = \$123,656.

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Revenues net of Expenses	440,055
State Tax @ .0121	<u>&lt;5,324&gt;</u>
	434,731
Fed. Tax @ .3453	<u>&lt;150,113&gt;</u>
NOI	284,618
Multiplier	1.5593
Revenues	<u>443,804</u>

profitability rather than raise basic telephone rates. He cites several facts which he believes result in Cincinnati Bell having substantial advantages. Its customers for this service come from its existing customer pool; the initial service request is a prime sales opportunity; subsequent customer contacts afford it additional sales opportunities; billing and advertising are accomplished through regular billing and bill inserts; and the inside wire product "piggy-backs" on every operating system of Cincinnati Bell. Finally, the Attorney General opines that the monopoly assets of Cincinnati Bell are fully utilized in a highly profitable business that operates for the sole benefit of the shareholder.

Cincinnati Bell considers its wire maintenance plan competitive. It argues that customers may perform repairs themselves, have Cincinnati Bell do them on a time and material basis, or hire a third party to do the work. Cincinnati Bell points to the Yellow Pages which show numerous ads for telephone wiring by electricians and general contractors.

In early 1986, the FCC issued an Order in Common Carrier Docket No. 79-105 (Detariffing the Installation and Maintenance of Inside Wiring) which preempted state authority and ordered detariffing effective January 1, 1987. After being reversed by the courts, the FCC, in a Third Report and Order released February 14, 1992 in the same docket, allowed states to regulate the prices, terms, and conditions under which telephone companies provide simple inside wiring services. Further, the FCC allowed states to



impute the costs and revenues from simple inside wiring services to the intrastate jurisdiction to set rates for properly tariffed, intrastate services. The order also allowed states to impute the revenues and expenses of complex wiring services for the purpose of setting intrastate rates.

Information provided by Cincinnati Bell shows that it provides inside wire services on a contract basis, a time and material basis, and through an inside wire maintenance program. Customers who agree to be covered under the program are billed monthly.

This is the first case involving a major telephone company before the Commission since the 1992 FCC order. The Commission will consider only the imputation of revenues and expenses associated with Cincinnati Bell's maintenance agreement. That inside wire installation takes place in a competitive market is evident from information supplied by Cincinnati Bell which shows losses for its contract and time and material inside wire activities. It is also evident that inside wire can be conveniently installed and repaired by subscribers or third parties.

However, with respect to inside wire maintenance plans, the Commission does not agree that this activity is subject to effective competition. Cincinnati Bell currently enjoys significant competitive advantages including customer contact, bill insert advertising, and a readily available list of potential maintenance plan subscribers. Independent service providers cannot duplicate these advantages from a practical or a financial

standpoint. The provision of inside wire maintenance plans remains a monopoly activity and the additional net revenues of \$440,055 as recommended by the Attorney General should be imputed.

#### Non-Employee Director's Wages and Fees

The Attorney General proposed to remove test period wages of the former Chief Executive Officer of CBI as well as the director's fee he was paid after he retired and became a member of its board, both of which resulted in a Kentucky jurisdictional allocation of \$30,462. He argued that test period expenses should not include the wages of an individual no longer a company employee, and that the director's fee was excessive.

Cincinnati Bell stated that the wages were properly allocated because, as CEO of CBI, the individual provided direction to all subsidiaries including Cincinnati Bell and that it is being charged its proper share of the expense to maintain CBI's board.

The Attorney General's proposed removal of the wages is a selective adjustment which does not consider other wage related effects including the wages of the individual promoted to that position. Moreover, he provided no evidence to support the contention that the director's fee was excessive. This adjustment is denied.

#### Miscellaneous Expenses

The Attorney General proposed to impute \$16,914 in savings from the new computerized directory information system which Cincinnati Bell has included in rate base and on which its shareholders will earn a return. He opined that the imputation was

necessary to match rate base with test period expenses. Cincinnati Bell responded that new technology and processes are being implemented continuously and that savings from the new system will be reflected in its next rate proceeding. The Commission considers process improvements and the resulting savings to be continuous in a company such as Cincinnati Bell. This position applies to capital improvements as well as expense savings. Therefore, the Commission will not make an adjustment for this item.

The Attorney General's proposed reduction of expenses for non-recurring items and those which the Commission has historically required stockholders to bear,<sup>27</sup> including employee gifts, outplacement services, and contributions totalling \$15,010, will be allowed.

He also seeks to reduce test year expenses by \$109,092 to reflect the removal of charitable contributions. Cincinnati Bell responded that the correct amount should be \$49,945, the jurisdictional amount reflected in the test year.<sup>28</sup> The Commission will allow an adjustment in that amount.

The Attorney General further proposed to decrease test year expenses by \$13,451 to allocate 50 percent of United States, Kentucky, and Ohio Telephone Association Dues to nonregulated accounts.<sup>29</sup> According to the Attorney General, Cincinnati Bell has not demonstrated that the benefits from these organizations

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<sup>27</sup> Schedule 40.

<sup>28</sup> Schedule 42.

<sup>29</sup> Schedule 43.

outweigh the cost of membership. Cincinnati Bell responded that USTA reports the portion of its membership fee attributable to nonregulated activity and that this portion is recorded below-the-line. Because the Attorney General provided no support for his estimate, this adjustment is not accepted.

The Attorney General also proposed to remove the lobbying expenses of Cincinnati Bell employees. As lobbying expenses are properly excluded from cost of service, this adjustment, reducing expenses by \$26,747, is allowed.

The Attorney General also proposed adjustments totaling \$43,015<sup>30</sup> to remove costs associated with sporting events, contributions, sponsorships, image studies, and a special assessment for the Ohio Telephone Association. Historically, the Commission has found these types of expenses inappropriate for rate-making purposes, and will therefore accept these adjustments.

#### Taxes

The Attorney General proposed an adjustment to Taxes-Other to remove the cost of taxes on non-jurisdictional service property. He also suggests that, because of the disparity in taxes between jurisdictions, the revenue split methodology may not appropriately allocate these taxes. Cincinnati Bell responded that selective application of revenue split and usage split methodology is inappropriate.

In past cases the Commission has approved the revenue split methodology. Until the Commission determines that this methodology

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<sup>30</sup> Schedules 38 and 39.

is no longer appropriate, it will accept the results of the method, including the allocation of non-jurisdictional items. Therefore, the Attorney General's adjustment of \$1,447,324 must be denied.

#### Employee Stock Option Plan

The Attorney General also proposed to reduce federal income tax expense by \$18,694 to recognize a portion of the tax deduction CBI received for dividends paid on stock held by its Employee Stock Option Plan. He stated that Cincinnati Bell's ratepayers should share in the tax savings because the plan was a special benefit related to employee benefits. Cincinnati Bell argued that this is inappropriate as the dividends relate to the parent company stock. Cincinnati Bell and CBI, its parent company, have a tax agreement in which federal income tax liability for Cincinnati Bell is determined as if it had filed a separate tax return.

The Commission will deny the adjustment. There does not appear to be any justification for departing from fundamental rate-making principles which hold that the tax results of non-utility revenues and expenses should not be considered when setting utility rates.

#### Gross Revenue Conversion Factor

Cincinnati Bell proposed and we accept a revenue conversion factor calculated by reducing revenue components by uncollectible revenues, and state and federal income taxes. The Attorney General proposed a different methodology incorporating a factor for the three percent Kentucky school tax and the six percent Kentucky sales tax, although he admitted that the calculation was not

precise. The Attorney General's discussion regarding his computation of the conversion factor does not persuade the Commission that the calculation is appropriate in this case.

Rate of Return

Cincinnati Bell proposed a return on equity of 14 percent based on Discounted Cash Flow and Risk Premium analyses. The Attorney General opined that a return of 12 percent would be more reasonable. The Commission, having considered all the evidence, including current economic conditions, finds that a return on common equity in the range of 12.5 percent to 13.5 percent is fair, just and reasonable. This range will allow Cincinnati Bell to attract capital at a reasonable cost and maintain its financial integrity, ensuring continued service. It will provide for necessary expansion to meet future service requirements, and result in the lowest possible cost to ratepayers. A return of 13.0 percent will best meet the above objectives.

Applying the rates of 8.06 percent for long-term debt and 12.5 percent to 13.5 percent for common equity to the capital structure, produces an overall cost of capital in the range of 10.7 percent to 11.29 percent, which are fair, just and reasonable.

REVENUE REQUIREMENTS SUMMARY

Required Net Operating Income	\$11,250,854
Adjusted Net Operating Income	<u>11,880,717</u>
Sufficiency	629,863
Multiplier	<u>X 1.5593</u>
Revenue Sufficiency	<u>\$ 982,163</u>

## RATE DESIGN

### Extended Area Service

Providing an extended area service ("EAS") plan for the Southern Counties is a major issue in this case. In its October 24, 1994 filing, Cincinnati Bell proposed a mandatory, two-way EAS plan. Numerous letters were submitted to the Commission opposing this plan and many public officials and community leaders expressed preference for an "optional" EAS plan. Cincinnati Bell modified its application to maintain the current local area service ("LAS") and offer an optional plan. It proposed that the customers in the Southern Counties should be charged under new rate groups; Rate Group 1A for those customers maintaining LAS and Rate Group 5B for those customers electing the EAS. The modified application is reasonable and in the public interest, except that the increase in the rates of the Southern Counties' customers should be no greater than the increase for Cincinnati Bell customers in the Northern Counties. Therefore, the new Rate 1A is denied, reducing revenues by \$67,000. This results in a base rate of \$9.65 for residential customers and \$18.26 for nonresidential LAS customers and a base rate of \$26.05 for residential EAS customers and \$57.07 for nonresidential EAS customers. Changes to Cincinnati Bell's Exchange Rate Tariff are approved as modified and are attached as Appendix A.

The new 5B schedule will not be available before September 1995. As part of its optional EAS plan, Cincinnati Bell proposed to charge customers electing to switch from their current level of

service to the new optional service a one-time service charge. In recent cases involving optional plans, service charges have been waived to allow customers an opportunity to elect freely their best option. Therefore, Cincinnati Bell should waive these one-time service charges for a period of 90 days following the implementation optional EAS for the Southern Counties. Upon implementation of EAS in the Southern Counties, Cincinnati Bell's optional extended community calling plans and community connection service should be eliminated.

#### Carrier Common Line Rates

In its original application, Cincinnati Bell proposed various reductions in charges paid by interexchange carriers for services such as switched transport and billing and collection. However, no reductions for carrier common line charges ("CCLC") were proposed. AT&T states that the current CCLC rates were not cost-based and should be reduced. Cincinnati Bell should design rate elements in its tariff to reduce the annual revenue from CCLC by \$1.411 million<sup>31</sup> effective with the date of this Order. Changes to the Access Service Tariff are attached as Appendix B.

#### Pole Attachments

Cincinnati Bell proposed to increase its rates for pole attachments to concur with the formula adopted by the Commission in

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<sup>31</sup> Revised revenue increased request of \$1.478 million less revenue reduction of \$67,000 due the adoption of Rate Schedule 1.



its Order in Administrative Case No. 251.<sup>32</sup> This would increase these rates by 114 percent. TKR challenged this increase. In its modified application, Cincinnati Bell proposed to implement 20 percent increases in each of the next three years. Although the modified proposal does not completely adhere to the formula in Administrative Case No. 251, the more gradually increased rates proposed by Cincinnati Bell are reasonable. The tariff for pole attachments reflects proper increases which are effective on the date of this Order, May 23, 1996 and May 23, 1997. The Cable Television Pole Attachment Tariff is attached as Appendix C.

#### Other Tariff Changes

Cincinnati Bell proposed numerous other tariff changes, which generally conform to changes approved in Ohio. Cincinnati Bell's General Exchange Tariff generally reflects increases of 5.97 percent for residential service and 3.7 percent for nonresidential service.

In addition, Cincinnati Bell proposed to reduce touch tone rates by 20 percent in its application and an additional eight percent in its modified proposal. To match its rates approved in Ohio, Cincinnati Bell will further reduce touch tone rates by an estimated \$180,000 on June 1, 1996.

Tariff revisions for touch tone reflect only the initial 20 percent reduction effective with the date of this Order. In lieu

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<sup>32</sup> Administrative Case No. 251, The Adoption Of A Standard Methodology For Establishing Rates For CATV Pole Attachments.

of the eight percent proposal in the modified application, Cincinnati Bell should submit on June 1, 1995 and June 1, 1996, respectively, tariff revisions for touch tone which match the reductions ordered in Ohio.

Cincinnati Bell also proposed to eliminate the monthly directory assistance call allowances and to increase the charge for a directory assistance call by nine percent.

These and other changes made to the General Exchange Tariff are reasonable and are attached as Appendix D.

Concurring changes were made to the Message Telecommunications Service Tariff and it is attached as Appendix E.

The Wide Area Telecommunications Service Tariff is to be withdrawn with the implementation of EAS to the Southern Counties. This proposal is reasonable and is attached as Appendix F.

Cincinnati Bell proposed various increases to its Private Line Tariff which will apply to current customers. All new services will be ordered as special access service from the Access Service Tariff. It proposes to withdraw private line service on May 7, 1997. Upon withdrawal, all private line services will be converted to the Access Service Tariff. Changes to its private line tariff are attached as Appendix G.

Concurring changes were also made to the Mobile Telephone Service Tariff and it is attached as Appendix H.

## OTHER ISSUES

### Billing Taxes

The Attorney General alleged that Cincinnati Bell was including the three percent Kentucky school tax in revenues. The Attorney General assumed that Cincinnati Bell was acting as a collection agent for the taxing authority and that the tax is a pass-through to that authority, and proposed to reduce revenues. He also found that federal excise tax was being charged on the school tax, and that the six percent Kentucky sales tax for business customers was being charged on the three percent school tax producing what the Attorney General contends are two illegal tax-on-tax situations.

Cincinnati Bell argued that the three percent Kentucky school tax was a tax on it, not the customer. Further, Cincinnati Bell stated that Kentucky statutes authorizing the tax allow Cincinnati Bell to increase its rates to recoup the tax. Therefore, since the Kentucky school tax is assessed on Cincinnati Bell and it is permitted by statute to recover it through an increase in rates, Cincinnati Bell maintains that it is properly recording both the revenue and an expense for this item.<sup>33</sup> Cincinnati Bell also stated that since the Kentucky school tax is an authorized increase in rates, it should be subject to the federal excise tax and sales tax.

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<sup>33</sup> T.E., Volume I of IV, page 227.

The Commission agrees with Cincinnati Bell. Several Attorney General's opinions support this conclusion.<sup>34</sup>

The Attorney General also alleged that Cincinnati Bell was applying the three percent school tax on the federal subscriber line charge ("SLC"). The Attorney General argues that because the SLC is a federal charge, it should not be subject to the school tax and that Cincinnati Bell refund these amounts. Moreover he stated that if any of these taxes have been paid to the state of Kentucky, a refund should be sought. Cincinnati Bell agrees that the school tax should not be applied to the SLC, but does not wish to seek a refund for prior amounts. The Commission will not require Cincinnati Bell to seek a refund on past amounts as the impact would not be material. However, Cincinnati Bell should immediately change its billing practice to cease applying the school tax on the federal SLC.

#### Telephone Number Changes

Cincinnati Bell has proposed to require its customers choosing EAS to change their telephone numbers. Intervenors described the customer inconvenience, confusion, and expense, especially for business customers, of this requirement. To avoid customer telephone number changes, Cincinnati Bell would be required to implement software modifications and certain equipment installations. On May 5, 1995, Cincinnati Bell filed a posthearing response regarding the feasibility and estimated cost of

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<sup>34</sup> See OAG 69-623, OAG 70-384, OAG 70-788, OAG 75-221, OAG 75-455, OAG 76-269, and OAG 76-709.

implementing an advanced intelligent network solution instead of requiring EAS customers to change their telephone number. It identified estimated costs of \$700,000 and noted that there may be difficulties in implementing advanced intelligent network solutions.

The arguments of intervenors Wright, Lahner, and Threlkeld are persuasive. Cincinnati Bell should provide EAS to the Southern Counties without number changes within six months of the date of this Order. Cincinnati Bell should file monthly reports with the Commission concerning the implementation of EAS for the Southern Counties.

Southern Counties' Toll-Free Calling To Cincinnati

Several of the many letters sent to the PSC request toll-free calling to Cincinnati from the Southern Counties. The customer intervenors have also requested this same extension of toll-free calling. Cincinnati Bell agreed to request a waiver from the FCC to allow toll-free calling into Ohio from the Southern Counties if it were ordered to do so by this Commission.<sup>35</sup> Cincinnati Bell has estimated that the approximate cost, including lost toll revenue, would be a maximum of \$600,000.<sup>36</sup>

The extension of local calling to Cincinnati is a reasonable addition to the EAS proposal and should be requested from the FCC. The costs to Cincinnati Bell are extremely low when compared to the

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<sup>35</sup> T.E., Vol I, pgs. 111-112.

<sup>36</sup> T.E., Vol. II, pgs. 129-131.

benefits to the Southern Counties. Cincinnati Bell should apprise the Commission within 60 days of the date of this Order and every 60 days thereafter the status of its petition to the FCC.

#### SUMMARY

The proposal filed by Cincinnati Bell requested an overall revenue increase of \$1.478 million and proposed optional EAS for subscribers in the Southern Counties. The Attorney General determined an \$11.1 million revenue sufficiency based on proposed adjustments to revenues, expenses, capital, capital costs, and rate base. The Commission, having considered the evidence, has determined that a revenue sufficiency of \$982,163 exists. However, because of the uncertain effect on Cincinnati Bell of our directives to provide EAS without any change of telephone numbers and to pursue toll-free calling to Cincinnati for the Southern Counties, the Commission will not reduce Cincinnati Bell's rates at this time.

#### ORDERS

The Commission, having reviewed the evidence of record and having been otherwise sufficiently advised, HEREBY ORDERS that:

1. The rates proposed by Cincinnati Bell in its application are hereby approved, except as noted herein. The rates contained in the Appendices, attached hereto and incorporated herein, are approved.

2. The optional EAS proposal for the Southern Counties is hereby approved.

3. Within 30 days of the date of this Order, Cincinnati Bell shall file a copy of its tariff, containing the rates approved herein, effective the date of this Order.

4. Within 30 days of the date of this Order, Cincinnati Bell shall file a tariff eliminating the service order charges for selecting EAS in the Southern Counties for a period of 90 days.

5. Within 30 days of the date of this Order, Cincinnati Bell shall file a tariff to reduce its CCLC rates by \$1,411,000.


6. Within six months of the date of this Order, Cincinnati Bell shall provide optional EAS to the Southern Counties, without telephone number changes.

7. Cincinnati Bell shall petition the FCC for permission to eliminate toll charges to Cincinnati for Southern Counties' customers selecting EAS.

8. Within 60 days of the date of this Order, and every 60 days thereafter, Cincinnati Bell shall file a report of the status of its petition to the FCC to eliminate toll charges to Cincinnati for Southern Counties' customers selecting EAS.

Done at Frankfort, Kentucky, this 23rd day of May, 1995.

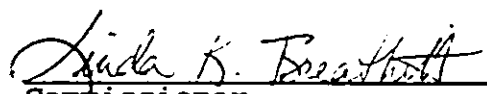
PUBLIC SERVICE COMMISSION

  
Chairman

  
Vice Chairman

ATTEST:

  
Executive Director

  
Commissioner

APPENDIX A

EXCHANGE RATE TARIFF  
PSC No. 1

TABLE OF CONTENTS

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Preface	Preface
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Schedule of Basic Monthly Exchange Rates and Charges - All Exchange Areas	2
Exchange Areas and Schedules Applicable (as listed below)	3

EXCHANGE AREAS AND SCHEDULES

<u>Exchange</u>	<u>Schedule</u>	<u>Exchange</u>	<u>Schedule</u>
Alexandria (x)	1	Independence (x)	1
Alexandria (y)	5A	Independence (y)	5A
Boone (x)		Kentucky Metropolitan	5
Boone (y)			
Butler (x)	1	Walton (x)	3
Butler (y)	5B	Walton (y)	5A
Falmouth (x)	1	Warsaw (x)	1
Falmouth (y)	5B	Warsaw (y)	5B
		Williamstown (x)	1
		Williamstown (y)	5B
Glencoe (x)	1		
Glencoe (y)	5B		

(x) Local Area Service  
(y) Extended Area Service

Note 1: Change effective no later than September 1, 1995, or 30 days after the effective date of this proceeding, whichever is later.

GENERAL REGULATIONS

2. The schedules of basic monthly exchange rates and charges applicable within . . . .
- c. Reserved
3. Exchange Classification
  - a. For the purpose of determining exchange service monthly base rates, exchanges are classified in one or more rate groups according to the



total Exchange Access Lines in the local service area or areas. The local service area is the area within which customers make calls without the payment of toll charges and may include one or more exchanges. For the purpose of this regulation, "Exchange Access Lines" consist of the total number of individual lines, two party lines, Semi-Public Service, Public Service, Customer Provided Coin Operated Telephone lines, Centrex lines, Coinless, Centrex residence main lines, ESSX-1 Network Access Registers, Mobile Wire lines, and all types of trunk lines.

b. Rate Group Classifications and Limits

<u>Exchange Rate Group</u>	<u>Total Exchange Access Lines In Local Service Area</u>
Group 1	0 - 8,000
Group 2	8,001 - 15,000
Group 3	15,001 - 25,000
Group 4	25,001 - 100,000
Group 5, 5A, 5B	100,001 - and over

7. Optional Calling Plans (Deleted)

8. Grandfathered and Discontinued Services

- a. Grandfathered services are available only for existing customers. They are not furnished for new installations, regrades, or moves. All Message Rate services are grandfathered in central offices with Optional Measured Service availability. Also, in central offices where Optional Measured Service is not available all Message Rate services are grandfathered when Optional Measured Service becomes available. These grandfathered services will become discontinued services two years from the date of grandfathering.
- b. All Local Area Services in exchanges with Extended Area Service are grandfathered as of the effective date of this proceeding and will become discontinued services six months from the date of grandfathering.
- c. A customer with a grandfathered service may change to an available service free of initial change charges.

9. Community Connection Service (Deleted)

BASIC MONTHLY EXCHANGE RATES AND CHARGES

ALL EXCHANGE AREAS

1. INITIAL CHARGES

	<u>All Schedules and Services</u>	
	<u>Nonresidence</u>	<u>Residence</u>
a. To establish an exchange access line other than semi-public, per line	\$ 49.78	\$25.70
b. To establish a customer-provided public telephone exchange access line, per line	49.78	-
c. To establish semi-public exchange access line, per line	108.78	-
d. To change from one type of grade of exchange access line to another,		

per line	12.24	12.50
e. To change from one class of exchange access line to another. (Residence to Nonresidence and Vice Versa). per line	20.74	21.19
f. To change the telephone number associated with an exchange access line, per number changed	20.74	21.19
g. To establish or change billing arrangements associated with exchange access lines		
Complex Service, per line	32.98	33.70
Non-Complex Service, per line	10.27	10.49
h. Reserved		
(Effective no later than September 1, 1995 or 30 days after the effective date of this proceeding, whichever is later, concurrent with the changes on Section 1, page 9.)		

2. MONTHLY RATES

SCHEDULE 1

	<u>Within</u>		
	<u>Base</u>	<u>Locality</u>	<u>Rural Rate Area-</u>
	<u>Rate Area</u>	<u>Rate Area</u>	<u>Zone A</u>
<u>Flat Rates (See Note)</u>			
Nonresidence			
Individual Line			
Non-Rotary	\$18.26	\$20.21	\$22.15
Rotary	22.87	24.82	26.75
Trunk Line	22.87	24.82	26.75
Semi-Public Service	9.12	11.05	13.00
Residence			
Individual Line	9.65	10.64	11.64
Two-Party Line	7.74	8.72	9.72
<u>Message Rates</u>			
Nonresidence			
Hotel Trunk Line *	9.12	11.05	13.00

SCHEDULE 2

	<u>Within</u>		
	<u>Base</u>	<u>Locality</u>	<u>Rural Rate Area-</u>
	<u>Rate Area</u>	<u>Rate Area</u>	<u>Zone A</u>
<u>Flat Rates</u>			
Nonresidence			
Individual Line			
Non-Rotary	\$19.56	\$22.51	\$23.45
Rotary	24.48	26.42	28.36
Trunk Line	24.48	26.42	28.36
Semi-Public Service	9.76	11.71	13.65
Residence			
Individual Line	10.31	11.30	12.29
Two-Party Line	8.33	9.31	10.31
<u>Message Rates</u>			
Nonresidence			
Hotel Trunk Line	10.55	12.49	14.42

SCHEDULE 3

	<u>Within</u>	
	<u>Base</u>	<u>Locality</u>
	<u>Rate Area</u>	<u>Rate Area</u>
<u>Flat Rates (See Note)</u>		
Nonresidence		
Individual Line		
Non-Rotary	\$21.18	\$23.11
Rotary	26.50	28.43
Trunk Line	26.50	28.43
Residence		
Individual Line	11.11	12.10
Two-Party Line	8.86	9.84
<u>Message Rates</u>		
Nonresidence		
Hotel Trunk Line	12.68	14.63

Note: The rate increases on this page are effective six months after the effective date of this proceeding concurrent with the elimination of Optional Local Area Service.

SCHEDULE 4

	<u>Base</u> <u>Rate Area</u>	<u>Within</u>	<u>Locality</u> <u>Rate Area</u>
<u>Flat Rates</u>			
Nonresidence			
Individual Line			
Non-Rotary	\$ 38.43		\$40.37
Rotary	48.09		50.04
Trunk Line	48.09		50.04
Residence			
Individual Line	14.42		15.41
Two-Party Line	11.43		12.43
<u>Message Rates</u>			
Nonresidence			
Hotel Trunk Line	17.22		19.16

SCHEDULE 5

	<u>Within</u> <u>Base</u> <u>Rate Area</u>
<u>Flat Rates</u>	
Nonresidence	
Individual Line	
Non-Rotary	\$46.27
Rotary	57.89
Trunk Line	57.89
Semi-Public Service	24.16
Residence	
Individual Line	16.20
Two-Party Line	12.62
<u>Message Rates</u>	
Nonresidence	
Individual Line	
Non-Rotary	\$24.16
Rotary	27.72
Hotel Trunk Line	17.73
Trunk Line	27.72
Residence	
Two-Party Line	8.33
Nonresidence	

SCHEDULE 5 (Cont'd)

	<u>Within</u> <u>Base</u> <u>Rate Area</u>
<u>Optional Measured Rates</u>	
Nonresidence	
Individual Line	
Non-Rotary	\$30.15 (6.65) *
Rotary	37.79 (6.65) *
Hotel Trunk Line	29.12
Trunk Line	37.79 (6.65) *
Residence	
Individual Line	12.84 (4.00) *
Two-Party Line	9.75

• Usage allowance

SCHEDULE 5A

	<u>Base</u> <u>Rate Area</u>	<u>Within</u> <u>Locality</u> <u>Rate Area</u>
<u>Flat Rates</u>		
Nonresidence		
Individual Line		
Non-Rotary	\$ 48.22	\$50.16
Rotary	59.82	61.77
Trunk Line	59.82	61.77
Semi-Public Service	26.11	28.05
Residence		
Individual Line	17.20	18.20
Two-Party Line	13.63	14.61
<u>Message Rates</u>		
Nonresidence		
Individual Line		
Non-Rotary	\$26.11 (70)	\$28.05 (70)
Rotary	29.68 (70)	31.62 (70)
Hotel Trunk Line	19.68	21.63
Trunk Line	29.68 (70)	31.62 (70)

SCHEDULE 5A (Cont'd)

	<u>Base</u>	<u>Within</u>	<u>Locality</u>
	<u>Rate Area</u>		<u>Rate Area</u>
<u>Optional Measured Rates</u>			
Nonresidence			
Individual Line			
Non-Rotary	\$31.97 (\$6.65) *		\$33.79 (6.65) *
Rotary	39.60 ( 6.65) *		41.42 (6.65) *
Hotel Trunk Line	30.93		32.76
Trunk Line	39.60 ( 6.65) *		41.42 (6.65) *
Residence			
Individual Line	13.78 ( 4.00)		14.71 (4.00) *
Two-Party Line	10.68		11.60

\*Usage allowance.

SCHEDULE 5B

	<u>Base</u>	<u>Within</u>	<u>Rural Rate Area-</u>
	<u>Rate Area</u>	<u>Locality</u>	<u>Zone A</u>
		<u>Rate Area</u>	
<u>Flat Rates</u>			
Nonresidence			
Individual Line			
Non-Rotary	\$57.07	\$59.01	\$60.95
Rotary	68.67	70.62	72.57
Trunk Line	68.67	70.62	72.57
Semi-Public Service	34.96	36.90	38.84
Residence			
Individual Line	26.05	27.05	28.05
Two-Party Line	22.48	23.46	24.44
<u>Message Rates</u>			
Nonresidence			
Hotel Trunk Line	28.53	30.48	32.43

ALEXANDRIA EXCHANGE AREA

A. GENERAL

1. Exchange areas in local service areas:

b. Extended Area Service

All exchange areas in the Cincinnati Metropolitan Area as specified in Section 1 of this tariff, the Extended Area Service customers of the Butler, Falmouth, Glencoe, Warsaw and Williamstown exchanges, and the Local Area Service customers of Alexandria exchange (See Note)

B. BASIC MONTHLY EXCHANGE RATES

1. Local Area Service:

Schedule 1, Section 2 of this tariff.

2. Extended Area Service:

Schedule 5A, Section 2 of this tariff.

C. SERVICES FURNISHED

1. Local Area Service:

All services specified in Schedule 1, except as shown below.

BOONE EXCHANGE AREA

A. GENERAL

1. Exchange areas in local service areas:

b. Extended Area Service

All exchange areas in the Cincinnati Metropolitan Area as specified in Section 1 of this tariff, and the Extended Area Service customers of the Butler, Falmouth, Glencoe, Warsaw and Williamstown exchanges, and the Local Area Service customers in Boone and Walton exchanges. (See Note 1)

C. SERVICES FURNISHED

1. Local Area Service:

All services specified in Schedule 3 except as shown below.

- a. Local Area Service will not be furnished for new installations, regrades, or moves; and such service will be discontinued in accordance with Section 1, Paragraph 8 of this Tariff.

Note 1: Change effective September 1, 1995, or 30 days after the effective date of this proceeding, whichever is later.

BUTLER EXCHANGE AREA

A. GENERAL

1. Exchange areas in local service area:

b. Extended Area Service

Butler, Falmouth and Kentucky Metropolitan exchanges and the Extended Area Service customers of the Alexandria, Boone, Glencoe, Independence, Walton, Warsaw and Williamstown exchange. (See Note)

B. MONTHLY RATES

1. Local Area Service.

Schedule 1, Section 2 of this tariff.

2. Extended Area Service

Schedule 5B, Section 2 of this tariff.

C. SERVICES FURNISHED

1. Local Area Service.

All services specified in Schedule 1.

2. Extended Area Service

All services specified in Schedule 5B.

FALMOUTH EXCHANGE AREA

A. GENERAL

1. Exchange areas in local service area:

b. Extended Area Service

Butler, Falmouth, and Kentucky Metropolitan exchanges, and the Extended Area Service customers of the Alexandria, Boone, Glencoe, Independence, Walton, Warsaw, and Williamstown exchanges. (See Note)

B. MONTHLY RATES

1. Local Area Service.

Schedule 1, Section 2 of this tariff.

2. Extended Area Service

Schedule 5B, Section 2 of this tariff.

Note: Change effective September 1, 1995, or 30 days after the effective date of this proceeding, whichever is later.



C. SERVICES FURNISHED

1. Local Area Service.

All services specified in Schedule 1.

2. Extended Area Service.

All services specified in Schedule 5B.

GLENCOE EXCHANGE AREA

A. GENERAL

1. Exchange areas in local service area:

b. Extended Area Service

Glencoe, Warsaw, and Kentucky Metropolitan exchanges, and the Extended Area Service customers of the Alexandria, Boone, Butler, Falmouth, Independence, Walton, and Williamstown exchanges. (See Note)

B. MONTHLY RATES

1. Local Area Service.

Schedule 1, Section 2 of this tariff.

2. Extended Area Service

Schedule 5B, Section 2 of this tariff.

C. SERVICES FURNISHED

1. Local Area Service.

All services specified in Schedule 1.

2. Extended Area Service

All services specified in Schedule 5B.

Note: Change effective September 1, 1995, or 30 days after the effective date of this proceeding, whichever is later.

INDEPENDENCE EXCHANGE AREA

A. GENERAL

1. Exchange areas in local service areas:

b. Extended Area Service

All exchange areas in the Cincinnati Metropolitan Area as specified in Section 1 of this tariff, and the Extended Area Service customers of the Butler, Falmouth, Glencoe, Warsaw and Williamstown exchanges and the Local Area Service customers of Independence exchange. (See Note 1)

B. BASIC MONTHLY EXCHANGE RATES

1. Local Area Service:

Schedule 1, Section 2 of this tariff.

2. Extended Area Service:

Schedule 5A, Section 2 of this tariff.

C. SERVICES FURNISHED

1. Local Area Service:

All services specified in Schedule 1, except as shown below.

KENTUCKY METROPOLITAN EXCHANGE AREA

A. GENERAL

1. Exchange areas in local service areas:

All exchange areas in the Cincinnati Metropolitan Area as specified in section 1 of this tariff and the Extended Area Service customers of the Butler, Falmouth, Glencoe, Warsaw and Williamstown Exchanges. (See Note)

Note 1: Change effective September 1, 1995, or 30 days after the effective date of this proceeding, whichever is later.

WALTON EXCHANGE AREA

A. GENERAL

1. Exchange areas in local service areas:

b. Extended Area Service

All exchange areas in the Cincinnati Metropolitan Area as specified in Section 1 of this tariff, the Extended Area Service customers of the Butler, Falmouth, Glencoe, Warsaw and Williamstown exchanges, and the Local Area Service customers in Walton and Boone exchanges. (See Note 1)

B. BASIC MONTHLY EXCHANGE RATES

1. Local Area Service: (See Note 1)

C. SERVICES FURNISHED

1. Local Area Service:

All services specified in Schedule 3 except as shown below.

- a. Local Area Service will not be furnished for new installations, regrades, or moves; and, such service will be discontinued in accordance with Section 1, Paragraph 8 of this Tariff.

WARSAW EXCHANGE AREA

A. GENERAL

1. Exchange areas in local service areas:

b. Extended Area Service

Glencoe, Warsaw, and Kentucky Metropolitan exchanges, and the Extended Area Service customers of the Alexandria, Boone, Butler, Falmouth, Independence, Walton, and Williamstown exchanges. (See Note.)

B. MONTHLY RATES

1. Local Area Service:

Schedule 1, Section 2 of this tariff.

2. Extended Area Service

Schedule 5B, Section 2 of this tariff.

Note 1: Change effective September 1, 1995, or 30 days after the effective date of this proceeding, whichever is later.

C. SERVICES FURNISHED

1. Local Area Service

All services specified in Schedule 1.

2. Extended Area Service

All Services specified in Schedule 5B.

WILLIAMSTOWN EXCHANGE AREA

A. GENERAL

1. Exchange areas in local service areas:

a. Local Area Service.

Williamstown exchanges.

b. Extended Area Service

Williamstown and Kentucky Metropolitan exchanges, and the Extended Area Service customers of the Alexandria, Boone, Butler, Falmouth, Glencoe, Independence, Walton, and Warsaw exchanges. (See Note.)

B. MONTHLY RATES

1. Local Area Service:

Schedule 1, Section 2 of this tariff.

2. Extended Area Service

Schedule 5B, Section 2 of this tariff.

C. SERVICES FURNISHED

1. Local Area Service

All services specified in Schedule 1.

2. Extended Area Service

All services specified in Schedule 5B.

ISDN BASIC EXCHANGE SERVICE

A. GENERAL

3. All circuit switched calls are carried on the public switched telephone network. Local circuit switched calling can be purchased as flat rate or message rate service. All packet switched calls are carried and billed by PulseNet™ as found in the General Exchange Tariff, Section 49 Public Packet Switched Network Service.

Note 1: Change effective September 1, 1995, or 30 days after the effective date of this proceeding, whichever is later.

ACCESS SERVICE TARIFF  
PSCK No. 2

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EF - Entrance Facility

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(A) Jurisdictional Reports

(1) (a) When a customer orders Feature Group A (FGA) and/or Feature Group B (FGB) Switched Access service, the customer shall state, in its order, the portion of the service which is to be provided for interstate use. This portion is the Percent for Interstate Use or PIU. The customer can either specify one general projected PIU for the total FGA usage and one general projected PIU for the total FGB usage or the customer can specify an 800 terminating PIU and a residual PIU for each FGA and/or FGB Switched Access group ordered. If the customer chooses to provide a separate 800 terminating PIU, then they must provide one projected PIU for 800 terminating FGA and/or FGB group and one projected PIU (the residual PIU) for all the remaining FGA and/or FGB group usage. All PIUs shall be stated as whole number percentages (a number of 0 through 100).

(4) When a customer orders Feature Group D (FGD), 800 Access Service and/or 900 Access Service, the customer shall, in its order, state the proportion of the service which is to be provided for interstate use. The customer has the option to state their proportion of interstate use separately for the usage types 800 originating, 800 terminating and/or 900 originating or the customer can designate one general Percentage for Interstate Use (PIU) for all FGD or GGD usage types. If the customer specifies a unique PIU for 800 originating, 800 terminating, and/or 900 originating traffic, then the customer must also provide a separate residual PIU that represents the percent of interstate use for all usage types for which a separate PIU has not been provided for each end office. All PIUs shall be stated as

whole number percentages (a number of 0 through 100), for each end office to which the new FGC or FGD service is being ordered. The Telephone Company will designate the number, obtained by subtracting the PIU for originating and terminating access minutes from 100, as the interstate percentage of use (100 - PIU = intrastate percentage).

When a customer designates either one general PIU or separate PIUs for each usage type, the PIU should not include any originating usage types for which the Telephone Company is able to derive jurisdiction from call detail recording.

For originating access minutes that can be measured by the Telephone Company, the PIU will be developed on a monthly basis by end office by dividing the measured interstate originating access minutes (the access minutes where the calling number is in one state and the called number is in another state) by the total originating access minutes.

For terminating access minutes, the data used by the Telephone Company to develop the PIU for originating access minutes will be used as the PIU for terminating access minutes.

- (5) Entrance Facilities and Direct-Trunked Transport Facilities will be made available on December 30, 1993 in conformance with the restructure of Local Transport. Expanded Interconnection and Collocation Services will be made available for Switched Transport Services on February 15, 1994. Switched Access customers must provide a new PIU factors that reflect all Switched Access services using these facilities as set forth in (a) through (c) following.



- (a) The customer may provide a PIU factor for each Entrance Facility or Electronic Cross-Connect and a separate PIU factor for each Direct-Trunked Transport facility. These PIU factors will account for both the originating and terminating traffic of all switched Access services using these facilities.
- (b) At the customer's option, a LATA-level PIU factor may be provided for all Entrance Facilities or Electronic Cross-Connect and for all Direct-Trunked Transport Facilities provided in the LATA. These PIU factors will account for both the originating and terminating traffic of all Switched Access services using these facilities switching the LATA. The specified percentage will be applied to all Entrance Facilities or Electronic Cross-Connect and to all Direct-Trunked Transport Facilities within the LATA.
- (c) If the customer does not provide a PIU factor for an Entrance Facility, Electronic Cross-connect, or Direct-Trunked Transport Facility as set forth in (a) or (b) above, the Telephone Company will designate a PIU factor of 70%.
- (6) When a customer orders ELI Service or Directory Assistance Service, the customer shall in its order, provide the projected PIU for terminating use in a whole number (a number of 0 through 100) for ELI Service or each Directory Access Service group ordered. The Telephone Company will designate the number obtained by subtracting the projected PIU furnished by the customer from 100 as the projected intrastate percentage of use (100 - customer percentage = intrastate percentage).

(7) Except where Telephone Company measured access minutes are used as set forth in (4) preceding, the customer reported PIU of use as set forth in (1), (4), (5), or (6) preceding will be used until the customer reports a different projected PIU. When the customer adds BHMC, lines or trunks to an existing service, the customer shall furnish, at the time the order is placed, a projected PIU that applies to the new group or usage type. When the customer discontinues BHMC, lines or trunks from an existing service, the customer shall furnish a projected PIU for the remaining group or usage type. The report will serve as the basis for future billing and will be effective on the next bill date. No prorating or back billing will be done based on the report.

2.4 Payment Arrangements and Credit Allowances

2.4.2 Minimum Periods

The minimum period for which services are provided and for which rates and charges are applicable is one month except for those services set forth in 5.2.5(C), 7.4.4, 7.4.9, . . . .

2.4.3 Cancellation of an Order for Service

Provisions for the cancellation of an Access Order for Switched Access or Special Access are set forth in 5.2.2(B), 5.2.3 and 5.4.5 following.

2.4.4 (B) When a Credit Allowance Applies

(1) For **Switched Transport Entrance Facilities, and Direct-Trunked Transport, and for Special Access Services other than Program Audio . . . .**

- (a) For two-point **Special Access** services, . . . .
- (b) For multipoint **Special Access** services, . . . .
- (c) For multiplexed **Special Access** services, . . . .

(d) For Switched Transport Entrance Facilities and Direct-Trunked Transport, the monthly charge shall be the total of all monthly rate element charges associated with the service. The rate elements include Entrance Facilities and Direct-Trunked Transport Fixed and Per Mile Charges. For multiplexed Switched Transport services, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service that is inoperative. When the facility which is multiplexed or the multiplexer itself is inoperative, the monthly charge shall be the total of all monthly rate element charges associated with the service.\* When the service which rides a channel of the multiplexed facility is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service\* from the Hub to an end office.

\*(i.e., Entrance Facilities, Multiplexer(s), and Direct-Trunked Transport, Fixed and Per Mile Charges.)

- (3) For Directory Assistance Service, no credit shall be allowed for an interruption of less than 24 hours. The customer shall be credited for an interruption of 24 hours or more at the rate of 1/30 of the monthly rates.
- (4) The credit allowance(s) for an interruption or for a series of interruptions shall not exceed the monthly rates. The allowable credit will be computed based upon the billing method which applies to the service being credited.

(7) For Digital Data, MercNET 1.5 and MercNET 45 Special Access services, a credit allowance will be made for each occurrence of a service interruption period of thirty or more consecutive minutes. This credit allowance is in addition to the credit allowance in 2.4.4 (B)(1). The credit allowance rate can only be applied once on a per calendar month, per circuit basis. The credit allowance is applied to the customer bill in addition to the existing monthly service rates, and in addition to any existing credit allowances, as set forth in 2.4.4(B)(1) for Digital Data, MercNET 1.5 and MercNET 45 services. The credit allowance charges by service are listed below:

	<u>Credit</u>
Digital Data Service	(\$50.00)
MercNET 1.5 Service	(\$100.00)
MercNET 45 Service	(\$500.00)

**2.4.5 Service Installation Interval Guarantee**

A failure to meet the installation interval service date for Digital Data service, MercNET 45 and MercNET 1.5 service (as specified in the Cincinnati Bell Telephone Due Date Interval Schedule), where the failure to meet the service installation date is solely the responsibility of the Telephone Company, will result in a customer credit listed below:

	<u>Credit</u>
Digital Data Service	(\$50.00)
MercNET 1.5 Service	(\$100.00)
MercNET 45 Service	(\$500.00)

This guarantee does not apply to any Digital Data service, MercNET 45 and MercNET 1.5 service installation involving circumstances beyond the control of the Telephone Company, such as:

- The customer changes interface requirements
- The customer requests expedited treatment
- The customer's premises is inaccessible
- The customer is not ready to accept service
- The customer orders termination beyond the Network Interface

- When the Telephone Company is not the Access Service Coordination Exchange Carrier (ASC-EC), as set forth in 2.4.8 (Billing of Access Service provided by Multiple Companies) following, and the Confirmed Due Date is not met by the exchange company acting as the ASC-EC for its position of the service. (See following diagram.)

	CBT <u>ASC-EC</u> Credit applies	Another <u>LEC ASC-EC</u> Credit applies
CBT Misses Date		
Another LEC Misses Date	Credit applies	Credit does not apply

- Building facilities are not ready (such as space, cable support structures, building risers and entrance facilities to be provided by builder or owner or owner's subcontracted vendors
- If special construction is required
- During natural disasters or a declared national emergency (Priority Installation of Telecommunications Service Priority as described in 10.8.1 (D) will take precedence)

## 2.6 Definitions

### Aggregator

The term "Aggregator" denotes any person that, in the ordinary course of operations, makes telephones available to the public or to transient users of its premises, for interstate telephone calls using a provider of operator services as defined under Part 64.708(b) of the FCC Rules and Regulations. Further included in this definition are universities, hospitals, hotels and other entities which provide services to the general public for users of its premises for interstate calls.

Busy Hour Minutes of Capacity (BHMC) (DELETED)

### Common Channel Signaling Access Capability

The term "Common Channel Signaling Access Capability" (CCSAC) denotes the option which allows customers access to the CCS signaling network to transmit/receive signals for call set-up out of band. The Signaling Links established between the signaling point of interconnection and the signaling transfer points and the Signaling Transfer Point Port. Terminations are requirements of the capability.

### Common Channel Signaling Access Capability Signaling Link

The "Common Channel Signaling Access Capability (CCSAC) Signaling Link" provides a 56 kbps Facility dedicated to a single customer which originates at the customer's signaling point of interface in a LATA and terminates at the Telephone Company's Signaling Transfer Point (STP). This facility connects the customer to the STP and is a requirement with the CCSAC option.

### Direct - Trunked Transport Facility

The term "Direct-Trunked Transport Facility" denotes a Switched Transport facility between a customer's premises serving wire center and an end office or between a customer's serving wire center and an access tandem that provides a customer with dedicated switched access transport.

### Entrance Facility

The term "Entrance Facility" denotes a Switched Transport dedicated facility between a customer premises and a customer's premises serving wire center that provides a customer with switched access transport between the customer's premises and its serving wire center.

### Interconnection Charge

The Interconnection Charge recovers the costs associated with Switched Transport that are not recovered by the Entrance Facilities, Direct-Trunked Transport, Tandem-Switched Transport, Multiplexing, or CCSAC rates. The Interconnection Charge applies to all access minutes of use (i.e., both Tandem-Switched and Direct Trunked).

### Letter of Authorization (LOA)

The term "Letter of Authorization" (LOA) denotes the Signed Authorization form from a customer designating the primary IC (PIC) for interLATA access.

### Signaling Transfer Point Port Termination

The "Signaling Transfer Point Port Termination" provides a customer dedicated point of interface at the Telephone Company's STP for each of the customer's CCSAC Signaling Links.

### Tandem-Switched Transmission Charge

The Tandem-Switched Transmission charge is a mileage sensitive, per minute of use rate which applies to the transmission of the customer's traffic from the customer's serving wire center, through the Telephone Company's Access Tandem, to the customer designated Telephone Company end office(s), or from the Access Tandem to the end office(s).

### Tandem-Switching Charge

The Tandem-Switching charge is a per minute of use rate element which applies to the switching used to move a customer's traffic through the Telephone Company's Access Tandem to the Telephone Company's end office(s).

## 5. Ordering Options for Switched and Special Access Service

### 5.1 General

This section sets forth the regulations and order related charges for Access Orders for Switched and Special Access Services. These charges are in addition to other applicable charges as set forth in other sections of this tariff.

An Access Order is an order to provide the customer with Switched Access Service or Special Access Service or to provide changes to existing services.

#### 5.1.1 Ordering Conditions

A customer may order any number of services of the same type and between the same premises on a single Access Order. All details for services for a particular order must be identical except multipoint service. All details for multipoint services for a particular order must be identical.

The order date, which is known as the Application Date, is the date on which the Telephone Company receives a firm commitment and sufficient information from the customer to allow processing of the Access Order. The customer is advised of the Application Date at the time the Telephone Company gives the customer a firm order confirmation.

## 5.2 Access Order

-For Feature Group A Switched Access Service, the customer shall specify the number of lines and the first point of switching (i.e., dial tone office), the directionality of the service and the Switched Transport and Local Switching options desired. . . . .

-For Feature Group B, C, and D Switched Access Service, the customer shall specify Entrance Facilities and Direct-Trunked Transport Facilities, by channel assignment, e.g., voice grade, or DS1 or DS3 high capacity, and facility assignment between the customer premises and the end office when direct routing to the end office is desired. When routing is desired via an access tandem switch, the customer shall specify Entrance Facilities and Direct-Trunked Transport Facilities (if desired), by channel assignment, e.g., voice grade or, DS1 or DS3 high capacity, and the facility assignment between their premises and the access tandem switch. The customer shall also specify the Switched Transport and Local Switching options desired.

When ordering by trunk quantities to an access tandem, the customer must also provide the Telephone Company, when requested, an estimate of the amount of traffic it will generate to and/or from each end office subtending the access tandem to assist the Telephone Company in its own efforts to project facility requirements. The basic traffic type must also be specified using the same categories as described in 6.1.1(G) following, to enable efficient provisioning and billing functions.

In addition to the preceding information, the customer shall specify for Feature Group D with CCSAC signaling option a reference to an existing signaling link or reference to a related CCSAC signaling link order. Specification of the level of diversity in its network, as defined in Technical Reference TR-TSV-000905, will be required for CCSAC signaling links and STP Port Terminations. Diversity will be provided as mutually agreed upon availability from the customer's SPOI to the Telephone Company STPs. If appropriate, F.C.C. #39 Special Construction regulation and charges will apply.

. . . . .

The customer shall work cooperatively with the Telephone Company to determine the number of CCSAC Signaling links and STP Port Terminations ordered with the Feature Group D CCSAC option, required to handle its signaling traffic.



When a customer orders Switched Access Service in trunks, the customer is responsible to assure that sufficient access facilities have been ordered to handle its traffic.

-For 900 Access Service, . . . . If the change is to occur absent the requirement for additional capacity, i.e., quantities of trunks, the customer shall notify the Telephone Company of the change as set forth in 6.6.1(d) following.

For Directory Assistance Service, the customer shall specify Entrance Facilities and Direct-Trunked Transport Facilities, by channel assignment, e.g., voice grade, or DS1 or DS3 high capacity, and the facility assignment from the customer's premises to the Directory Assistance location. The customer then specifies the Directory Transport options.

When routing is desired via an access tandem switch, the customer shall specify Entrance Facilities and Direct Trunked Transport Facilities (if desired), by channel type, e.g., voice grade, DS1 or DS3 high capacity, and the number of trunks between their premises and the access tandem switch. Alternatively, Directory Assistance Service may be associated with Feature Group B, C or D Switched Access Service Facilities.

5.2.1 Access Order Service Date Intervals

(C) (Cont'd)

- Application Date (APP): The date on which the Telephone Company receives complete and accurate information from the customer which allows the Telephone Company to initiate its ordering process for the Access Order. This is also the order date.

5.2.2 Access Order Modifications

Any increase in the number of Special Access Service channels or Switched Access Service lines, trunks, or CCSAC Signaling Links or STP Port Terminations will be treated as a new Access Order (for the increased amount only).

5.2.2 (A) Service Date Change Charge

	<u>USOC</u>	<u>Charge</u>
Service Date Change Charge, per order	OMC	\$67.22

(B) Partial Cancellation Charge

Any decrease in the number of ordered Special Access Service channels or Switched Access Service lines, trunks, channels, CCSAC Signaling Links or STP Port Terminations signaling connections will be treated as a partial cancellation and the charges as set forth in 5.2.3(B) following will apply.

(C) Design Change Charge

	<u>USOC</u>	<u>Charge</u>
Design Change Charge, per order	H28	\$67.22

5.2.4 Selection Of Facilities For Access Orders

(A) When a customer places an Access Order, it may choose to utilize facilities it previously purchased as a facility to a hub. If the customer has a high capacity interface for use with Switched Access Service Interoffice Groups 6 and 9, or has a Switched Transport or Special Access Service facility purchased to a Hub, the customer must request that specific channels be used to implement the Access Order.

5.2.5 Minimum Period

(B) (DELETED)

(E) (2) A move to a different building as set forth in 6.7.7 or 7.4.5(B) following.  
(4) A change in the type of Special Access Service Channel Termination or Switched Access Service Entrance Facility.

5.2.6 Minimum Period Charges

(A) (1) For Switched Access Service, the charge is equal to the applicable minimum monthly charge set forth in 6.7.4 following.

(B) (DELETED)

### 5.3 Available Inventory

Available inventory is limited and does not include facilities previously ordered. The Telephone company will make every reasonable effort to maintain sufficient available inventory to provide Access Service in accordance with customers' requested service date intervals. To the extent that service can be provided, Access Orders will be satisfied from available inventory. (Remainder of paragraph DELETED.)

### 5.4 Planned Facilities Order (DELETED)

THIS SECTION RESERVED FOR FUTURE USE

### 5.5 Access Order Standard Intervals

The Standard Intervals, as set forth following, will be used for all Access Orders for Special Access Services of the same channel type with the same requested service date and all Switched Access Services with the same type Interface Group, **channel type**, and/or Feature Group with the same requested service date.

-When the provision of Switched Access Service requires the installation of a new high capacity premises interface of the type specified for Interface Groups 6 through 9, the interval will be considered negotiable.

## 6. Switched Access Service

### 6.1 General

#### 6.1.1 Switched Access Service Arrangements and Manner of Provision

##### (E) 900 Access Service

The nonrecurring charges for 900 Access Service are described in 6.7.1(C)(3).

##### (F) Manner of Provision

Switched Access is furnished in either quantities of lines or trunks. FGA is furnished on a per-line basis. FGB Access and FGD Access are furnished on a per trunk basis.

Trunks are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

There are four major traffic types. These are: Originating, Terminating, 64 Clear Channel Capability (64CCC) and Directory Assistance. Originating traffic type represents access capacity within a LATA for carrying traffic from the end user to the customer. Terminating traffic type represents access capacity within a LATA for carrying traffic from the customer to the end user; 64CCC traffic type represents access capacity within a LATA for carrying digital traffic at speeds up to 64Kbps between the customer and the end user; and, Directory Assistance traffic type represents access capacity within a LATA for carrying Directory Assistance traffic from the customer to a Directory Assistance location. Directory Assistance traffic type is used for ordering Directory Assistance Access Service as set forth in 9. following.

### 6.1.3 Rate Categories

There are three rate categories which apply to Switched Access Service:

- Switched Transport (described in 6.1.3(B) following)
- Local Switching (described in 6.1.3(C) following)
- Common Line (described in Section 3. preceding)

The following diagrams depicts a generic view of the components of Switched Access Service and the manner in which the components are combined to provide a complete Access Service.

**DIAGRAMS TO BE FURNISHED BY THE COMPANY.**

(B) Switched Transport

The Switched Transport rate category establishes the charges related to the transmission and tandem facilities between the customer's premises and the end office switch(es) which may be a Remote Switching Module, where the customer's traffic is switched to originate or terminate the customer's communications. Mileage measurement rules are set forth in 6.7.13.

Switched Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency transmission permits the transport of calls in the originating direction (from the end user's end office switch to the customer's premises) and in the terminating direction (from the customer's premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunication industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The customer must specify when ordering (1) whether the service is to be directly routed to an end office switch or through an access tandem switch, (2) the type of Direct-Trunked Transport and whether it will overflow to Tandem-Switched Transport when service is directly routed to an end office, (3) the type of Entrance Facility, (4) the directionality of the service, and (5) when multiplexing is required, the hub(s) at which the multiplexing will be provided.

Additionally, when service is to be routed through an access tandem switch, the customer must specify whether the facility between the serving wire center and the tandem is to be provided as Direct-Trunked Transport or Tandem-Switched Transport.

Switched Transport is provided at the rates and charges set forth in 6.8.2 following. The application of these rates with respect to the different types of service is set forth in 6.7.1(D) following.

(1) Switched Transport Facilities

(a) Entrance Facility

An Entrance Facility provides the communication path between a customer's premises and the Telephone Company's serving wire center for that premises. The Entrance Facility is provided to a single customer and is available for use with all line side and trunk side Switched Access services. An Entrance Facility is provided even if the customer's premises and the serving wire center are located in the same building.

(b) Direct-Trunked Transport Facility

A Direct-Trunked Transport facility provides the communications path between the serving wire center of a customer's premises and an end office, between the serving wire center of a customer's premises and the Telephone Company's Access tandem. Direct-Trunked Transport facilities are provided to a single customer. Direct-Trunked Transport facilities are available for use with all line side and trunk side Switched Access services.

Direct-Trunked Transport facilities are not available to end offices without recording and measuring capabilities, such as a remote end office. Direct-Trunked Transport facilities are also not available for 800 Access Service when the required SSP function is located at the access tandem.

- (c) Tandem-Switched Transport Facility  
The Tandem-Switched Transport facility provides the communications path between the customer's serving wire center and the end office or between the tandem and the end office on circuits that are switched at an access tandem. Tandem-Switched Transport facilities are available for use with all trunk side Switched Access Services.

Tandem-Switched Transport charges consist of a Tandem-Switched Transmission charge (fixed and per mile minute of use charges) and a Tandem-Switching charge (per minute charge) where elements may apply independently of one another as described herein.

- (d) Host/Remote Arrangements  
When Direct-Trunked Transport is provided to a Host/Remote arrangement, Direct-Trunked Transport rates apply between the customer's serving wire center and the Host office serving the Remote office. When Tandem-Switched Transport is provided, Tandem-Switched Transmission charges and Tandem-Switching charges apply from the customer's serving wire center to the Host office. In both cases, Tandem-Switched Transmission charges apply from the Host office to the Remote office.

- (2) Switched Transport Connections  
Switched Transport is comprised of specific connection types. These connections may be either analog or digital. Analog connections are differentiated by spectrum and bandwidth; digital connections are differentiated by bit rate. Depending on the spectrum, bandwidth or bit rate selected by the customer, multiplexing, as described in 6.1.3(B)(3), may also be required to allow interconnection with other Switched Transport facilities or to a Telephone Company switch.

With one exception, the customer may choose the Switched Transport connection comprising the Switched Transport facility. For the tandem to end office portion of Tandem-Switched Transport, the Telephone Company will determine the type of connection used. For all other requests, the customer may specify the connection by specifying an interface group, as set forth in 6.1.3(B)(5).

Each type of connection is composed of specific channels which are provided for use with a Switched Access service. Each channel in a Switched Transport connection equates to a transmission path. The following types of connections are available for all Switched Transport facilities.

(a) Voice Grade Service

A Voice Grade channel is a channel which provides voice frequency transmission capability in the normal frequency range of 300 to 3000Hz and may be terminated two-wire or four-wire. When a single Voice Grade channel is ordered to be terminated at a customer's premises where the premises is all digital and requires a minimum digital interface level of 1.544 Mbps (DS1), the Telephone Company will provide the required interface where facilities are available.

Technical Specifications for Voice Grade may be found in the following Technical Reference Publications:

TR-TSY-000335  
PUB 41004, Table 4  
TR-INS-000342



(b) MercNET 1.544 (DS1)

A MercNET 1.544 (DS1) provides 24 channels for the transmission of nominal 64.0 kbps or 1.544 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer.

Technical specifications for MercNET 1.5 (DS1) may be found in the following Technical Reference Publications:

PUB-62411  
TR-INS-000342

(c) MercNET 45 (DS3)

MercNET 45 (DS3) provides 28 MercNET 1.544s (DS1) or 672 DSO channels and provides for transmission of nominal 44.736 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. With MercNET 45 (DS3), customers may request to have an electrical interface installed at their customer premises. For DS3 connections utilizing an electrical interface, the customer will receive an electrical signal with a transmission speed of 44.736 Mbps per channel.

Technical specifications for DS3 may be found in the following Technical Reference Publications:

TR-INS-000342

(3) Multiplexing

Multiplexing provides the capability of converting the capacity or bandwidth of a Switched Transport facility from a higher level to a lower level or from a lower level to a higher level. Multiplexing is required when the customer requests to interconnect Entrance facilities or Direct-Trunked Transport facilities of different capacities or bandwidths, i.e., DS1 to Voice Grade or DS3 to DS1.

When customers request to interconnect DS3 facilities with Telephone Company switches, DS3 to DS1 multiplexing is required at appropriately equipped end offices. Locations where multiplexing is available are specified in the NECA Tariff F.C.C. No. 4.

Rates and charges for multiplexing are set forth in 6.8.2.

For each of the multiplexing options listed below, the multiplexer is associated with the Switched Transport facility with the higher capacity or bandwidth (e.g., a DS3 to DS1 multiplexer is associated with the facility DS3 connection).

(a) MercNET 45 (DS3) to MercNET 1.544 (DS1)

Available with all Switched Transport facilities using DS3 connections. Provides an arrangement that converts a DS3 signal to or from 28 DS1 channels. Conversion is accomplished using digital time division multiplexing.

(b) MercNET 1.544 (DS1) to Voice Grade  
Available with all Switched Transport facilities using DS1 connections. Provides an arrangement that converts a DS1 connection to or from 24 voice grade channels. Conversion is accomplished using digital time division multiplexing.

(4) Interconnection Charge

The Interconnection Charge recovers the costs associated with Switched Transport that are not recovered by Entrance Facilities, Direct-Trunked Transport, Tandem-Switched Transport, Multiplexing, or CCSAC rates. The Interconnection Charge applies to all access minutes of use (i.e., both Tandem-Switched and Direct-Trunked).

(5) Interface Groups

Four Interface Groups are provided for terminating an Entrance Facility at the customer's premises. Interface groups define the transmission characteristics associated with the Entrance Facility and all transport facilities with which it is interconnected.

All Interface Groups are provided with transmission specifications and data transmission parameters. Specific technical parameters are set forth in Technical Reference TR-NWT-000334.

Only certain premises interfaces are available at the customer's premises. The premises interfaces associated with the Interface Groups may vary among different types of service. The various premises interfaces which are available with the Interface Groups, and the Feature Groups with which they may be used, are set forth in (5) (k) following.

(a) Interface Group 1 (USOC TPP1X)

Interface Group 1, except as set forth in the following, provides two-wire voice frequency transmission at the point of termination at the customer's premises.

(b) Interface Group 2 (USOC TTP2X)

Interface Group 2 provides four-wire voice frequency transmission at the point of termination at the customer's premises.

(Subsections (c), (d) and (e) DELETED.)

(f) Interface Group 6 (USOC TPP6X)

Interface Group 6 provides DS1 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths.

(Subsections (g) and (h) DELETED.)

- (i) Interface Group 9 (USOC TPP9X)  
Interface Group 9 provides DS3 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice frequency transmission paths.

(Subsection (j) DELETED.)

- (k) Available Premises Interface Codes  
Following is a matrix showing, for each Interface Group, which premises interface codes are available as a function of the Telephone Company switch supervisory signaling and Feature Group. The explanations of these codes are set forth in Technical Reference TR-NPL-000334.

<u>Interface Group</u>	<u>Telephone Company Switch Supervisory Signaling</u>	<u>Premises Interface Code</u>	<u>Feature Group A B D</u>
1	CCS	2NO2	X
6	LO, GO	4DS9-15	X
	CCS	4DS9-15, 15S	X

(1) CCSAC Signaling Connection Premises Interface Codes

The CCSAC optional feature is provided only with Feature Group D. Feature Group D trunks are provided using Interface Groups 2, 6 and 9. CCSAC Signaling connections are provided using Interface Groups 2 and 6. Following is a matrix for Interface Groups 2, 6 and 9 showing which premises interface codes are available for signaling connections as a function of the CCSAC level of digital transmission.

<u>Interface Groups</u>	<u>Level of Transmission</u>	<u>Premises Interface Code</u>
2	DS0	4NO2
6	DS1	4DS9-15, 15S
9	DS3	4DS6-44

(6) Nonchargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following nonchargeable optional features in association with Switched Transport. The optional features are provided as set forth in 6.8.2(G) following.

- For Interface Groups 6 and 9

These supervisory signaling arrangements are not available in combination with the CCSAC option as specified in 6.1.3(B)(7)(a) following.

(b) Customer Specified Entry Switch Receive Level

This feature allows the customer to specify the receive transmission level at the first point of switching. The range of transmission levels which may be specified is described in Technical Reference TR-NPL-000334. This feature is available with Interface Groups 2, 6 and 9 for Feature Groups A and B.

(d) 64 Clear Channel Capability (64CCC)

This option allows the customer to specify 64CCC, for Feature Group D trunks equipped with Signaling System 7 (SS7) Signaling. The 64CCC option allow customers to use the Full 64 Kilobits bandwidth of a Switched digital trunk channel. This option is available where facilities are available as set forth in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

(7) Chargeable Optional Features

(a) Common Channel Signaling Access Capability (CCSAC)

The Telephone Company will provide the CCSAC option in accordance with the technical specifications set forth in Technical Reference TR-TSV-000905 from properly equipped signaling elements in the Telephone Company CCS network.

This option requires the establishment of the required number of CCSAC signaling links between the customer's signaling point of interconnection and each of the Telephone Company's designated Signaling Transfer Points (STPs) and STP Port Terminations. The STP locations are set forth in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. The customer will have the option of ordering a Signaling Link provisioned over a dedicated MercNet 1.544 (DS1) Facility or over a 56 Kbps DDS channel.

(C) Local Switching

This rate category provides for (1) local end office switching, i.e., the common switching functions associated with the various Switched Access Service arrangements, (2) the termination of Switched transport at end offices, (3) the termination of common lines and WATS Access Lines at end offices, (4) intercept functions, i.e., the termination of certain calls at a Telephone Company intercept operator or recording and (5) 800 Data Base Queries. This category includes usage sensitive rates and both chargeable and non-chargeable optional features.

6.1.6 Acceptance Testing

At no additional charge, the Telephone Company will, at the time of installation of Feature Group D with the 64CCC Switched Transport option trunks, perform the Digital Trunk Acceptance Tests described in TR-TSV-000905.

6.1.7 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in Section 5 (Ordering Options For Switched and Special Access). For Switched Transport, ordering provisions as set forth in 2.4.8 (Billing of Access Service Provided by Multiple Companies) will apply when more than one Exchange Telephone Company is involved in the provision of a Switched Transport Facility. Rate elements for Switched Access Services are defined in 6.8.

6.2 Provision and Description of Switched Access Service Feature Groups

Switched Access Service is provided in three different Feature Group arrangements. The provision of each Feature Group requires switched transport facilities and the appropriate end office functions. There are various optional features available with the Feature Groups. The Switched Transport, Common Switching and Transport Termination optional features are available at all Telephone Company end office switches, unless stated otherwise. In addition, WATS Access Line Service as described in 7.2.3 following may, at the option of the customer, be provided for use with Feature Groups A, B and D. WATS Access Line Termination optional features are available in end offices designated as WATS Serving Offices.

6.2.1 Feature Group A (FGA)

(A) Description

(6) No address signaling is provided by the Telephone . . . . of the Switched Transport provided.

(B) Optional Feature

(3) Switched Transport Operational Features

(a) Supervisory Signaling (as set forth in 6.1.3(B)(6)(a) preceding)

(C) Transmission Specifications

FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2, 6 and 9. Type DB Data Transmission Parameters are provided with FGA to the first point of switching.

6.2.2 Feature Group B (FGB)

(A) Description

(3) FGB switching is provided with multi-frequency address . . . . and will be subject to the ordinary transmission capabilities of the Switched Transport provided.

(7) For FGB Switched Access Service provided to a Mobile Telephone Switching Office (MTSO) interconnected to a Telephone Company access tandem, the customer will be assessed charges only from the customer's point of presence to the access tandem. Entrance Facility Charges, Tandem-Switched Transmission charges, Tandem Switching Charges and an Interconnection Charge will apply as appropriate.

(B) Optional Features

(3) Switched Transport Optional Features

(a) Customer Specification of Switched Transport Termination

(b) Supervisory Signaling (as set forth in 6.1.3(B)(6)(a) preceding)



(C) Transmission Specifications

FGB is provided with either Type B or Type C Transmission . . . . and Type B is provided with Interface Groups 2, 6 and 9. Type DB Data Transmission Parameters are provided with FGB to the first point of switching.

6.2.4 Feature Group D (FGD)

(A) Description

(3) FGD switching is provided with multi-frequency . . . . Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

(9) For FGD Switched Access Service provided to a Mobile Telephone Switching Office (MTSO) interconnected to a Telephone Company access tandem office, the customer will be assessed charges only from the customer point of presence to the access tandem. Entrance Facility charges, Tandem-Switched Transmission charges, Tandem-Switching charges and the Interconnection Charge will apply as appropriate.

(B) Optional Features

(3) Switched Transport Optional Features

- (a) Supervisory Signaling (as set forth in 6.1.3(B)(6)(a) preceding)
- (b) Common Channel Signaling Access Capability (CCSAC) as set forth in 6.1.3(B)(7)(a) preceding.
- (c) 64CCC as set forth in 6.1.3(B)(6)(d) preceding.

(C) Transmission Specifications

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2, 6 and 9.

6.3 Local Switching Optional Features

6.3.1 Common Switching

(F) Automatic Number Identification (ANI) and Flexible

The seven digit ANI telephone number is available with . . . . which require ANI to be provided only on a Direct-Trunked Transport basis. . . .

(M) Service Class Routing

This option provides the capability of directing originating . . . . is available with Feature Group D.

6.3.2 Transport Termination

(A) Rotary Dial Station Signaling

This option provides for the transmission of called party . . . . only on a Direct-Trunked Transport basis.

(B) Operator Trunk - Full Feature

This option provides the operator functions available in . . . . is provided as a trunk type for Switched Transport Termination. . . .

6.5 Obligations of the Telephone Company

6.5.2 Design and Traffic Routing of Switched Access Service

For Switched Access Service, ordered on a per line or per trunk basis, the customer desired line or trunk directionality and/or traffic routing of the Switched Access Service between the customer's premises and the entry switch are specified on the customer's order for service. Also, the customer must specify on the Switched Transport facilities to be used (i.e., Entrance Facility, Direct-Trunked Transport facility, and Tandem-Switched Transport facility). When specifying the Switched Transport facilities to be used, the customer must indicate if the facilities are existing or new.

Except for Feature Group B the Telephone Company will be responsible for selection of facilities from the interface to any switching point and to the end offices where capacity is ordered. For Feature Group B the customer may order the optional feature Customer Specification of Switched Transport Termination.

6.5.5 Determination of Number of Transmission Paths

The following applies to switched access voice transmission paths, and does not apply to CCSAC Signaling links and STP Port Terminations provided with the CCSAC option. For determination of the number of CCSAC Signaling links and STP Port Terminations required to handle its signaling traffic, the customer shall work cooperatively with the Telephone Company.

For Switched Access Service which is ordered on a per line or per trunk basis, the customer specifies the number of transmission paths in the order for service. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3000 Hz or a derived communication path of a frequency bandwidth of approximately 300 Hz to 3000 Hz provided over a high frequency analog facility or a high speed digital facility between a customer's premises and a Telephone Company location.

6.5.6 Determination of Number of End Office Transport Terminations

For analog entry switches, a termination will be provided for each feature group line or trunk requested. For digital entry switches, an equivalent termination will be provided for each feature group line or trunk requested.

6.5.7 Design Blocking Probability

(B) For Feature Group D, the design blocking objective for . . . . as set forth in reference document Special Report SR-TAP-000191 Issue No. 2, . . . .

(D) The Telephone Company will perform routine measurement functions for the capacity ordered to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity be ordered by the customer when additional paths are required to reduce the measured blocking level. . . . .

6.7 Rate Regulations

6.7.1 Description and Application of Rates and Charges

(B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per occurrence (e.g., query, access minute, access minute fixed and per mile) basis. Usage rate charges are accumulated over a monthly period.

(C) Nonrecurring Charges

(1) Installation of Service

Nonrecurring charges apply to each Switched Access Service installed as follows:

- Per Line or Per Trunk
- Per Entrance Facility (Voice Grade, DS1 or DS3)
- Per Multiplexer ordered

(2) Service Rearrangements

- For all other changes, including the addition of, or modifications to, optional features a charge equal to the Switched Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path). When the CCSAC option is elected, the customer may add Calling Party Number (CPN), Charge Number (CN), and Carrier Selection Parameter (CSP) at no additional charge if these features are specified at the time the CCSAC option is ordered for existing switched access trunks.

(3) 900 Access Service Charges

(D) Application of Rates

Customers are assessed Switched Transport, Local Switching and Information Surcharge Access rates.

6.7.2 Minimum Periods

Switched Access Service is provided for a minimum period of one month for Feature Groups A, B and D.

6.7.4 Minimum Monthly Charge

The minimum monthly charge for the Tandem-Switched Transmission, Tandem-Switching, Interconnection Charge, Local Switching and the Information Surcharge rate elements is the sum of the charges set forth in 6.8.2, 6.8.3, and 6.8.8 following for the measured usage for the month.

The minimum monthly charge for Entrance Facilities and Direct-Trunked Transport rate elements is the sum of the charges set forth in 6.8.2 following.

6.7.5 Minimum Monthly Usage Charge (MMUC) (DELETED)

6.7.6 Change of Feature Group Type

(B) At the time a customer upgrades a service from Feature (N) Group A, B, or C to Feature Group D, the customer may also change the facility's connection type (e.g., Voice Grade to DSL) or facility type (e.g., Direct-Trunked Transport to Tandem-Switched Transport) or both, at no additional charge.

6.7.7 Moves

All Moves will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued services.

6.7.9 Network Blocking Charge for Feature Group D

The customer will be notified by the Telephone Company to increase its capacity (quantities of . . . .

6.7.13 Mileage Measurement

The mileage to be used to determine the monthly rate for the Switched Transport rate element is calculated on the airline distance between the end office switch where the call carried Switched Transport originates or terminates and the customer's serving wire center, except as set forth in (A) through (F) following. The V&H coordinates method is used to determine mileage. This method is set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4 for Wire Center Information (V&H coordinates).

Exceptions to the mileage measurement rules are as follows:

(A) When Switched Transport facilities of different capacities or bandwidths are interconnected by a multiplexer at a location other than the serving wire center, mileage is determined using the V&H coordinates method following:

- (1) When only one multiplexer is involved, mileage for Direct-Trunked Transport is measured separately from the serving wire center to the hub where multiplexing occurs and then measured from the hub to the end office where the call is switched to originate or terminate.
  - (2) When more than one multiplexer is used, mileage for Direct-Trunked Transport is measured successively from the serving wire center to the first hub, from the first hub to the second hub and then from the second hub to the end office where the call is switched to originate or terminate.
- (B) (DELETED)
- (C) When Direct-Trunked Transport is provided to a Host/Remote arrangement, Direct-Trunked Transport rates apply and mileage is calculated using the V & H coordinate method between the customer's serving wire center and the Host office serving the Remote Office. When Tandem-Switched Transport is provided to a Host/Remote arrangement, Tandem-Switching Transmission rates and Tandem-Switched rates apply. Tandem-Switched Transport mileage is calculated using the V & H coordinate method between the customer's serving wire center and the Host office for both Direct-Trunked Transport and Tandem-Switched Transmission rate will apply separately from the Host office to the Remote office. The Interconnection charge will apply to both Direct and Tandem access minutes of use. Remote end offices are set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4.
- (D) (DELETED)
- (E) The Alternate Traffic Routing optional feature is provided with Feature Group B, C and D to provide service from an end office to different customer premises locations. For Feature Groups B and C and for FGD traffic routed via an access tandem, such apportionment be made using standard Telephone Company traffic engineering methodology and will be

based on the last trunk hundred call seconds desired for the high usage group, as described in 6.3.1(0) preceding, and the relative capacity ordered to the end office, when the feature is provided at an end office switch, or to the subtending end offices when the feature is provided at an access tandem switch. This apportionment will serve as the basis for the Switched Transport Tandem-Switching Transmission mileage calculation. The customer will be billed accordingly.

- (F) When Direct-Trunked Transport is provided for line side Switched Access Service (i.e., Feature Group A), both Direct-Trunked Transport and Tandem-Switched Transmission rates apply. Direct-Trunked Transport applies to both originating and terminating usage and mileage is calculated using the V&H Coordinates method between the customer's serving wire center and the end office switch where the dial tone for the line side Switched Access Service is provided. Tandem-Switched Transmission applies only to terminating usage and mileage is calculated using the V&H coordinate method between the dial tone office and the end office where the call is switched to terminate.
- (G) The Switched Transport mileage for Feature Group B and D . . . .
- (H) The Switched Transport mileage for FGA, FGB or FGD access . . . .

6.7.14 Shared Use

Shared Use occurs when Switched Access Service and Special Access Service, including CCSAC signaling connections, are provided over the same analog or digital high capacity facility through a common interface.

Shared Use facilities are ordered, provided and rated either as Switched Access or Special Access. Ordering, provisioning and rating of Special Access Shared Use facilities is set forth in 7.4.8 following. Ordering, provisioning and rating of Switched Access Shared Use facilities is as follows.

- (A) Switched Access facilities are ordered, provided and rated as Switched Access only in cases where the facility is used for Switched Access only. In the event that a Special Access circuit is added to a switched facility, the facility will then be provisioned as a special access facility.
- (B) When ordered as Switched Access, the non-recurring charges that apply when the Switched Access Shared Use facility is installed will be the nonrecurring charges associated with the Switched Access Transport being ordered.
- (C) The customer must place an order for each individual Switched or Special Access service using the Shared Use facility and must also specify the channel assignment for each service.
- (D) When shared use occurs and the facility becomes a Special Access facility, the monthly recurring rates for Special and Switched Access will be based upon the percentage of channels associated with each.
- (E) When shared use of a facility occurs in a Host/Remote situation, the facility must route to the Host end office. The Telephone Company will continue to provide shared use to any end office so long as capabilities exist.
- (F) Channels being used in conjunction with CCSAC may be included as Shared Use. However, CCSAC signaling connections nonrecurring charges will not apply to the individual channels of the shared use facility.

6.8 Rates and Charges

6.8.1	<u>Interconnection Charge</u>	<u>Rate Per Access Minute</u>
	Premium	\$0.0046
	Transitional	\$0.0021



6.8.2	<u>Switched Transport</u>	<u>USOC</u>	<u>Rates</u>	<u>Nonrecurring</u> <u>Charges</u>
	(A) Entrance Facilities			
	(1) Voice Grade			
	- per point of Termination			
	- Two-Wire		\$ 33.55	NONE
	- Four-Wire		\$ 53.69	NONE
	(2) MercNET 1.544 (DS1)		\$ 135.79	NONE
	(3) MercNET 45 (DS3)		\$2,532.54	NONE
	(B) Direct-Trunked Transport			
			<u>Monthly Rates</u>	
		<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
	(1) Voice Grade			
	- per point of Termination			
	- Two-Wire		\$ 47.45	\$ .90
	- Four-Wire		\$ 47.45	\$ .90
	(2) MercNET 1.544 (DS1)		121.75	\$ 15.13
	(3) MercNET 45 (DS3)		\$1,552.35	\$ 117.46
	(C) Tandem-Switched Transport			
			<u>Monthly Rates</u>	
			<u>Per Mou</u>	<u>Per Mile</u>
	(1) Tandem-Switched Transmission		\$0.0006	\$0.0001
	(2) Tandem-Switching		\$0.0011	
	(D) Multiplexing			
			<u>Monthly Rates</u>	
	(1) MercNET 1.544 (DS1) to Voice Grade			
	- Per Arrangement		\$ 340.45	
	(2) MercNET 45 (DS3) to MercNET 1.5 (DS1)			
	- Per Arrangement		\$1,017.23	
	(E) Installation			
	- Per Line or Trunk Signaling Connection			NONE
	(F) Network Blocking Charge +		<u>Rate Per Call Blocked</u>	
			\$0.0034	
	(G) <u>Nonchargeable Optional Features</u>			
	(1) <u>Supervisory Signaling</u>			<u>FID</u>
	SF Supervisory Signaling arrangement			
	- Per Transmission Path** NCI			++SF+

\*\* Available with Interface Groups 2, 6 and 9.

- (3) Customer specification of Switched Transport . . . .
- (4) (DELETED)

(H) Service Rearrangement Charge

	<u>USOC</u>	<u>Nonrecurring Charge</u>
(1) CCSAC Trunk Conversion		
- per first trunk converted per trunk group.	NRBOA	NONE
- per additional trunk converted which is part of the same trunk group.	NRBOB	NONE

(I) CCSAC Signaling Link and STP Port Termination Charges

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(1) STP Port Termination per Port	PT8SX	\$889.75	NONE
(2) CCSAC Signaling Link			
a) Channel Termination*			
- per DS1 link		135.79	NONE
- per 56 Kbps link	TNTFX	78.91	NONE

	<u>USOC</u>	<u>Fixed</u>	<u>Nonrecurring Per Mile Charge</u>	
b) Channel Mileage**				
- per DS1 link				
<u>Mileage Band</u>				
Over 0		NONE	NONE	NONE
		\$121.75	\$15.13	NONE
- per 56 Kbps link				
<u>Mileage Band</u>				
0	1J5FS	NONE	NONE	NONE
Over 0	1J5FS	58.03	.63	NONE

\* One Channel Termination applies per CCSAC Signaling Link.  
 \*\* Channel Mileage applies between Serving Wire Center and STP, but does not apply when mileage is zero.

6.8.3 Local Switching

(A) Usage Sensitive Rates

(1) Premium Rates	Rate <u>Per Access Minute</u>
LS1	\$0.0070
LS2	0.0070

6.8.7 Equal Access Recovery Charge

**This charge no longer applies as of January 1, 1994**

6.8.8 Information Surcharge

	<u>Rates</u>
Premium, Per 100 Access Minutes	\$ 0.0622

6.8.10 900 Access Service

	<u>USOC</u>	<u>Nonrecurring Charge</u>
- Assembly of rate and route pattern (applies only on initial request for 900 Access Service in a LATA)	N9E	\$47.77
- Activation or deactivation of first 900 Access Service NXX code contained in a request	N9GLX	28.66
- Activation or deactivation of each additional 900 Access Service NXX code contained in the same request	N9GAX	14.33

7. Special Access Service

7.1 General

7.1.3 Service Configurations

(A) Two-Point Service

- Channel Terminations\*

\*Only one Channel Termination will apply for Voice Grade WATS Access Line Service, (see diagram on Page 109.6.1).

(C) Customer Network Reconfiguration Service (CNRS)

CNRS provides customer management capability of **Voice Grade Service Channels**, 9.6, 56 and 64 Kbps Digital Data Service . . . **Digital Data and Voice Grade Service Channels** are not available for use as CNRS mid links.

7.1.8 Ordering Options and Conditions

Special Access Service may be provisioned to the customer by an Access Order. Details of the ordering process are set forth in Section 5, preceding. Also included in that Section are other charges which may be associated with ordering Special Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

7.2 Service Descriptions

7.2.9 High Capacity Service

(D) Optional Features and Functions

(5) Enhanced Access Diversity (EAD)

EAD is an optional feature in which Special Access High Capacity Service (MercNET 1.5 and MercNET 45) is provided on a transmission facility alternately routed from the primary (Standard) transmission facility path.

This feature utilizes existing physically diverse interoffice facilities, excluding equipment and facilities located in a wire center, to provide diversity between serving wire centers only.

EAD may be provisioned on Telephone Company facilities where capability and capacity exist. Otherwise, the customer may order facilities under Special Construction.

When placing orders for EAD, the customer must identify the services that will be diverse, and any facilities placed under Special Construction that will be used. The customer must also supply all appropriate facility assignments and other information to permit the Telephone Company to provide and maintain EAD service.

When High Capacity MercNET 45 service is multiplexed, rates and charges for each EAD service connecting to the multiplexer will apply. Applicable rates and charges for the MercNET 45 service will also apply if identified as an EAD service. Customers leasing Telephone Company-provided multiplexers will provide and identify Connecting Facility Assignments of diverse services to the multiplexer.

	Available with Technical Specifications Package						HC-
	0	1	1C	2	3	4	
Enhanced Access Diversity		X				X	

7.2.10 Customer Network Reconfiguration Service (CNRS)

(A) Basic Service Description

CNRS is an optional service for use with 1.544 Mbps (DSL) High Capacity Service and 9.6, 56 and 64 kbps Digital Data Services and Voice Grade Service . . .

7.4.1 Types of Rates and Charges

(A) Monthly Rates

For Channel Terminations associated with MercNET 45 High Capacity Service - 12 Pack Arrangement the following conditions must be met:

- The 12 pack arrangement must be billed to the same customer.
- The 12 pack arrangement must be provided to the same premises.

7.4.4 Minimum Periods

(C) For Optional Payment Plans (OPP) for Digital Data Service, MercNET 45 and 1.544 High Capacity Services the minimum period is specified in paragraph 7.4.9 following.

7.4.5 Moves

The charges for the move are identical whether the move is to a new location within the same building or to a different building.

All Moves will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued services.

7.4.8 Shared Use High Capacity Services

Switched Access Service rates and charges as set forth in 6.8 preceding will apply for each channel of the shared use facility that is used to provide a Switched Access Service including CCSAC signaling connections. The ordering, provisioning and rating of Switched Access Shared Use facilities is set forth in 6.7.14 preceding.

7.4.9 Payment Plans for Digital Data Service, MercNET 45 and 1.544 High Capacity Services

The Optional Payment Plan (OPP) is a provision that allows a customer to pay a fixed rate for specific Digital Data Service, MercNET 45 and 1.544 High Capacity Service . . . .

Digital Data Service, MercNET 45 and 1.544 High Capacity Service rates and charges for which the OPP is available are listed in 7.5.8 and 7.5.9 following.

At the expiration of the OPP term and if the customer wishes to continue Digital Data Service, MercNET 45 and 1.544 High Capacity Service, the customer may elect:

The customer continues to receive the OPP rate on a month-to-month basis for a period of up to six months following the completion of the term. After the six months the rates will automatically revert to the month-to-month rates.

During an OPP term a customer may move one Channel Termination service to another location while keeping the OPP in force, provided the customer and customer's end user remain the same and no lapse in service occurs.

The Minimum Period for service provided under an OPP is the . . . . 1 month for 1.544 High Capacity Service and Digital Data Service.

Customers requesting termination of service prior to the expiration date of the Minimum Period will be liable for payment of a Minimum Period Charge. The Minimum Period Charge for all OPP terms will be calculated as follows:

- The service that is in place less than 12 months the customer would pay the monthly rate for the service.
- The dollar difference between (a) the current OPP rate for the OPP term that could have been completed during the time the service was actually in service, and (b) the customer's current OPP rate for each month the service was provided.

For example, a customer subscribed to a 60 month OPP term and disconnected service during the 39th month. This customer's minimum period charge would be:

[36 month OPP rate - 60 month OPP rate] x 39 = Minimum Period Charge.

The 36 month OPP term could have been completed during the months the service was actually in service.

All minimum period charges will be based on the OPP rates in effect at the time of termination.

Minimum Period Charges for all OPP terms that have been initiated prior to, may, at the customer's request, be charged as described above or pay a percentage of the monthly charges for the remainder of the term as indicated below:

7.4.10 MercNET 45 High Capacity Service - 12 Pack Arrangement  
In addition to rate regulations preceding in 7.4.9, the following terms and conditions are listed below:

- New contract periods would be established at the time the circuits are converted to the new 12 pack arrangement.
- The minimum for the 12 pack arrangement is 12 MercNET 45's. If the customer goes below the minimum the customer will automatically be reverted to the existing tariff structure by contract period. The appropriate rate in the existing tariff structure will be applied based on the existing contract period of the 12 pack arrangement.

7.4.11 Customer Network Reconfiguration Service (CNRS)

(B) CNRS Port Charges

One DS1 Port is required for each DS1 facility which . . . . One DS0 Port is required for each Voice Grade facility and 9.6, 56 or 64 kbps Digital Data facility . . . .

(C) Charges for Reconfigurations and Database Changes Performed by the Telephone Company

When a customer adds a Voice Grade Service, Digital Data . . . .

7.4.12 Discount Commitment Program (DCP)

(A) General Description

The Discount Commitment Program (DCP) provides the customer with rate stabilization and discounted rates for Digital Data Service, 1.544 High Capacity Service and MercNET 45 Service (described in Sections 7.2.8 and 7.2.9, preceding). The customer agrees to a minimum service commitment per service when establishing a DCP. Customers may disconnect or move Channel Terminations and not be

subject to Maximum Termination Liability charges as long as commitment levels are maintained.

DCPs may be established by service and be of either 36 or 60 months duration. A customer may have only one DCP per service in effect at one time. For example, a customer that has a 36-month DCP for Digital Data Service may not establish a second Digital Data Service until the current DCP expires.

Monthly rates for services installed under a DCP will change as Telephone Company-initiated rate changes become effective but during the DCP term will not exceed the original monthly rate in effect at the beginning of customer's DCP term. During the term of the selected DCP, Telephone Company-initiated rate changes (increases or decreases) will automatically be applied to the monthly rates for the remaining months of the current DCP term. But in no case will any rate change cause the monthly rate during the DCP term to exceed that in effect at the beginning of the customer's DCP term.

(B) Commitment Level

A customer establishes a DCP term by committing 90 percent of their in service Channel Termination to a term of either 36 or 60 months duration. Although the commitment is based upon Channel Termination (CTs), the following rate elements will all receive DCP rates:

Channel Termination

Channel Mileage

The customer will not receive the DCP rates for in-service levels above the 90 percent commitment level established. For example, a customer with 100 CTs in-service and commits to 90 CTs (i.e. 90 percent) will receive the DCP rates for up to 90 CTs.

If a customer's actual in-service level falls below the commitment level, the customer will be billed for the commitment level of CTs at DCP rates. For example, a customer that commits 90 CTs but has only 70 CTs in service will be billed the DCP rates for 90 CTs.



(C) 90-Day Review Period

No adjustments, for being above or below commitment level (as described in (B) above), in monthly billing for a DCP will be made until 90 days after Telephone Company notification to the customer that the commitment level has been exceeded or not been met. This will insure that customers will not be penalized for aberrations in Channel Termination counts caused by timing differentials in disconnection and installation.

Customers' bills will not be adjusted for being outside the parameters described in 7.4.12(B), preceding during the 90 day review period. Additionally, customers will continue to be billed the adjustments (following the 90 day review period) for being outside the described parameters until the commitment level is met or increased. A new 90-day review period will be initiated if the customer's actual in-service level subsequently falls outside the described parameters.

(D) Increasing the DCP Commitment Level

Customers may increase their commitment level at any time by notifying the Telephone Company in writing. An increase in the commitment level will not change the expiration date of the DCP. When a commitment level is increased, the actual in-service CT level at the time of the increase will be used to calculate billing adjustments as described in Section 7.4.12(B), preceding.

(E) Decreasing the DCP Commitment Level and Termination

Customers may decrease their commitment level only by paying termination liability charges on the number of Channel Terminations by which the commitment level is decreased. Termination Liabilities will apply to Digital Data, 1.544 High Capacity and MercNET 45. For example, a customer has a commitment level of 90 CTs. The customer then decreases this commitment level to 70 CTs. The customer must pay termination liabilities on 20 CTs.

The Termination Liability for DCP is calculated to be the dollar difference between the current DCP rate for the DCP term that could have been completed during the time the service was actually in service, or the monthly rate for services in service, or the monthly rate for services in place less than 36 months, and the customer's current DCP rate for each month the service was provided.

For example, a customer subscribing to a 60-month DCP term reduced their CT commitment by 20 CTs during the 37th month. This customer's termination charge would be:

$$20 \text{ CTs} \times (36 \text{ month DCP rate} - 60 \text{ month DCP rate}) \times 37 \text{ months} = \text{Termination Charge}$$

A decrease in the commitment level will not change the expiration date of the DCP.

(F) Upgrading a DCP Service

When a customer upgrades a Digital Data service being billed DCP rates to a 1.544 High Capacity, the Digital Data service DCP commitment level will be reduced at the customer's request (up to a maximum of 24) and no termination liabilities will apply. If the customer has a DCP for a 1.544 High Capacity, the 1.544 High Capacity DCP commitment level will be increased if the customer requests that it be increased. When a customer upgrades a 1.544 High Capacity service being billed DCP rates to a MercNET 45 service with the same termination points, the customer's 1.544 High Capacity DCP commitment level will be reduced at the customer's request (up to a maximum of 28) and no termination liabilities will apply.

(G) Conversion to an Optional Payment Plan (OPP)

Customers may convert services from a DCP term to an OPP as described in 7.4.9, preceding. No termination liabilities will apply to services converted to an OPP term of the same or longer length than the DCP term. Additionally, the customer's DCP commitment level will be reduced by the number of CTs, associated with the service, converted to an OPP term.

7.5 Rates and Charges

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(A) Channel Termination			
- Per Point of Termination T6ECS		\$27.53	None

<u>Mileage Bands</u>	<u>USOC</u>	<u>Fixed</u>	<u>Monthly Rates Per Mile</u>
0	1L5XX	None	
Over 0 to 4	1L5XX	\$58.03	\$ .99
Over 4 to 8	1L5XX	58.03	.99
Over 8 to 25	1L5XX	58.03	.99
Over 25	1L5XX	58.03	.99

(C) Optional Features and Functions

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(1) Bridging			
(a) Three Premises Bridging			
- Per Port	BCNM3	\$ .48	None
(b) Series Bridging			
- Per Port	BCNMS	.95	None

7.5.2 Telegraph Grade Service

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(A) Channel Termination			
- Per Point of Termination			
- Two-Wire	T6E2X	\$27.53	None
- Four-Wire	T6E4X	44.06	None

(B) Channel Mileage

<u>Mileage Bands</u>	<u>USOC</u>	<u>Fixed</u>	<u>Monthly Rates Per Mile</u>
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$58.03	\$2.09
Over 4 to 8	1L5XX	58.03	2.09
Over 8 to 25	1L5XX	58.03	2.09
Over 25	1L5XX	58.03	2.09

(C) Optional Features and Functions

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
(1) Telegraph Bridging			
Two-Wire and Four-Wire			
- Per port			
- Two-Wire	BCNT2	\$ .48	None
- Four-Wire	BCNT4	.95	None

7.5.3 Voice Grade Service

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring</u>
		<u>Rates</u>	<u>Charges</u>
(A) Channel Termination			
(1) Voice Grade			
- Per Point of Termination			
- Two-Wire	T6E2X	\$35.13	None
- Four-Wire	T6E4X	56.22	None

(B) Channel Mileage

<u>Mileage Bands</u>	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$58.03	\$1.19
Over 4 to 8	1L5XX	58.03	1.19
Over 8 to 25	1L5XX	58.03	1.19
Over 25	1L5XX	58.03	1.19

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring</u>
		<u>Rates</u>	<u>Charges</u>
(C) Optional Features and Functions			
(1) Bridging			
(a) <u>Voice and WAL Bridging</u>			
Two-Wire/Four-Wire			
- Per port			
- Two-Wire	BCNV2	\$1.41	None
- Four-Wire	BCNV4	2.51	None
(b) <u>Data Bridging</u>			
Two-Wire/Four-Wire			
- Per port			
- Two-Wire	BCND2	4.70	None
- Four-Wire	BCND4	1.41	None
(c) <u>Telephoto Bridging</u>			
Two-Wire/Four-Wire			
- Per port			
- Two-Wire	BCNF2	.48	None
- Four-Wire	BCNF4	.95	None

(2) Conditioning				
- Per Point of Termination				
C - Type	X1CPT	7.43	None	
(3) Improved Termination				
- Per point of termination				
- Four-Wire	1RL4W	7.84	None	
(4) Improved Return Loss				
- Per point of termination				
- Two-Wire	1RL2W	4.17	None	
(6) Data Capability				
- Per point of termination	XDCPT	.74	None	
(7) Telephoto Capability				
- Per point of termination	XTCPT	1.61	None	
(8) Signaling Capability				
- Per point of termination	XSS++	10.46	None	

7.5.4 Program Audio Service

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Daily Rates</u>	<u>Nonrecurring Charges</u>	
				<u>Monthly</u>	<u>Daily</u>
(A) <u>Channel Termination</u>					
- Per Point of Termination					
- 200 to 3500 Hz	T6ECS	\$ 25.94	\$2.59	None	None
- 100 to 5000 Hz	T6ECS	39.02	3.90	None	None
- 50 to 8000 Hz	T6ECS	48.20	4.82	None	None
- 50 to 15000 Hz	T6ECS	119.86	14.26	None	None

(B) Channel Mileage

	<u>USOC</u>	<u>Monthly Rates</u>		<u>Daily Rates*</u>	
		<u>Fixed</u>	<u>Per Mile</u>	<u>Fixed</u>	<u>Per Mile</u>
(1) 200 to 3500 Hz					
<u>Mileage Bands</u>					
0	1L5XX	None	None	None	None
Over 0 to 4	1L5XX	\$58.03	\$1.57	\$5.80	\$.16
Over 4 to 8	1L5XX	58.03	1.57	5.80	.16
Over 8 to 25	1L5XX	58.03	1.57	5.80	.16
Over 25	1L5XX	58.03	1.57	5.80	.16

(2) 100 to 5000 Hz

Mileage Bands

0	1L5XX	None	None	None	None
Over 0 to 4	1L5XX	116.05	2.60	11.61	.26
Over 4 to 8	1L5XX	116.05	2.60	11.61	.26
Over 8 to 25	1L5XX	116.05	2.60	11.61	.26
Over 25	1L5XX	116.05	2.60	11.61	.26

(3) 50 to 8000 Hz

Mileage Bands

0	1L5XX	None	None	None	None
Over 0 to 4	1L5XX	\$174.08	\$ 3.78	\$17.41	\$.38
Over 4 to 8	1L5XX	174.08	3.78	17.41	.38
Over 8 to 25	1L5XX	174.08	3.78	17.41	.38
Over 25	1L5XX	174.08	3.78	17.41	.38

(4) 50 to 15000 Hz

Mileage Bands

0	1L5XX	None	None	None	None
Over 0 to 4	1L5XX	348.14	4.39	34.81	.44
Over 4 to 8	1L5XX	348.14	4.39	34.81	.44
Over 8 to 25	1L5XX	348.14	4.39	34.81	.44
Over 25	1L5XX	348.14	4.39	34.81	.44

(C) Optional Features and Functions

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Daily* Rates</u>	<u>Nonrecurring Charges</u>	
				<u>Monthly</u>	<u>Daily</u>
(2) Gain Conditioning					
- Per service	XGC	\$10.77	\$1.08	None	None
(3) Stereo					
- Per service	XSC	None	None	None	None

7.5.8 Digital Data Service

	<u>USOC</u>	<u>Rates</u>	<u>Recurring Charges</u>	
			<u>Optional Payment Plan and Discount Commitment Program</u>	
			<u>36 Mo.</u>	<u>60 Mo.</u>
(A) Channel Termination				
- Per point of termination				
- 2.4 kbps	T6ECS	\$75.72	71.93	\$68.15
- 4.8 kbps	T6ECS	75.72	71.93	68.15
- 9.6 kbps	T6ECS	75.72	71.93	68.15
- 56.0 kbps	T6ECS	78.91	74.97	71.02
- 64.0 kbps	T6ECS	78.91	74.97	71.02
- All Digital Data CT's Nonrecurring Charge, each			None	None

(C) Channel Mileage	USOC	Monthly Rates	
		Fixed	Per Mile
(1) 2.4 kbps			
<b>Monthly, Optional Payment Plan and Discount Commitment Program</b>			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$58.03	\$.63
Over 4 to 8	1L5XX	58.03	.63
Over 8 to 25	1L5XX	58.03	.63
Over 25	1L5XX	58.03	.63
(2) 4.8 kbps			
<b>Monthly, Optional Payment Plan and Discount Commitment Program</b>			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$58.03	\$.63
Over 4 to 8	1L5XX	58.03	.63
Over 8 to 25	1L5XX	58.03	.63
Over 25	1L5XX	58.03	.63
(3) 9.6 kbps			
<b>Monthly, Optional Payment Plan and Discount Commitment Program</b>			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$58.03	\$.63
Over 4 to 8	1L5XX	58.03	.63
Over 8 to 25	1L5XX	58.03	.63
Over 25	1L5XX	58.03	.63

(4) 56 kbps

**Monthly, Optional  
Payment Plan and  
Discount Commitment  
Program**

Mileage Bands

0	1L5XX	None	None
Over 0 to 4	1L5XX	\$58.03	\$.63
Over 4 to 8	1L5XX	58.03	.63
Over 8 to 25	1L5XX	58.03	.63
Over 25	1L5XX	58.03	.63

(5) 64 kbps

**Monthly, Optional  
Payment Plan and  
Discount Commitment  
Program**

Mileage Bands

0	1L5XX	None	None
Over 0 to 4	1L5XX	\$58.03	\$.63
Over 4 to 8	1L5XX	58.03	.63
Over 8 to 25	1L5XX	58.03	.63
Over 25	1L5XX	58.03	.63

(D) Optional Features and Functions

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(1) Bridging - Per port	BCNDA	\$ 2.36	None

7.5.9 High Capacity Service  
(A) Channel Termination

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Recurring Charges</u> <u>Optional Payment Plan and Discount Commitment Program</u>	
			<u>36 Mo.</u>	<u>60 Mo.</u>
- 1.544 Mbps (MercNET 1.5)	TMECS	\$ 135.79	\$ 129.00	\$ 122.21
- MercNET 45				
- 1st CT	TUTFX	2,420.31	1,342.00	1,111.73
- 2nd CT	TUJFX	1,776.55	887.65	701.95
- 3rd CT and above	TUJFX	1,757.98	869.08	679.67



- All MercNET 45 CT's Nonrecurring Charge, each - None
- All 1.544 Mbps (MercNET 1.5 CT's) Nonrecurring Charge, each
  - None
- MercNET 45
- 12 Pack Arrangement
- Per CT            HDZPX     1,723.99            864.54            681.66

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>

(B) Channel Mileage

(1) 64 kbps

Mileage Bands

	0*	1L5TC	\$45.08	None
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(2) 1.544 Mbps (MercNET 1.5)

**Monthly, Optional  
Payment Plan and  
Discount Commitment  
Program**

Mileage Bands

	0	1L5XX	None	None
	Over 0 to 4	1L5XX	\$121.75	\$15.13
	Over 4 to 8	1L5XX	121.75	15.13
	Over 8 to 25	1L5XX	121.75	15.13
	Over 25	1L5XX	121.75	15.13

(5) MercNET 45

**Monthly, Optional  
Payment Plan and  
Discount Commitment  
Program**

Mileage Bands

	0	1U5EX	None	None
	Over 0 to 4	1U5EX	\$1,458.68	\$109.09
	Over 4 to 8	1U5EX	1,458.68	109.09
	Over 8 to 25	1U5EX	1,458.68	109.09
	Over 25	1U5EX	1,458.68	109.09

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) Optional Features and Functions			
(1) Multiplexing			
DS3 to DS1			
-Per arrangement	MQ3	\$ 928.51	None
DS1 to Voice			
-Per arrangement	MQ1	\$ 340.45	None
DS1 to Digital Data			
-Per arrangement	MQK	\$ 340.45	None
DS1 to DSO			
-Per arrangement	QMU	\$ 195.79	None
DSO to Subrates			
-Per arrangement			
-Up to 20 2.4 kbps services	QSU24	61.49	None
-Up to 10 4.8 kbps services	QSU48	36.10	None
-Up to 5 9.6 kbps services	QSU96	23.40	None
(2) Alternate Central Office Channel			
-Per 1.544 Mbps High Capacity	A7V	\$71.30	None
(3) Service To Service Through Connect Arrangement			
-Per 1.544 Mbps High Capacity	STM1X	None	None
(4) Clear Channel Capability			
-Per High Capacity channel termination	CLR	None	None
(5) Interoffice Access Diversity (EAD)			
-Per 1.544 Mbps or 45 Mbps High Capacity	DZV	\$12.00	None

7.5.10 Customer Network Reconfiguration Service (CNRS)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
A. Service Establishment Charge			
-Per Database Setup	NRBNS	-	None
B. CNRS Port Charges			
- DSL Port	PT6	\$77.07	None
- DSO Port	PT5	28.25	None
C. Reconfiguration and/or Database Changes Performed by the Telephone Company			
-Basic Time, normally scheduled working hours, per half hour or fraction thereof	NRBNS	-	\$ 26.06
-Overtime, outside of normally scheduled working hours, per half hour or fraction thereof	NRBNO	-	\$39.09

8. Billing and Collection Services

8.1 Recording Service

The Telephone Company will provide Recording Service in its operating territory. The minimum territory for which the Telephone Company will provide Recording Service is all the appropriately equipped offices in a state operating territory for which the customer has ordered Feature Group D Switched Access Service. . . . .

For Feature Group D Switched Access Service, the term "customer . . . . .

8.1.1 General Description

Provision of customer message detail is the provision of . . . . . Except for lost or damaged records, the recorded detail will be available to the customer according to a mutually agreeable schedule.

8.1.2 Undertaking of the Telephone Company

(A) The Telephone Company will record all originating customer messages carried over Feature Group D Switched Access Service that are available to Telephone Company provided recording equipment. . . . .

- (C) (DELETED)
- (D) Recorded customer message detail will be provided to a customer as set forth in (E) following. The . . . .
- (E) At the request of a customer, magnetic tapes containing the recorded customer message details will be provided to the customer as part of Recording Service. The magnetic tapes will be provided without the return of previously supplied tapes. The Telephone Company will supply the magnetic tapes. Unless specified otherwise by the customer, the magnetic tapes will be sent to the customer via **overnight service paid by the customer**. However, the customer may pick up the magnetic tapes at a location designated by the Telephone Company or request that the detail on the magnetic tapes or in a data file be data-transmitted to the customer. When the recorded customer message details are data-transmitted to a customer **designated premises**, the data transmission charges will be determined **as set forth 8.1.7(D)**. **Such a request must be made according to a mutually agreeable schedule**. When the customer does not wish to receive the recorded customer message details and the Telephone Company receives notice from the customer at least two weeks prior to the date the details would be sent to the customer, the charge as set forth in 8.1.7(C) following does not apply. When the customer does not wish to receive the recorded customer message detail, the terms and conditions will be as set forth in the individual case basis agreement.
- (F) Recorded customer message detail which is used at the request of the customer to provide Message Processing and Bill **Rendering** Service is not retained by the . . . . the data transmission charges are **as set forth 8.1.7(D) following**. Such a request must be made **according to a mutually agreeable schedule** from the date the details were initially made available to the customer.

8.1.3 Liability of the Telephone Company

Notwithstanding 2.1.3 preceding, the Telephone Company liability for Recording Service is as follows:

(A) Customer message data determined to be lost, damaged or destroyed as a result of the recording service shall be recovered if possible by the Telephone Company at no additional charge. In the event the data cannot be recovered, the Telephone Company shall estimate the messages and associated revenue based upon the method described below.

(1) Partial Loss. For reporting purposes only, actual (or estimated) message and minute volumes should be reported to the customer by the Telephone Company where 1% or more of the daily messages/minutes for an entity are not able to be processed due to such things as tape read fails, invalid Entry Codes, wrong record length, and cancelled calls.

(2) Complete Loss. Estimated message and minute volumes should be reported for each loss consisting of such things as an entire tape lost in transit, lost after receipt, degaussed before processing, and received blank or unreadable.

(3) Estimated Volumes. From message and minute volume reports for the entity experiencing the loss, secure message/minute counts for the corresponding days of the four weeks preceding that in which the loss occurred. Compute an average of these volumes. Messages and associated minutes should be separated between Interstate and Intrastate. Apply the appropriate Average Revenue Per Message (ARPM) to the estimated message volume to arrive at the estimated lost revenue, except as set forth in (4) following.

(4) Exceptions to estimated volumes in (3) preceding are:

(a) If the day of loss is not a holiday but one (or more) of the preceding corresponding days is a holiday, use additional preceding weeks in order to procure volumes for four non-holidays.

(b) If the loss occurs on a weekday which is a holiday, except Christmas, use volumes from the four preceding Sundays.

(c) If the loss occurs on Mother's Day or Christmas, use volumes from that day in the preceding year, if available.

- (B) If customer message detail is not available because the . . . . associated revenue **as set forth in (A)**. . . .
- (C) When the Telephone Company is notified that, due to error . . . . Such request to recover the data must be made **according to a mutually agreeable schedule** from the date the details were initially made available to the customer. If the data are not be recovered, the extent of the Telephone Company's liability for damages shall be limited as set forth **above**.
- (D) In the absence of willful misconduct, no liability for damages to the customer or other person or entity other than as set forth **above** shall attach to the Telephone . . . .

8.1.4 Obligations of the Customer

- (A) The customer shall order Recording Service at a **mutually agreed upon date** prior to the date when the customer message detail is to be recorded.
- (B) The customer shall order provision of recorded customer message detail at a **mutually agreed upon date** prior to the date when it wishes to receive the recorded message detail. However, the customer may wish to receive magnetic tapes of the recorded customer message detail or have the recorded detail data-transmitted to a customer premises at some times and not at others. Therefore, change in the provision of recorded customer message detail to the customer will be accommodate provided the customer gives **sufficient** advance written notification to the Telephone Company.

**Appropriate Special Order Requests must be completed before the Telephone Company will consider the ordering of Recording Service to be official.**

8.1.5 Payment Arrangements and Audit Provision

(B) Minimum Period and Minimum Monthly Charge

The minimum period for which Recording Service is provided and for which charges apply is one month for each state in which the service is ordered. . . . provision of customer message detail on magnetic tapes or data files. . . .

(D) Changes to Special Orders

When a customer requests material changes to a pending . . . . of Telephone Company recording locations, provision of data transmission to a customer location of customer recorded message detail, . . . . customer requests to receive Recording Service output at the Telephone Company location instead of **overnight service**. . . .

8.1.6 Rate Regulations

(C) When message detail is entered on a data file or magnetic . . . .

8.1.7 Rate and Charges

The rates and charges are:

	<u>Rates</u>
(A) Recording	
- per customer message	\$ 0.0120
- per Special Order	10.51
(D) Data transmission,	
- per record transmitted	.0070

8.2 Billing Service

The Telephone Company will provide Billing Service in its operating . . . . Telephone Company will process the input records supplied by the customer as set forth in 8.2.1 following.

The Telephone Company will provide Message Billing Service as set forth in 8.2.1.

The Telephone Company will provide Bill Rendering Service only on the . . . .

8.2.1 Message Billing Service

Message Billing service consists of Message Processing Service and Bill Rendering Service. A customer may order Message Processing Service or Bill Rendering Service or both services.

(A) General Description

(1) Message Processing Service

Rating of customer messages is the computing of . . . . for input to Bill Rendering Service, the customer, or other entities.

(2) Bill Rendering Service

Bill Rendering Service is the preparation of bills for . . . . Bill Rendering Service includes message-billed (when . . . . Bulked-billed service is a billing service for an end user account with an access line where individual . . . .

Message-billed service is a billing service for an end user account with an end user common line where individual customer messages are posted to the account and are listed on the bill rendered to the end user.

(B) Undertaking of the Telephone Company

(1) Message Processing Service

(c) A record of customer call details is required to . . . . charges as set forth in (G)(4) following will apply if the customer . . . . The assembling and editing charge, as set forth in 8.2.1(G) following applies in addition . . . .

(h) Where the Telephone Company has rated customer messages . . . . that are data-transmitted to the customer or other Exchange Telephone Companies.

When the customer message details are data-transmitted to the location designated by the customer, the data transmission charges will be determined as [set forth in (G)(4) following. . . .

(j) The rated message detail will be provided on a request by request basis in a format similar to that used by the Telephone Company as input to Bill Rendering Service. All rated customer message detail available . . . .



Unless specified otherwise by the customer, the magnetic tapes will be sent to the customer via **overnight service paid by the customer**. However . . . . the data transmission charges will be determined as **set forth in (G) (4) following**.

(k) If the customer makes a request within 30 days of . . . . the data transmission charges will be determined as **set forth in (G) (4) following**.

(l) Customer messages which the Telephone Company . . . . when the customer orders such service or to **Bill Rendering Service** when the customer orders such service.  
. . . . .

(2) Bill Rendering Service

(a) When **Bill Rendering Service** is ordered by a . . . .

(b) The Telephone Company will provide **Bill Rendering** . . . .

(c) **(DELETED)**

(d) Rated customer messages are required to provide **Bill Rendering Service**. . . . .  
The charges as set forth in **G) (4) following** apply if the customer data-transmits its rated message data to the Telephone Company.

(e) For end user accounts in its operating territory where the customer has ordered **Bill Rendering Service** . . . .

(f) Upon acceptance by the Telephone Company of a Special Order for **Bill Rendering Service** from a customer . . . .

(g) The Telephone Company will provide **Bill Rendering Service** . . . .

(h) The Telephone Company will not provide any information related to **Bill Rendering Service** accounts under this section of the tariff. **Bill Rendering Services** information may be obtained as set forth in 8.4 following.

(i) The Telephone Company will, at the option of the customer, provide message-billed **Bill Rendering Service** with or without inquiry . . . . . When the Telephone Company provides **Bill Rendering Service** without injury . . . . . is provided **Bill Rendering Service** at the same time for the same state operating area.

(k) Rated customer messages input to **Bill Rendering Service** which the Telephone Company cannot bill . . . . .

(3) Message Billing Service Ordering

(a) The Telephone Company will provide Message Billing Services under a Special Order. For all Message Billing Service, other than establishment of or changes to end user account data, establishment of or changes to end user account rate elements and changes to end user balance due . . . .

(C) Liability of the Telephone Company

(1) If **Bill Rendering Service** detail is not available . . . . . the extent of the Telephone Company's liability for damages will be set forth in 8.1.3 preceding. . . . . the detail and the extent of the Telephone Company's liability for damages will be as set forth in 8.1.3 preceding. . . . .

(2) When the Telephone Company is notified that, due to . . . . . shall be limited as set forth in 8.1.3 preceding.

(3) If the Telephone Company finds, or is notified of, an . . . . . limited as set forth in 8.1.3.

(4) In the absence of willful misconduct, no liability . . . . .

(D) Obligations of the Customer

(1) The customer shall order Message Billing Services . . . . . that exist prior to ordering **Bill Rendering Service**.

At the time Message Processing Service and/or Bill Rendering Service is initially ordered, the customer shall order the service for 1 year. Thereafter, upon written notice, additional service may be ordered for additional years at the rates and charges as set forth in (G) following. The customer may order inquiry for a service period that is different from that for Bill Rendering. However, the customer shall not order inquiry unless it also has ordered Bill Rendering Service for the same period and the same state operating area. Not later than three months prior to the end of an order period . . . .

- (2) When Message Processing Service is ordered, the customer shall furnish the Telephone Company, for each state and for each user in the order, an . . . .

In addition, when Bill Rendering Service is ordered . . . .

- (7) When the customer orders message-billed or bulk-billed Bill Rendering Service with inquiry, the . . . .

When the customer orders message-billed or bulk-billed Bill Rendering Service without inquiry . . . .

- (10) (DELETED)

- (11) When the customer furnishes recorded customer detail for Message Processing Service and/or rated customer message detail for Bill Rendering Service . . . .

(E) Payment Arrangements and Audit Provision

- (2) Minimum Period

The minimum period for which Message Billing Service is provided and for which charges apply is one year. If the customer orders Message Processing Service and/or Bill Rendering Service for 1 year. . . . A minimum period of 1 year, as ordered by the customer, applies for each additional period of service ordered.

- (3) (DELETED)

(F) Rate Regulations

(1) The Message Processing and Bill Rendering Service message charges apply during the yearly periods ordered by the customer. The Telephone Company will not initiate rate changes to the Message Processing Service charges as set forth in (G)(1) following or the Bill Rendering Service charges as set forth in (G)(7) following that apply to the customer order during the yearly periods for that specific order. For the purpose of determining the charges applicable to bulk-billed service for Bill Rendering Service, a bulk-billed message is a customer message which is used by the Telephone Company to develop the customer bulk-billed charge.

(2) (DELETED)

(6) When message detail is data-transmitted to or received from a customer location by the Telephone Company, a charge, as set forth in (G)(4) following . . . .

(7) The Message Billing Service Special Order charge applies for each Special Order for Message Processing Service and/or Bill Rendering Service, other than establishment of or changes to end user account data, establishment of or changes to end user account rate elements . . . .

(b) The end user account establishment and change . . . .

In addition, the end user account establishment . . . .

The end user account establishment and change charge applied for each account established, rate element established, account changed, rate element changed and balance due changed.

(9) The rates as set forth in (G)(7) apply for Bill Rendering Service for a customer message-billed service depending on the total (i.e., sum of interstate and intrastate customer messages) number of messages billed for a customer per month. The rate groups are the first 1 to 5,000 messages per month, the next 5,001 to 45,000 messages per month, the next 45,001 to 50,000 messages per month, the next 50,001 to 650,000 messages per month and over 650,000 messages per month.

(10) (DELETED)

(11) The rate for program development is for the use of one hour of one Telephone Company programmer's time as set forth in 8.2.1 (G) following.

(G) Rates and Charges

The rates and charges are:

	<u>Rates</u>
(1) Message Processing Service -per message	\$0.0097
(3) Program Development -per hour (applicable to work performed by Telephone Company)	ICB rates and charges apply
(4) Data transmission -per record transmitted	\$.0070
-per record received	.0070
(6) (DELETED)	
(7) Bill Rendering Service	

	<u>Rates</u>				
	<u>Messages Billed Per Customer</u>				
	<u>Per Month</u>				
	<u>1 to</u> <u>5,000</u>	<u>5,001 to</u> <u>45,000</u>	<u>45,001 to</u> <u>50,000</u>	<u>50,001 to</u> <u>650,000</u>	<u>Over</u> <u>650,000</u>
message-billed processing -per message	\$0.0201	\$0.0196	\$0.0194	\$0.0191	\$0.0186
message-billed inquiry -per message	\$0.0945	\$0.0898	\$0.0452	\$0.0417	\$0.0293

bulk-billed  
processing  
-per Message \$0.0191

bulk-billed  
inquiry  
-per message \$0.0417

- |   | <u>Rates</u> |
|---|--------------|
| (9) Message-Billed Service, in which one or more messages or message service related rate elements are billed,<br>- per bill rendered for an end user account | \$0.55       |
| (10) Bulk-Billed Service, in which a charge associated with a bulk-billed service is billed,<br>- per bill rendered for an end user account                   | 0.55         |
| (12) (DELETED)  |              |
| (13) (DELETED)  |              |

8.2 Billing Service

8.2.2 (DELETED)

8.2.3 Purchase of Accounts Receivable

The Telephone Company will, unless the Telephone Company agrees . . . . when the Telephone Company provides Bill Rendering Service for that customer. After a customer orders Bill Rendering Service . . . .

(B) Recourse Adjustments

(2) Telephone Company and Customer Adjustments

For each bill day, the Telephone Company will subtract . . . . and collected by the Telephone Company pursuant to 8.2.1 preceding. . . . .

(3) Uncollectible Adjustments

(a) To determine the customer uncollectible factor, except for the initial three months that Bill Rendering Services is provided to the customer . . . . This actual uncollectible amount will include . . . . the Telephone Company to determine the realized amount uncollectible for each customer which is provided Bill Rendering Service by the Telephone Company for the most recent 3 month period. . . . .

(b) When a customer orders Bill Rendering Service . . . .

(C) Payments of Net Purchase Amount to the Customer

(2) (a) the highest interest rate (in decimal value) which may be levied by law for commercial transactions in the state in which the Telephone Company provides Bill Rendering Service to the customer, compounded . . . .

(b) 0.000370 per day . . . .

(3) Also, if any adjustment that reduces an end user . . . .

(a) The highest interest rate (in decimal value) which may be levied by law for commercial transactions in the state in which the Telephone Company provides Bill Rendering Service to the customer, compounded . . . .

(b) 0.000370 per day . . . .

8.2.4 Billing Arrangements when the Telephone Company Acts as Billing Agent for the Customer

(A) The billing services, including the collection from end users . . . . users, provided by the Telephone Company will be as set forth in 8.2.1 preceding.

8.3.2. Undertaking of the Telephone Company

(B) (2) The detection service reports as set forth in (1) preceding . . . . sent to the authorized Security representative of the IC via **overnight service paid by the customer.** . . . .

(C) Investigative Service will be provided by authorized Telephone Company Security personnel upon receipt of a Special Order from an authorized Security representative of the IC specifying the line or lines or billing evasion activity (i.e., Message Billing Abuse and/or Network Abuse) to be investigated. The services provided include the provision of an identification report, collection of evidence, provision of a detection, preparation of an affidavit and prosecutive summary, assistance to law enforcement agencies, provision of expert witness analysis and/or testimony, the coordination of billing evasion investigative services and the review of an IC's billing evasion control programs.

(3) (DELETED)

(5) (DELETED)

8.3.4 Obligations of the IC

(E) (DELETED)

(I) (DELETED)

8.3.5 Payment Arrangements

(B) Cancellation of a Special Order

(1) For detection service, the per report charge for each 60-day report ordered.

(2) For investigative service, two times the appropriate hourly charge for the service ordered.

8.3.6 Rate Regulations

(B) (DELETED)

8.3.7 Rate and Charges

The rates are:

	<u>Rates</u>
(A) Detection Service,	
- 60 Day Report per office,	
per report	\$75.00
(B) Investigative Service,	
- Identification Report, per hour	75.00
- Collection of Evidence, per hour	75.00
- Preparation of Affidavit and	
Prosecutive Summary, per hour	75.00
- Assist Law Enforcement, per hour	75.00
- Provision of Expert Witness	
Analysis, per hour	75.00
- Provision of Expert Witness	
Testimony, per hour	75.00
- Coordination services, per hour	75.00
- Review services, per hour	75.00
(C) Deterrence Service,	
- Recovery of devices, per hour	75.00
- Contact and Interview of Parties,	
Per hour	75.00
- Service Review, per hour	75.00
- Publicity Assistance, per	
hour	75.00
(D) Provision of Billing Analysis Service,	
-per Special Order	10.51



## 8.4 Billing Information Service

### 8.4.2 Undertaking of the Telephone Company

(B) Upon request from a customer and when the customer has ordered Message Billing Service Bill Rendering Service, the Telephone Company will provide information from its CRIS records as follows:

(1) (DELETED)

Account detail is data that furnishes the end user name, billing address and billing parameters other than service detail.

Service detail is data associated with the customer's rate elements.

A message end user is an account with customer message or bulk-billed detail (for a bill period), as set forth in (F) following, or established as an end user of the customer's message or bulk-billed services.

Account detail and/or service detail which is confidential . . . .

(C) (DELETED)

(D) (DELETED)

(E) (DELETED)

(F) CRIS information will be provided on a total file and/or file update basis as follows:

(1) The total file basis will permit the customer to receive, at . . . .

Once available, the paper printout, magnetic tape or fiche will be sent to the customer via **overnight service paid by the customer**. . . . . the data transmission charges will be determined **as set forth in 8.4.7(F)** following.

(2) The file update basis will permit the customer to receive . . . .

Once available, the file update paper printout, fiche or magnetic tape will be sent to the customer via **overnight service paid by the customer**. . . . . data transmission charges will be determined **as set forth in 8.4.7(F)**.

(3) The total file output and the file update output will, at . . . . will be sent to the customer via **overnight service paid by the customer**. . . . the data transmission charges will be determined **as set forth in 8.4.7(F)**.

(G) (DELETED)

(I) (DELETED)

(J) Upon request from an authorized supervisor of the customer who . . . .

At the request of the customer, written confirmation of the name and town location will be sent to the authorized supervisor making the request by **overnight service paid by the customer**.

(L) (DELETED)

#### 8.4.4 Obligations of the Customer

(C) The customer shall take every effort to make sure that Billing Information Service output is provided only to authorized . . . .

(D) (DELETED)

(G) (DELETED)

(H) (DELETED)

#### 8.4.5 Payment Arrangements

(A) (DELETED)

(E) (DELETED)

#### 8.4.7 Rates and Charges

The rates and charges are:

(B) (DELETED)

(C) (DELETED)

(D) Program Development charge

- Basic, per hour ICB rates and charges apply  
(applicable to work performed by the Telephone Company)

(F) Data transmission  
-per record transmitted .0070

(G) (DELETED)

9. Directory Assistance Service

9.2 Undertaking of the Telephone Company

(E) (1) General

- Directory Transport between the premise of the ordering customer and the DA Switch location.

(2) Interface Group and Premise Interface Code

Interface Groups 2, 6 and 9 as set forth in 6.1.3(B)(5) . . . .

4DS9-15	6EA2-E	4RV2-0
4DS6-44	6EA2-M	
	4SF3	

Such Premise Interface Codes are described in 6.1.3(B)(5) . . . . a DA Switch location is considered to be a customer end user serving wire center.

(3) Directory Transport

Directory Transport provides the transmission facilities and transport termination between the premises of the ordering customer and the DA Switch locations. . . . .

Directory Transport is a two-way voice frequency transmission path composed of Switched Access Transport facilities as set forth in 6.1.3 preceding. The two-way voice frequency path transports calls in the terminating direction (from the premises of the ordering customer to the DA switch location). The following rate elements, which are more fully described in 6.1.3 preceding, are applicable.

- Entrance Facility for the transport of the DA call from the customer's premises to the serving wire center of that premises over dedicated facilities.
- Direct Trunked Transport for the transport of the DA call from the customer's serving wire center to the DA switch location over dedicated facilities.
- Tandem Switched Transport (i.e., Tandem Switched Transmission, and Tandem Switching) for the transport of the DA call from the customer's serving wire center to the DA switch location with switching at a tandem.

- Interconnection Charge for the Switched Transport costs that are not recovered by the Entrance Facility, Direct Trunked Transport, Tandem Switched Transport, Multiplexing or CCSAC Link and port rates.
- Multiplexing DS3 to DS1 Multiplexing charges apply when a High Capacity DS3 Entrance Facility or Direct Trunked Facility is connected with High Capacity DS1 Direct Trunked Transport. The DS3 to DS1 multiplexer will convert a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.
- DS1 to Voice grade Multiplexing charges apply when a High Capacity DS1 Entrance Facility or Direct Trunked Facility is connected with Voice Grade Direct Trunked Transport. The DS1 to voice multiplexer will convert a 1.544 Mbps channel to 24 Voice Grade channels.

Multiplexing is only available at wire centers identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF FCC NO. 4, WIRE CENTER INFORMATION.

The customer will determine whether the Directory Access Service is to be routed directly to a DA Switch location or through an access tandem switch appropriately equipped for DA measurement and served by DA trunks to the DA Switch location when such an access tandem switch is available. The combination of Feature Group B or D Switched Access Service with DA Service will only be provided at such available and appropriately equipped access tandem switches.

When Directory Transport is provided using a Direct-Trunked Transport to the DA Switch location, no address signaling is provided. When Directory Transport is provided with the use . . . .

- (6) Transmission Specifications  
Directory Access Service is provided with either Type A or B Transmission Specification. The specifications associated with the parameters are guaranteed to the DA Switch location, whether routed directly or via an access tandem. Type B Transmission Specification is provided with Interface Groups 2, 6 and 9 when routed direct to a DA location. Type A Transmission Specification is provided with Interface Groups 2, 6 and 9 when routed via an access tandem switch.

When DA Service is combined with Feature Group D Switched Access Service, Type A Transmission Specification is provided. When DA Service is combined with Feature Group B Switched Access Service, Type B Transmission Specification is provided for Interface Group 2, 6 and 9.

- (7) Acceptance Testing and Testing Capabilities  
The acceptance testing and testing capabilities for Directory Access Service traffic routed through an access tandem are the same as those for the associated Feature Group D end office switching. The acceptance testing for Directory Access Service traffic routed directly to or routed in a separate trunk group through an access tandem to the DA Switch location will be as set forth in 6.1.6 preceding. The testing capabilities for Directory Access Service traffic routed directly to or routed in a separate trunk group through an access tandem to the DA Switch location will be as set forth for cooperative scheduled testing or manual scheduled testing in 13. following.

9.3 Obligations of the Customer

- (A) The customer shall determine and order the trunks and interface type of Directory Access Service it needs for DA Service.

9.4 Payment Arrangements

- (C) (DELETED)

(H) Credit Allowance for DA Service

- (1) When the DA Switch location or DA operator equipment or . . . .

- (3) a) Credit per call when Switched Access Service is billed using Transitional per minute rates \$0.0044

- b) Credit per call when Feature Group A and/or B Switched Access Service is billed using Premium per minute rates 0.0097
- c) Credit per call when Feature Group C and/or D Switched Access Service is billed using Premium per minute rates 0.0097

9.6 Rates and Charges

The rates and charges are:

	<u>Rates</u>
(A) Directory Assistance Service call, each	\$0.2900
(B) Directory Access Service	
- Directory Transport	
The following Switched Transport charges set forth in 6.8.2 preceding are also applicable to Directory Transport Service and will be assessed on the same basis as the Switched Transport rate regulations described in 6.1.3 preceding:	
- Entrance Facility	
- Direct Trunked Transport	
- Multiplexing	

The following Switched Transport charges will be assessed on a per call basis unlike switched transport which is assessed on a minute-of-use basis. However, all other terms and conditions, as set forth in 6.1.3, will apply.

	<u>Rate Per Call</u>
Tandem - Switched Transmission	
Fixed	\$0.0002
Per Mile	0.0001
Tandem - Switching	0.0005
Interconnection Charge	0.0017

10. Federal Government Specialized Service or Arrangements

10.7 Move Charges

When service without a maximum termination liability charge associated with it, as set forth in 10.8.1 and 10.8.2 following is moved to a new location within the same building, or to a different building, all associated nonrecurring charges will apply.

12. Specialized Service Or Arrangements

12.2 Move Charges

- (A) When service without a maximum termination liability charge associated with it is moved to new location within the same building or to a different building, all associated nonrecurring charges will apply.

13. Additional Engineering, Additional Labor and Miscellaneous Services

13.1 Additional Engineering

13.1.1 Charges For Additional Engineering

The charges for additional Engineering are as follows:

<u>Additional Engineering Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
(A) Basic Time, normally scheduled working hours#	AEH	\$66.03	\$54.47
(B) Overtime, outside of normally scheduled working hours#	AEH	66.03	54.47

13.2 Additional Labor

13.2.6 Charges For Additional Labor

The charges for additional labor are as follows:

<u>Additional Labor Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
(A) Installation or Repairs - Overtime, outside of normally scheduled working hours on a scheduled work day#	ALH	\$26.58	\$15.02
- Premium Time, outside of scheduled work day#	ALH	41.58	30.02

<u>Additional Labor Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>First Billable Half Hour or Fraction Thereof</u>	<u>First Additional Half Hour or Fraction Thereof</u>
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(B) Standby by

- Basic time,  
normally scheduled  
working hours#           ALT           None           \$41.58           \$30.02
- Overtime,  
outside of normally  
scheduled working  
hours on a scheduled  
work day#                ALT           None           41.58           30.02
- Premium Time,  
outside of scheduled  
work day#                ALT           None           71.61           60.05

<u>Additional Labor Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
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(C) Testing and Maintenance  
with other Telephone  
Companies or Other Labor

- Basic time,  
normally scheduled  
working hours#            ALK           \$41.58           \$30.02
- Overtime,  
outside of normally  
scheduled working  
hours on a scheduled  
work day#                ALK           56.60           45.04
- Premium Time,  
outside of scheduled  
work day#                ALH           71.61           60.05



13.3 Miscellaneous Services

13.3.1 Maintenance of Service

(C) The charges for Maintenance of Service are as follows:

<u>Maintenance of Service Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
- Basic time, normally scheduled working hours#	MVV	\$41.58	\$30.02
- Overtime, outside of normally scheduled working hours on a scheduled work day#	MVV	56.60	45.04
- Premium Time, outside of scheduled work day#	MVV	71.61	60.05

13.3.4 Standard Jacks - Registration Program

The nonrecurring charges, which include installation, for standard jacks and their typical uses are set forth following:

	<u>USOC</u>	<u>Nonrecurring Charges</u>
(A) <u>Standard Voice Jacks</u>		
(1) Miniature six-position jacks for connection of terminal equip- ment as follows:		
(a) Single line tele- phone set, sur- face or flush mounted.	RJ11C	\$25.79
(b) Single line telephone sets, wall mounted.	RJ11W	24.47
(c) Two-line nonkey telephone sets, surface or flush mounted.	RJ14C	25.79

(d)	Single-line, bridged 4-wire exchange, 2/RT, T1/R1.	RJ1DC	25.79
(e)	Two-line nonkey telephone sets, wall mounted.	RJ14W	25.96
(f)	For Connection of two exchange access lines with a sliding cover for test- ing each line with a standard single line telephone	RJ14X	26.29
(g)	Special single line equipment for use in hospital criti- cal care areas.	RJ17C	NONE
(h)	9DB single line data equipment with mode indi- cation and mode indication common leads. This jack is normally used in association with a series jack.	RJ16X	25.79
(i)	Three-line non- key telephone sets and ancil- lary devices.	RJ25C	32.98
(j)	Single-line non-key telephone and ancillary devices connected directly to central office lines where there is a requirement for make-busy.	RJ18C	32.98
(k)	Single-line, non-key telephone and ancillary devices connected directly to central office lines where there is a require- ment for make-busy; wall mounted.	RJ18W	24.47

- (2) 50 Position Miniature Ribbon for connection of multiline terminating equipment and channel derivation devices as follows:
- (a) For connection to 2-wire tie trunks; E&M type I signaling. (12 line capacity) RJ2EX \$ 98.20
  - (b) For connection to 4-wire tie trunks; E&M type I signalings (8 line capacity) RJ2GX 98.20
  - (c) For connection to 2-wire tie trunks; E&M type II signaling. (8 line capacity) RJ2FX 98.20
  - (d) For connection to 4-wire tie trunks; E&M type II signaling. (6 line capacity) RJ2HX 98.20
  - (e) For connection to off-premises station lines. (25 line capacity) RJ21X 98.20
  - (f) For use with series devices such as toll restrictors. (12 line capacity) RJ71C 102.26
  - (g) For connection of up to 12 lines, bridged 4-wire exchange, 2/RT, T1/R1. RJ2DX 98.20
  - (h) For connection of 2-12 nonkey telephone and ancillary devices connected directly to central office lines where there is a requirement for make-busy. RJ2MB 102.26
- (3) Miniature Eight-Position Jack, four line, non-key telephone sets, for connection to ancillary devices and key telephone systems. RJ61X \$ 32.62

(4)	Series Jack for connection of terminal equipment as follows:		
	(a) Single line alarm reporting devices.	RJ31X	\$ 37.71
(5)	Miniature Eight-Position Series Jack for connection of alarm reporting devices	RJ38X	\$ 37.71
(6)	Weatherproof Jack for use with single line telephone sets used at locations such as boats and marinas.	RJ15C	\$149.90
(B)	<u>Standard Voice Jacks</u>		
(1)	Up to Eight-Miniature, Eight-Position Keyed Jacks, in multiple mounting arrangements. Multiple line bridged tip and ring. Multiple installations of a fixed loss loop (FLL) or programmed (P) types of data equipment.	RJ41M	\$241.55
(2)	Universal Data Jack for use in connecting fixed loss loop (FLL) and programmed (P) types of data equipment. (1 line capacity)	RJ41S	\$ 71.91
(3)	Up to Eight-Miniature, Eight Position Keyed Jacks, in multiple mounting arrangements. Multiple line bridged tip and ring. Multiple installations of programmed (P) types of data equipment.	RJ45M	\$241.55

(4)	Programmed Data Jack for use in connecting Programmed data equipment. (1 line capacity)	RJ45S	\$ 74.87
(5)	Multiple Line Uni- versal Data Jack for use in connecting fixed loss loop (FLL) and programmed (P) types of data equip- ment. This jack will terminate up to eight lines. The selection of this jack requires the use of the equip- ment listed following.	RJ26X	\$429.64
	(a) Multiple Line Uni- versal Data Jack Circuit Cards. For use with RJ26X. One circuit card per circuit required.	RJ26S	37.16
	(b) Multiple Line Universal Data Jack Mounting options. For use with RJ26X. One required per RJ26X.		
	- Wall Mounting with cover.	RJM3X	52.09
	- Rack Mounting (19 inch or 23 inch)	RJM4X	58.02
(6)	50-Position Miniature Ribbon Jack, for programmed types of data equipment. Single or multiple-line bridged tip and ring.	RJ27X	\$93.20
(7)	Minature Eight-Position Keyed Jack for connection of local area data channels and/or Digital Data Access Services.	RJ48S	\$34.40

- (8) Miniature Fifty-Position Ribbon Jack for connection of local area data channels and/or Digital Data Access Services.\* RJ48T \$98.20
- (9) Miniature Eight Position Keyed Modular Jack equipped with make busy leads, tip and ring RJ4MB \$61.25
- (10) Miniature Eight-Position Keyed Jack for Connection of Local Area Data Channels (Providing T-R and T1-R1). JN8 \$34.40  
 • The Telephone Company will wire the lines to the jack in the sequence designated by the customer.
- (C) Standard Digital Jacks
- (1) Miniature Eight-Position Jack for connection of 1.544 Mbps Digital Services. RJ48C 34.40
- (2) Miniature Eight-Position Jack for connection of 1.544 Mbps Digital Services. Tip and Ring T1-R1. Conductors 7 and 8 provide cable shield integrity. Conductors 3 and 6 are reserved for future use. RJ48X 37.71
- (3) 50-Position Miniature Ribbon Jack for connection of 1.544 Mbps Digital Services. Eight tip and ring, eight T1-R1. Conductors 25 and 50 provide cable shield integrity. 16 conductors are reserved for future use. RJ48M 98.20
- (4) 50-Position Miniature Ribbon Jack connecting up to twelve 1.544 Mbps Digital lines. 12 four wire circuits, tip and ring and tip 1/ring 1. RJ48H 98.20

13.3.5 Testing Services

(C) Rates and Charges

(1) Switched Access

(a) Additional Cooperative Acceptance Testing

<u>Testing Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
Basic Time, normally scheduled working hours#	UBCX+	\$41.58	\$30.02
Overtime, outside of normally scheduled working hours on a scheduled work day#	UBCX+	56.60	45.04
Premium Time, outside of scheduled work day#	UBCX+	71.61	60.05

(c) Cooperative Scheduled Testing (CST)

<u>To First Point of Switching</u>	<u>USOC</u>	<u>Monthly Rates</u>
(I) Basic Tests		
1004 Hz Loss Tests performed within a one year period, per test ordered, per transmission path	UBSX+	\$ .95
C-Message Noise Tests performed within a one year period, per test ordered, per transmission path	UBSX+	.87
Return Loss (Balance) Tests performed within a one year period, per test ordered, per transmission path	UBSX+	1.63

(II) Additional Tests

Gain-Slope Tests  
performed within a  
one year period,  
per test ordered,  
per transmission path      UBSX+      1.29

C-Notched Noise Tests  
performed within a  
one year period,  
per test ordered,  
per transmission path      UBSX+      0.87

(III) Example

A customer schedules 6 1004 Hz Loss Tests, 6 C-Message Noise Tests and 4 Return Loss Tests on one trunk for a year. The charges will be computed as follows:

6 x .95 = \$ 5.70  
+6 x .87 = 5.22  
+4 x 1.63 = 6.52  
\$17.44 per month, per trunk

(d) Manual Scheduled Testing (MST)

<u>To First Point</u> <u>of Switching</u>	<u>USOC</u>	<u>Monthly</u> <u>Rates</u>
--	-------------	--------------------------------

(I) Basic Tests

1004 Hz Loss Tests  
performed within a  
one year period,  
per test ordered,  
per transmission path      UBMX+      \$1.43

C-Message Noise Tests  
performed within a  
one year period,  
per test ordered,  
per transmission path      UBMX+      1.27



Return Loss (Balance) Tests performed within a one year period, per test ordered, per transmission path	UBMX+	2.76
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(II) Additional Tests

Gain-Slope Tests performed within a one year period, per test ordered, per transmission path	UBMX+	2.09
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C-Notched Noise Tests performed within a one year period, per test ordered, per transmission path	UBMX+'	1.27
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(III) Example

See (c) (III) preceding.

(e) Nonscheduled Testing (NST)

Automatic Testing:

<u>To First Point of Switching</u>	<u>USOC</u>	<u>Nonrecurring Charges</u>
1004 Hz Loss, per test performed	USCX+	\$27.52
C-Message Noise, per test performed	USCX+	27.52
Return Loss (Balance) per test performed	USCX+	27.52
Gain-Slope per test performed	USCX+	27.52
C-Notched Noise, per test performed	USCX+	27.52

Cooperative Testing:

<u>Testing Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
Basic Time, normally scheduled working hours#	USSX+	\$41.58	\$30.02
Overtime, outside of normally scheduled working hours on a scheduled work day#	USSX+	56.60	45.04
Premium Time, outside of scheduled work day#	USSX+	71.61	60.05

Manual Testing:

<u>Testing Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
Basic Time, normally scheduled working hours#	USMX+	\$41.58	\$30.02
Overtime, outside of normally scheduled working hours on a scheduled work day#	USMX+	56.60	45.04
Premium Time, outside of scheduled work day#	USMX+	71.61	60.05

(2) Special Access

(a) Additional Cooperative Acceptance Testing (ACAT)

<u>Testing Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
Basic Time, normally scheduled working hours#	SNTX+	\$41.58	\$30.02
Overtime, outside of normally scheduled working hours on a scheduled work day#	SNTX+	56.60*	45.04*
Premium Time, outside of scheduled work day#	SNTX+	71.61*	60.05*

(b) Nonscheduled Testing (NST)

<u>Testing Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
Basic Time, normally scheduled working hours#	SNOX+	\$41.58	\$30.02
Overtime, outside of normally scheduled working hours on a scheduled work day#	SNOX+	56.60*	45.04*
Premium Time, outside of scheduled work day#	SNOX+	71.61*	60.05*

13.3.6 Provision of Access Service Billing Information

(A) At the customer's request and at no charge, the customer may choose as the primary billing medium one of the following billing formats: standard paper magnetic tape or electronic data transmission which includes either T-TRAN or Network Data Mover (NDM™).

NDM™ is a trademark of Systems Center, Inc.

- (B) At the option of the customer, and for additional charges, additional copies of the access bill vendor the customer service record will be provided in paper, magnetic tape, microfiche or electronic data transmission formats.
- (D) When magnetic tape is requested as the primary monthly bill, the Telephone Company does not require the customer to return previously supplied tapes.
- (E) When electronic data transmission is requested as the primary monthly bill, the data may be transmitted at 56kbps for customer using T-TRAN, or 300 bps to 1.5 mbps for customer using NDM™. The customer will be responsible for facilities needed from the NDM electronic data transmission. These facilities may be purchased out of the Telephone Company's FCC 35 Access Services Tariff, Section 7.
- (F) Unless otherwise specified by the customer, paper copies, microfiche copies, or magnetic tape will be sent via U.S. Mail service. However, at the customer's request, an alternative method may be negotiated with the Telephone Company.
- (G) The customer may deem it necessary to request the Company to resend the access service billing information. Such a request, when not the result of Telephone Company error, will be subject to the same rates and charges as an original request for copies of access service billing information.

(H) The rates and charges for the provision of Access Service Billing Information include a Nonrecurring Charge and a Monthly Rate and are as follows:

	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>
(1) Provision of additional copies of standard billing detail and/or information in magnetic tape format - per tape	\$47.81	\$ 75.14
(2) Electronic Data Transmission of billing detail to the customer's premises using T-TRAN or NDM™ - per bill transmitted	17.98	\$300.56
(3) Additional copies of the access bill and/or customer service records in microfiche format - per page (or frame)	.0207	\$225.42
(4) Additional copies of the access bill and/or customer service records in standard paper format - per page	.1852	\$ 75.14

16. Alarm Services

16.1 General

16.1.1 Nonrecurring Charges

A. Description of Charges

1. Initial charges associated with the installation of service and facilities. The Initial Charges apply as follows:

a. Per Local Channel

b. Per Channel Option including conditioning, signaling, alternate use arrangements and switching arrangements when installed subsequent to the initial installation of the associated channel. This charge also applies to change from one channel option to another.

2. Premises Charges

a. General

A Premises Visit charge applies when a visit is required by the Telephone Company to perform work necessitated by the customer's request for service as specified below.

b. Application of Premises Visit Charge

(1) A Premises Visit charge applies per customer request for each different building on non-continuous property that is visited on the same date for the same service to connect, move, or change that service.

(2) A Premises Visit charge applies in addition to all other rates and charges for services as specified in this or other applicable tariffs.

(3) Charges for work re-requested that are not provided in this or other applicable tariffs, will be charged on the basis of estimated or actual costs incurred, unless otherwise specified.

c. Non-Application of Premises Visit Charges

(1) Disconnects

(2) For a visit to a customer's premises where a service difficulty or trouble report results from customer-provided equipment or facilities. However, a maintenance of service charge as described in Section 13 applies.

(3) Any Telephone Company-initiated changes.

(4) Convert existing 900 Private Line channel service to a Alarm Series 3000 channel service.

d. Charges

Premises Visit \$58.39

e. **Maintenance and Repair**

- (1) This is the charge in Section 2d, 10c, of the General Exchange Tariff, PSCK No. 3. The rate is as follows:

First fifteen minutes  
or fraction thereof \$31.50

Each additional fifteen  
minutes or fraction  
thereof \$ 9.00

B. Regulations

1. A move of an alarm service to a different building on noncontinuous property is considered a new connection.
2. A change from one type of alarm service to another is considered a new connection.
3. A change from half-duplex to duplex or two-wire to four-wire or vice versa is considered a new connection.

16.1.2 Service Configurations

A. Intraexchange

1. In the normal scope of service, intraexchange special access services furnished within the same central office serving area, one local channel is required to connect the serving central office to the customer premise.
2. When intraexchange special access service is furnished between customer locations in different central office serving areas, interoffice channels are required to connect the serving central offices. The number of inter-office channels required for a single special access service is one less than the total number of serving central offices. Within each central office serving area, one local channel is required to provide connection between the serving central office to the customer premise.

**B. Interexchange**

1. When special access service is furnished between customer locations in different exchange areas, interexchange channels are required to connect the rate centers of the exchange areas. The total number of interexchange channels required for a single special access service is one less than the total number of rate centers. Within each exchange area one local channel is required to connect the serving central office to the customer premise. If the serving central office is different from the rate center central office, an interoffice channel is also required to connect the serving central office and the rate center central office in each such exchange area. In addition, a channel terminal applies per rate center central office for each interexchange channel termination.
2. Each interexchange channel connected to a switching arrangement is considered as a separate channel for which the interexchange mileage is independently computed.

**C. Types of Service Configurations**

1. **Two-Point Service**  
A two-point service connects two customer designated premises, or a customer designated premises and a serving office for a 3000 channel, either on a directly connected basis or through a hub where multiplexing functions are performed.

Example: Alarm Series 3000 Channel point to point service connecting two customer premises via the two customer premises are 10 miles from the customer designated premises.

DIAGRAMS TO BE FURNISHED BY COMPANY.

Applicable rate elements are:  
- Local Channel (two applicable)  
- Channel Mileage (1 section)



## 2. Multipoint Service

Multipoint service connects three or more customer designated premises through a Telephone Company hub provided as multipoint service.

The channel between hubs (i.e., bridging locations) on a multi-point service is a mid-link. There is no limitation on the number of mid-links available with a multipoint service. However, when more than three mid-links in tandem are provided the quality of the overall service may be degraded.

Multipoint service utilizing a customized technical specifications package, in Section 7, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order. When ordering, the customer will specify the desired bridging hub(s). National Exchange Carrier Association Tariff FCC No. 4 identifies serving wire centers, hub locations and the type of bridging functions available.

Applicable Rate Elements are:

- Local Channel  
(One per customer-designated premises)
- Interoffice Channel  
(as applicable between each designated customer premises and the hub, and between hubs).
- Alternate Use Arrangements  
(when applicable).

Example: Alarm Series 3000 Channel multipoint service connecting four customer premises via two customer premises via two customer specified bridging hubs.

DIAGRAMS TO BE FURNISHED BY COMPANY.

- Applicable rate elements are:
- Local Channel (4 applicable)
  - Interoffice Channel (4 section)

**16.1.3 Mileage Measurements**

**A. Interexchange channels for Alarm Series 3000.**

**1. Two-Point Service**

- a. The mileage is the airline distance between the rate centers of the service points. Airline mileages are computed mathematically, employing as a base a vertical (V) and a horizontal (H) coordinate for each rate center, as determined from its latitude and longitude location by use of appropriate map projection equations.
- b. Interexchange channel rates apply for each mile or fraction thereof.

**2. Multi-Point Service**

- a. Each interexchange channel connecting the rate centers of the exchange areas within which service is furnished is considered a separate channel for which airline mileage is independently computed. When the customer specifies the sequence in which rates centers are to be connected, the interexchange channel charges will be determined in that sequence. Otherwise, the interexchange channel charges will be based on whatever combination of airline mileages between rate centers produces the lowest total mileage charge.
- b. The airline distance between each pair of rate centers centers is determined in accordance with 16.1.3.A.1.a, above.

**B. Interoffice Channel for Alarm Series 3000.**

**1. Two-Point Service**

- a. The mileage is the airline distance between the serving central office buildings of the service points. Airline mileages are computed mathematically, employing as a base a vertical (V) and a horizontal (H) coordinate for each rate center, as determined from its latitude and longitude location by use of appropriate map projection equations.
- b. For intraexchange service, rates for interoffice channels are based on the airline mileage between serving central offices; for interexchange service, rates are based on the airline mileage between the serving central office and the rate center central office of the exchange.
- c. Interexchange channel rates apply for each mile or fraction thereof.

**2. Multi-Point Service**

- a. Each interoffice channel connecting serving central offices within an exchange area is considered a separate channel for which airline mileage is independently computed. When the customer specifies the sequence in which serving central offices are to be connected, the interoffice channel charges will be determined in that sequence. Otherwise, the inter-office channel charges will be based on whatever combination or airline distance between serving central office produces the lowest total mileage charge.
- b. The airline distance between each pair of serving central offices is determined in accordance with 16.1.3.B.1.a, above.

**16.1.4 Definitions**

These are definitions in addition to those included in Section 2.6.

#### Central Office Termination

The term "Central Office Termination" as used in connection with special access service denotes that portion of a Central Office Connecting Circuit located in a Telephone Company Central Office which connects such system with either another central office termination, a local channel, an interoffice channel or an interexchange channel.

#### Channel Termination

The term "Channel Terminal" denotes that portion of a special access service required to terminate the interexchange channel.

#### Full-Duplex Service

The term "Full-duplex Service" denotes a service which provides for simultaneous transmission of signals in the same frequency spectrum in both directions.

#### Half-Duplex Service

The term "Half-duplex Service" denotes service which provides for transmission alternately in either direction or for transmission in one direction only.

#### Interexchange Channel

The term "Interexchange Channel" as used in connection with special access services denotes that portion of a through channel which connects different exchange areas in which stations or channel terminations in Telephone Company offices are located.

#### Interexchange Special Access Service

The term "Interexchange Private Line Service" denotes the special access service which connects different exchange areas in which stations or channel terminations in Telephone Company offices are located. This service includes the interexchange channel, channel terminals (interexchange), local channel(s) and/or central office terminations, and as required, interoffice channels.

### Interoffice Channel

The term "Interoffice Channel" denotes that portion of a special access service which connects local channels which serve customers who are served from different central office buildings and, when used as part of an interexchange special access service, to connect an interexchange channel with a local channel(s).

### Intraexchange Channel

The term "Intraexchange Channel" as used in connection with special access services denotes a channel which connects two or more station locations within an exchange area and is not connected to an inter-exchange channel. This service includes local channels and/or central office terminations, and as required, interoffice channels.

### Local Channel

The term "Local Channel" as used in connection with special access service denotes that portion of a special access which connects a station with an interexchange channel or an interoffice channel, or which connects stations which are served from the same central office building.

### Rate Center Central Office

The term "Rate Center Central Office" denotes the central office of a multioffice exchange that most closely identifies with the V and H coordinates used to determine interexchange channel mileage.

## 16.2 Service Description

### 16.2.1 Alarm Service

#### A. Types and Description

##### 1. General

- a. Alarm Series 3000 services are for alarm services only and include voice grade channels for data transmission of approximate bandwidth of 300-3000 Hz for half-duplex or duplex operation. Duplex service is furnished on an entire channel, or on a portion thereof, where facility conditions permit.

- b. Channels are furnished on a two-point or multipoint basis to the extent specified below. The number of stations that may be connected and the distance over satisfactory transmission is possible may be limited by operating and transmission factors.
- c. Conditioning options required to provide certain types of transmission performance on Alarm Series 3000 Channels are specified in Section 3.3.
- d. Alarm Series 3000 Channels may be arranged for alternate use as specified in Section 3.3.

2. Types

- a. With reference to the following descriptions:
  - 1. "Effective two-wire facilities" may be composed of two-wire metallic and/or four-wire metallic and/or carrier segments; "four-wire facilities" are composed entirely of four-wire metallic and/or carrier segments.
  - 2. The 1000 Hz loss objective range specified refers to the total channel offering (end-to-end) and indicates that the engineered objective loss will fall within that range at the discretion of the Telephone Company depending upon available facilities and the applicability of short-haul or long-haul engineering designs. These specifications do not include gains or losses present in customer provided equipment.
  - 3. The Telephone Company reserves the right to revise these objectives and other technical parameters as described herein in accord with FCC Tariff No. 35, Section 7.

- b. Type 3001 - A two-wire interface with effective two-wire facilities or a four-wire interface with four-wire facilities engineered for a 1000 Hz loss objective of 16 Db; half duplex or full duplex operation; for two-point or multipoint service; normally suitable for audio tone protective relaying.
- c. Type 3002 - A two-wire interface with effective two-wire facilities or a four-wire interface with four-wire facilities engineered for a 1000 Hz loss objective of 16 Db; half-duplex or full duplex operation; for two-point or multipoint; normally suitable for data transmission.

### 16.3 Rate Classification and Rates

#### 16.3.1 Types of Regulations and Charges

##### A. Regulations

##### 1. Type 3001

When equipped with Type C6 conditioning as specified in Section 16.1.2 these channels are designed specifically for use as audio tone protective relaying channels. An 8dB option is available subject to local channel restriction.

##### 2. Type 3002

- a. Channels are not suitable for the transmission of direct current pulses.
- b. The number of stations that may be connected and the distance over which satisfactory transmission is possible may be limited by operating and transmission factors.
- c. Type C1 conditioning as described in 16.1.2 is included in the channel charge for alarm series type services 3002 channels.
- d. Channels are not suitable for switching or tandem operations to the public switched network or other special access services.

- e. When used for data transmission, signal conditioning data set equipment is required to condition signals generated by apparatus furnished by the customer to signals suitable for transmission on a channel and to condition signals received from such a channel to signals for delivery to apparatus furnished by the customer. Signal conditioning data sets may be provided by the customer when connected through the local facility provided by the Telephone Company as part of the alarm service.

B. Rates

1. Intraexchange

	<u>Rate</u> <u>Per Month</u>
a. Recurring	
(1) Local Channel, each	
(a) Type 3001	
Half-duplex	\$15.18
Full-duplex	29.50
(b) Type 3002	
Half-duplex	15.18
Full-duplex	32.37
(2) Interoffice Channel, per mile	
(a) Type 3001, 3002	
Half-duplex	
First mile	16.50
Each additional mile	4.66
Full-duplex	
First mile	16.50
Each additional mile	9.26
	<u>Initial</u> <u>Charge</u>
b. Nonrecurring	
(1) Per Local Channel	
(a) Type 3001	
Half-duplex	\$108.91
Full-duplex	124.43
(b) Type 3002	
Half-duplex	108.91
Full-duplex	124.43



## 2. Interexchange

	<u>Rate</u> <u>Per Month</u>
a. Recurring	
(1) Interexchange Channel, per mile	\$ 3.11
(2) Channel Terminal, per terminal	38.81
(3) Local Channel, each	
(a) Type 3001	
Half-duplex	25.47
Full-duplex	30.42
(b) Type 3003	
Half-duplex	31.40
Full-duplex	37.43
(4) Interoffice Channel, per mile	
(a) Type 3001, 3002	
Half-duplex	
First mile	18.63
Each additional mile	7.65
Full-duplex	
First mile	21.74
Each additional mile	9.20
b. Nonrecurring	
(1) Per Local Channel	
(a) Type 3001	
Half-plex	108.91
Full-duplex	124.43
(b) Type 3002	
Half-duplex	108.91
Full-duplex	124.43
3. Removal of Load-Coils and/or Bridge-Tap Per Cable Opening	653.10

### 16.3.3 Conditioning

#### Series 3000

#### 1. Type and Description

Conditioning for channels of voice grade is furnished as follows:

Types C1 - the envelope delay distortion shall not exceed:  
between 1000 and 2400 Hertz, a maximum difference of 1000 microseconds.

- the loss deviation with frequency (from 1000 Hertz reference) shall not exceed:  
between 1000 and 2400 Hertz, -1db to +3db  
between 300 and 3700 Hertz, -2db to +6db (+means more loss)
- Type C2 - the envelope delay distortion shall not exceed:  
between 1000 and 2600 Hertz, a maximum difference of 500 microseconds.  
between 600 and 2600 Hertz, a maximum difference of 1500 microseconds.  
between 500 and 2800 Hertz, a maximum difference of 3000 microseconds.
- the loss deviation with frequency (from 1000 Hertz reference) shall not exceed: between 500 and 2800 Hertz, -1db to +3db between 300 and 3000 Hertz, -2db to +6db (+ means more loss)
- Type C4 - the envelope delay distortion shall not exceed:  
between 1000 and 2600 Hertz, a maximum difference of 300 microseconds.  
between 800 and 2800 Hertz, a maximum difference of 500 microseconds.  
between 600 and 3000 Hertz, a maximum difference of 1500 microseconds.  
between 500 and 3000 Hertz, a maximum difference of 3000 microseconds.
- the loss deviation with frequency (from 1000 Hertz reference) shall not exceed: between 500 and 3000 Hertz, -2db +3db between 300 and 3200 Hertz, -2db to +6db (+ means more loss)

**Type C6 - Audio Tone Protective Relaying Channel Conditioning**

Audio Tone Protective Relaying Channel Conditioning for Type 3001 channels is furnished as follows:

These channels may be one-way, effective two-wire for unidirectional operation or two-way, effective four-wire for bidirectional operation and may be ordered in two-point or multipoint configurations terminating in either Telephone Company provided or customer provided equipment. The standard circuit net loss of a channel is 16 db at 1004 Hz. As an option, however a channel having a net loss of 8 db is available upon customer request subject to the stipulation that the loops in each receive leg of the normally available local loop (including loop loss from the serving central office, high voltage protection transformer loss, circuit termination loss) does not exceed 8 db.

- the envelope delay distortion shall not exceed: 2000 microseconds between 800 and 2600 Hz.
- the loss deviation with frequency (from 1004 Hz reference) shall not exceed: between 300 - 3000 Hertz, -2db to +6db between 500 - 2800 Hertz, -1db to +3db
- the resistance unbalance of the local channel cable pairs will be 1 percent or less.

**Type D1 - High Performance Data Conditioning**

High Performance Data Conditioning for Type 3002 Channel is furnished as follows:

Type 01 - For a two-point channel not arranged for switching  
 -Certain data transmission characteristics necessary for high performance data transmission cannot be assured on all facilities generally available for data transmission. However, Type 3002 voice grade two-point channels may be specially arranged to provided for the following technical parameters at the request of the customer:

- Signal to C-Notched Noise Ratio 2 8db
- Nonlinear distortion:
  - (a) signal to second order distortion 35db
  - (b) signal to third order distortion 40db

When the channel equipped with this conditioning is utilized for voice communications, the Telephone Company does not undertake to represent that the channel will be suitable for such voice transmission.

When, at the request of the customer, a channel is equipped with high performance data conditioning in accordance with the specifications preceding, conditioning charges apply as set forth in 16.3.2C2. following.

2. Rates (Series 3000)

Type C1 conditioning is included in the basic channel charge

	<u>Initial Charge(1)</u>	<u>Rate Per Month</u>
a. Type C2, per point	\$ 54.45	\$10.93
b. Type C4, per point	\$ 54.45	\$13.05
c. Type C6, per point	\$ 54.45	\$20.18
d. Type D1, per channel	\$108.91	\$20.01
On a two-point channel not arranged for switching		

(1) This Initial Charge applies only when conditioning is added or changed subsequent to the initial installation of the associated channel.

16.4 Special Exchange Area

A. A special exchange area established for the administration of channel charges is as follows:

Special Cincinnati Exchange area

Includes the Cincinnati Exchange, also the Kentucky Metropolitan Exchange, the latter Exchange being located in Kentucky.

**CABLE TELEVISION POLE ATTACHMENT TARIFF  
PSC# NO. 1**

**REGULATIONS AND RATES AND CHARGES**

Applying to **Cable Television Pole Attachments** within the operating territory of Cincinnati Bell Telephone Company in the State of Kentucky.

1. APPLICATION OF TARIFF

- 1.1 This Tariff contains the rates, terms and conditions (regulations and rates) applicable to **Cable Television Pole Attachments** granted to addressee by Cincinnati Bell Telephone Company, hereinafter referred to as the Telephone Company.

INDEX

2.6 Make-Ready Requirements

2.6.1 Pole

2.7 Inspection of Pole Attachments

3. Rates and Charges

3.1 Pole Attachment

CATV (DELETED)

GUY STRAND (DELETED)

3. RATES AND CHARGES

3.1 Pole Attachment

3.1.2 Rates

(A) Pole Attachment

(1) Per Pole Attachment

(a) Two-User Attachment

(b) Three-User Attachment

Annual

\$ 9.34

5.59

Effective May 23, 1996:

Rates

(A) Pole Attachment

(1) Per Pole Attachment

(a) Two-User Attachment

(b) Three-User Attachment

Annual

\$11.21

6.71

Effective May 23, 1997:

Rates

(A) Pole Attachment

(1) Per Pole Attachment

(a) Two-User Attachment

(b) Three-User Attachment

Annual

\$13.45

8.05

GENERAL EXCHANGE TARIFF  
PSCK No. 3

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CONNECTION WITH CERTAIN CUSTOMER-OWNED FACILITIES

E. CONNECTION WITH CUSTOMER-PROVIDED TERMINAL EQUIPMENT EMPLOYED FOR PUBLIC ANNOUNCEMENT SERVICE

4. Rates

a. When Customer-Provided Terminal equipment employed for Public. . . .

(2) Network Surcharge (Note 1)  
(per Public Announcement  
Service Access Line)

\$9.36 SUR

Note 1: Network Surcharge does not apply where the customer subscribes to not more than five Public Announcement Service Access Lines.

DIRECTORY LISTINGS

B. PRIMARY LISTINGS

7. Rates and Charges

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Primary Listing, each			
Residence	\$12.37	- (1)	
Nonresidence	12.37	- (1)	
Mobile Telephone	12.37	- (1)	
Extra line matter furnished as part of a primary listing, per line			
Residence	12.37	\$1.47	XLL
Nonresidence	12.37	1.47	XLL

C. ADDITIONAL LISTINGS

1. Regular Additional Listings

b. Rates and Charges

(1) Regular additional listing, each

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Nonresidence Listing	\$12.37	\$3.00	CLT
Residence Listing	12.37	1.47	RLT
Mobile Telephone	12.37	3.00	MSZ
Cellular Telephone	12.37	3.00	CLH
Pager	12.37	3.00	PS6
Voice Messaging	12.37	3.00	VS5

(2) Extra line matter furnished as a part of regular additional listing at the request of the customer per line:

	<u>Monthly Rate</u>	<u>USOC</u>
Nonresidence	\$1.47	Y6V
Residence	1.47	Y6V

2. Alternate Listings

b. Rates and Charges

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Alternate listings, per line			
Residence	\$12.37	\$1.47	FNA, LLT, NSH
Nonresidence	12.37	1.47	FNA, LLT, NSH
Mobile Telephone	12.37	1.47	FNA, LLT, NSH
Cellular Telephone	12.37	1.47	FNA, LLT, NSH
Pager	12.37	1.47	FNA, LLT, NSH
Voice Messaging	12.37	1.47	FNA, LLT, NSH

D. NON-PUBLISHED SERVICE

3. Rates and Charges

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
a. Non-Published Service, each			
Nonresidence	\$12.37	\$1.96	NPU
Residence	12.37	1.96	NPU

E. NON-ADDRESS SERVICE

3. Rates and Charges

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Non-Address Service, each	\$12.37	\$1.04	NP4



F. SECRETARIAL LISTINGS  
 2. Rates and Charges

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
a. Secretarial Listing, each	\$12.37	\$3.00	9FK
b. Extra line matter, per line (Note)	-	1.47	Y6V

Note: Furnished as a part of the secretarial listing at the request of the customer.

G. ON-LINE LISTING INFORMATION (OLLI)  
 3. Rates and Charges

	<u>Charges</u>
a. Service establishment and initial user identification number	\$163.50
b. Subsequent user identification number and/or change initial and/or subsequent user identification number, each number	54.50
	<u>Monthly Rates</u>
c. System access, per access minute or fraction thereof (Note)	\$0.2783

FOREIGN EXCHANGE SERVICE AND FOREIGN CENTRAL OFFICE SERVICE

A. FOREIGN EXCHANGE (FX) SERVICE  
 2. Normal and Foreign Exchanges Contiguous  
 c. Foreign Exchange Mileage Charge

	<u>Rate Per Month</u>	
	<u>Per 1/4 Mile or Fraction</u>	<u>Minimum Charge</u>
Individual line or trunk line, each exchange access line	\$2.80	\$5.60
Two-party, each exchange access line	2.18	4.36

3. Rates  
 c. Monthly Rates

	<u>Rate Per Month</u>
(1) Two Interoffice Mileage Charges - Fixed plus Per Mile Charges (See PSCK Access Service Tariff)	
(2) For the interexchange channel between the rate center in the foreign exchange and the rate center in the normal exchange, per airline mile or fraction thereof (See Note)	\$ 3.42
(2) Channel Terminal (See Note) (Applied per rate center central office, per interexchange channel termination.)	43.09
(3) Channel charges between the rate center central office in the normal exchange and the customer's location are the sum of the following as applicable	

- |   |       |
|---|-------|
| (a) A Foreign Exchange terminal where the customer's location is in Cincinnati Bell territory (See Note)  | 25.67 |
| (b) Where the customer's location is outside of the rate center central office area:<br>Interoffice channel to connect the rate center central office to the serving central office |       |
| 1st Mile (See Note)   | 26.60 |
| Each additional mile (See Note)   | 5.24  |

Note: Grandfathered billing arrangement - No new customers as of May 23, 1995 and withdrawn as of May 5, 1997, in accordance with Case No. 94-355, issued by the Public Service Commission of Kentucky. New customers must order service out of PSCK Access Service Tariff. Customers with existing services will be able to maintain those services under the existing billing arrangement until May 5, 1997.

- |   |                       |
|---|-----------------------|
| d. Non-recurring charges                              | <u>Initial Charge</u> |
| (1) For the interexchange channel, per the first mile |                       |
| Complex Services                                      | \$98.20               |
| Non-Complex Services                                  | 98.20                 |
| (2) For the foreign exchange terminal                 |                       |
| Complex Services                                      | 98.20                 |
| Non-Complex Services                                  | 89.39                 |

B. FOREIGN CENTRAL OFFICE SERVICE

2. Rates and Charges

The rates and charges for the foreign central office service will be the monthly rate and initial charge for the class of exchange service furnished plus the rates and charges specified in a., b. and c. following.

- |   |                                  |
|---|----------------------------------|
|   | <u>Rate per Month</u>            |
| a. One Interoffice Mileage Charge - Fixed Plus Per Mile Charges   | (See PSCK Access Service Tariff) |
| b. Interoffice Channel Facilities (See Note)  |                                  |
| - Foreign Central Office Terminal<br>(Applies for the termination of an interoffice channel in the central office which serves the customer premises) | \$16.48                          |
| - Interoffice Channel<br>1st airline mile   | \$26.84                          |
| Each additional airline mile of fraction thereof  | 2.88                             |
|   | <u>Initial Charge</u>            |

- c. Nonrecurring Charges (See note)
  - For the foreign central office terminal \$89.39
  - Premises charges as specified in the Private Line Tariff apply
  - A move of a foreign central office service to a noncontinuous property is considered a new installation.

CHANNEL SERVICES

A. General

- 3. Where applicable, interexchange channel rates for these channels are specified in Section 9 of this tariff or in the Private Line Tariff. New services must be ordered from the PSCK Access Service Tariff.
- 5. When miscellaneous equipment and/or intercommunicating lines which are associated with Exchange Service are furnished within the same building or on the same continuous property, the regulations as specified in paragraph C.1. following, apply. When the same equipment and/or intercommunicating lines are extended to non-continuous property, channel rates as described in the PSCK Access Service Tariff apply.
- 5. Miscellaneous Equipment and intercommunicating Lines
  - a. Miscellaneous equipment includes auxiliary signals (including extension bells and gongs), code call signals, push button and signals, and telephone equipment features (including hold an illumination). A channel termination as described in the Private line Tariff is required to extend these services to non-continuous property.
  - b. A Type 2001 channel as described in PSCK Access Service Tariff is required to extend intercommunicating lines to non-continuous property.

C. Regulations

- 5. Type 2043
  - b. Regulations applicable to the connection of patron's service to concentrator equipment are specified under 4. b. above.

D. Rates

		<u>Rate Per Month</u>
1.	Recurring	
a.	One Channel Termination and Interoffice Mileage - Fixed Plus Per Mile Charges, as applicable	(See PSCK Access Service Tariff)
b.	Local Channel, each (See Note)	
	(1) Type 2001A	\$12.44
	(2) Type 2001B	13.53
	(3) Type 2040	12.44
	(4) Type 2043	12.44
c.	Concentrator Terminal, each (See Note)	
	(1) Type 2041	4.93
d.	Interoffice Channel, per mile (See Note)	
	(1) Type 2001A, 2040, 2041, and 2043	
	First mile	11.25
	Each additional mile	4.72
	(2) Type 2001B	
	First mile	17.94
	Each additional mile	6.33

e.	Signaling Options for use with Type 2001B, per circuit (See Note)	
	(1) Type A	15.14
	(2) Type B	9.49
	(3) Type C	1.14
2.	Nonrecurring (See Note)	
		<u>Initial Charge</u>
a.	Per Local Channel	
	(1) Type 2001A	
	Non-complex	\$56.05
	Complex	84.15
	(2) Type 2001B	84.15
	(3) Type 2040	
	Non-Complex	56.05
	Complex	84.15
	(4) Type 2043	
	Non-Complex	56.05
	Complex	84.15
b.	Per Concentrator Terminal Type 2041	\$ 17.58
c.	Per Signaling Option for Use with Type 2001B	
	(1) Type A	\$168.25
	(2) Type B	168.25
	(3) Type C	168.25

MISCELLANEOUS AND SUPPLEMENTAL EQUIPMENT AND SERVICES

RESERVED

B. Multiline PLUS (MLP) (Deleted)

GG. MAKE BUSY OR BREAK HUNT

5. The following rates and charges apply in addition to the rates and charges applicable to any other service or equipment:

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
a.	Make Busy (Note 1)		
	First line	\$ 30.50	\$ 11.75 99N11
	Each additional line (Note 2)	2.50	4.55 99N12
b.	Break Hunt (Note 1)		
	First line	30.50	11.75 93B11
	Each additional line	2.50	4.55 93B12

- NOTES:
1. Rates and charges for the Series 900, Type 901 channel between the serving central office and the customer control location are as specified in the Private line Tariff PSCK No. 4. The Private Line Tariff will be "GRANDFATHERED" as of November 23, 1994 and withdrawn as of May 5, 1997 in accordance with Case no. 94-355, issued by the Public Service Commission of Kentucky. Customers with existing services will be able to maintain those services under the existing billing arrangement until May 5, 1997. New customers must order service out of PSCK Access Service Tariff.
  2. For subsequent installations, a \$20.00 minimum initial charge will apply for the first line of a group being added.

PRIVATE BRANCH EXCHANGE SERVICE

B. RATES FOR STANDARD EQUIPMENT

4. Direct Inward Dialing (DID) To Switching Systems Located on Customer Premises

- (b) The following rates and charges apply in addition to the rates and charges applicable to any other service or equipment which this service is associated, e.g. trunk line rate:

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
DID service for:			
1. First 100 DID numbers	\$ 41.38	\$309.54	NDS
2. Each additional 100 DID numbers	41.38	61.86	NDA
3. Each group of 20 DID numbers (Note)	207.40	4.15	ND4
4. DID Trunk Termination in central office, each in addition to the Exchange Rate Tariff trunk line	140.00	40.44	NDT

5. Identified-Outward-Dialing (IOD) From Switching Systems Located on Customer Premises

- b. The following rates and charges apply in addition to the rates and charges applicable to any other service or equipment with which this service is associated:

	<u>Basic Initial Charge</u>	<u>Monthly Rate</u>	<u>Termination Charge</u>	<u>USOC</u>
IOD service for:				
1. First 10 trunk lines in a group, including data link (minimum charge is for 10 trunk lines)	\$165.45	\$330.91	\$10,721.38	NDK
2. Eleventh trunk line, and each subsequent trunk line in a group, per trunk line	19.60	15.76	\$10.33	NDM

C. NIGHT, SUNDAY, AND HOLIDAY SERVICE

Arrangements to provide central office service for PBX service lines during periods when the switchboard is not attended, are furnished at the following rates:

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
<u>Alternate Listings</u>			
Facilities required to provide connection to an alternate number (In addition to regular charges for alternate listings shown in Section 6 of this tariff.)	\$ 2.59	\$ 7.47	NCB

D. SPECIAL SERVICE ARRANGEMENTS

1. Secretarial Switchboards

b. Concentrator-Identifier Equipment (Note 1)

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Basic Termination Charge*</u>	<u>USOC</u>
Concentrator	\$2,417.97			
Up to 50 lines connected		\$171.62	-	SNU++
51 to 60 lines connected		35.10	-	SNU++
61 to 80 lines connected		35.10	-	SNU++
81 to 100 lines connected		35.10	-	SNU++
Identifier	1,553.43		\$4,053.14*	
Up to 50 lines connected		114.33	-	SNV
51 to 60 lines connected		25.46	-	SNV
61 to 80 lines connected		25.46	-	SNV
81 to 100 lines connected		25.46	-	SNV

Additional 2 trunks (Note 2)

Concentrator, each	587.56	44.54	-	ZX111
Identifier, each	263.40	29.76	772.77*	ZX115

- Notes: (1) Manufacture Discontinued. No new installations will be made.  
 (2) For each talking trunk between the concentrator and identified, rates and charges apply as specified in Section 13 of this tariff for Type 2043 channels.  
 (3) The monthly rates shown are incremental up to the number of lines connected. For example, the total monthly rate of 75 lines would include the rates for the two lower quantity bands as well as the rate shown for 61-80 lines connected.

E. MUNICIPAL REPORTING SERVICE

3. The following rates and charges apply in addition to the rates and charges applicable to any other service or equipment with which this service is associated:

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
g. Call Box Reporting Feature			
Mileage			
Within the corporate limits of the municipality	\$ 3.33	\$1.33 per 1/4 airline mile or fraction thereof, between PBX and call box	1LVBY

PUBLIC AND SEMI-PUBLIC SERVICE

B. RATES AND CHARGES

1. Public and Semi-Public Service
- a. Local and toll messages from public and semi-public service are charged for as follows:
- (1) Local Messages
- (b) Whenever the assistance of a live or automated Telephone Company operator is required because of the calling party's request for special billing of the local message charge, an additional charge of \$1.00 will be added to the local message charge (except for an inmate service call).
- (c) Whenever the assistance of a Telephone Company operator is required because of the calling party's request for special billing of the local message charge for an inmate service call, such local message charge is \$1.50.
2. Access Line Service for Customer-Provided Public Telephones
- d. Calls to Directory Assistance will be charged to the customer of customer-provided public telephone access line service at the rates set forth in Section 30 of this tariff for nonresidence service.
- h. The party using customer-provided public telephone access line service will be responsible for all operator assisted calling services utilized, including the charges associated with operator completion of local calls and setting up special billing arrangements.

CENTREX SERVICE

C. RATES AND CHARGES

- 2. Centrex System Lines
  - a. Centrex Type I

	<u>Exchange Access</u>			
	<u>Initial</u>	<u>Monthly Rate, Per Line</u>		
	<u>Charge</u>	<u>Schedule I</u>	<u>Schedule II</u>	<u>USOC</u>

- (3) Primary location--when switching equipment is located on the Telephone Company premises:

- (a) Centrex service lines

First 100, each	--	\$8.67	6.52	RXR
Next 100, each	--	8.67	6.52	RXR
Next 700, each	--	7.04	5.16	RXR
Over 900, each	--	4.25	3.08	RXR

<u>Intercommunication</u>				
<u>Rate, Per Line, Schedules</u>				
<u>I &amp; II</u>				

	<u>Initial</u>	<u>Monthly</u>	<u>Monthly, Variable</u>	
	<u>Charge</u>	<u>Term Option, 24</u>	<u>Months</u>	<u>USOC</u>
First 100, each	\$12.96	\$18.51	\$18.51	RXR
Next 100, each	12.96	9.75	9.75	RXR
Next 700, each	12.96	6.43	6.43	RXR
Over 900, each	12.96	6.33	6.33	RXR

- (b) Restricted Service line, each

	12.96	6.22	6.22	RX5
--	-------	------	------	-----

	<u>Exchange Access</u>			
	<u>Initial</u>	<u>Monthly Rate, Per Line</u>		
	<u>Charge</u>	<u>Schedule I</u>	<u>Schedule II</u>	<u>USOC</u>

- (4) Secondary location--when switching equipment is located on the Telephone Company premises:

- (a) Centrex Service lines

First 50, each	--	\$8.60	\$6.27	RX3
Next 250, each	--	8.60	6.27	RX3
Next 600, each	--	7.04	5.16	RX3
Over 900, each	--	4.25	3.08	RX3



<u>Intercommunication</u>				
<u>Rate, Per Line, Schedules</u>				
<u>I &amp; II</u>				
	<u>Initial Charge</u>	<u>Monthly</u>	<u>Monthly, Variable Term Option, 24 Months</u>	<u>USOC</u>
First 50, each	\$12.96	\$14.00	\$14.00	RX3
Next 250, each	12.96	11.93	11.93	RX3
Next 600, each	12.96	7.26	7.26	RX3
Over 900, each	12.96	6.74	6.74	RX3

(b) Restricted Service line, each	12.96	6.22	6.22	RX6
-----------------------------------	-------	------	------	-----

b. Centrex Type II

<u>Exchange Access</u>				
<u>Initial Charge</u>	<u>Monthly Rate, Per Line</u>	<u>Schedule I</u>	<u>Schedule II</u>	<u>USOC</u>

(3) Primary location--when switching equipment is located on the Telephone Company premises:

(a) Centrex service lines

First 100, each	--	\$8.67	6.52	RXR
Next 100, each	--	8.67	6.52	RXR
Next 700, each	--	7.04	5.16	RXR
Over 900, each	--	4.25	3.08	RXR

<u>Intercommunication</u>				
<u>Rate, Per Line, Schedules</u>				
<u>I &amp; II</u>				
	<u>Initial Charge</u>	<u>Monthly</u>	<u>Monthly, Variable Term Option, 24 Months</u>	<u>USOC</u>
First 100, each	\$12.96	\$19.50	\$19.50	RXR
Next 100, each	12.96	10.47	10.47	RXR
Next 700, each	12.96	7.26	7.26	RXR
Over 900, each	12.96	7.10	7.10	RXR
(b) Restricted Service line, each	12.96	6.22	6.22	RX5

Note: 1. Whenever the customer subscribes to less than 100 Centrex service lines at the primary location, a Common Equipment charge of \$73.92 per month or monthly, Variable Term Option, 24 months is applicable. The customer is entitled to any lower rate available under alternate calculations of this tariff. That is billing may be for 100 Centrex service lines without application of the \$73.92 Common Equipment charge, or for the actual number of Centrex service lines provided plus, if applicable, the Common Equipment charge, whichever is less, regardless of the actual number of Centrex service lines furnished.

Exchange Access  
Initial Monthly Rate, Per Line  
Charge Schedule I Schedule II USOC

(4) Secondary location--when switching equipment is located on the Telephone Company premises: (Note)

(a) Centrex service lines

First 50, each	--	\$8.60	6.27	RX3
Next 250, each	--	8.60	6.27	RX3
Next 600, each	--	7.04	5.16	RX3
Over 900, each	--	4.25	3.08	RX3

Intercommunication  
Rate, Per Line, Schedules  
I & II

	<u>Initial Charge</u>	<u>Monthly</u>	<u>Monthly, Variable Term Option, 24 Months</u>	<u>USOC</u>
First 50, each	\$12.96	\$15.30	\$15.30	RX3
Next 250, each	12.96	13.12	13.12	RX3
Next 600, each	12.96	8.09	8.09	RX3
Over 900, each	12.96	7.57	7.57	RX3

(b) Restricted Service line, each

12.96	6.22	6.22	RX6
-------	------	------	-----

c. Primary Location

(2) Calculation of Charges

(b) Where the primary location is not in a base rate area, but is within the central office area of its serving central office, a rate area differential charge applies as follows:

	<u>Month</u>	<u>Rate area differential per Month, Variable Term Option, 24 Months</u>	<u>USOC</u>
Where the primary location is served by switching equipment located on Telephone Company premises, each Centrex or restricted service lines:			
Locality rate area	\$1.71	\$1.71	ZX123
Rural rate area	1.71	1.71	

d. Primary Location

(3) Calculation of Charges

(b) Where the secondary location is not in a base rate area, but is within the central office area of the primary location's serving central office a rate area differential charge applies as follows:

	<u>Month</u>	<u>Rate area differential per Month, Variable Term Option, 24 Months</u>	<u>USOC</u>
Where the secondary location is served by switching equipment located on Telephone Company premises, each Centrex or restricted service line:			
Locality rate area	\$1.71	\$1.71	ZX123
Rural rate area	1.71	1.71	

4. Channels

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Monthly Rate, Variable Term Option, 24 Months</u>	<u>USOC</u>
Between locations in contiguous central office areas and in the same local service area				
Additional station lines, each	(1)	(1)		
Other, each	\$15.56	\$20.79	\$20.79	1LTFN

(1) A type 2001A channel for Centrex CO as provided in Section 13 of this tariff applies. (Grandfathered, see note at Page 35). A 2-wire Voice Grade circuit for Centrex CO as provided in the PSCK Access Service Tariff applies.

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Monthly Rate, Variable Term Option, 24 Months</u>	<u>USOC</u>
Between locations in noncontiguous central office areas which are within the Special Cincinnati Exchange				
Are shown below				
Additional station lines, each	(1)	(1)		
Other, each	\$15.56	\$62.48	\$62.48	1LTFP

5. Tie lines, both intraexchange and interexchange, are available at applicable.....

	<u>Service Establishment Charge</u>	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Monthly Rate, Variable Term Option, 24 Months</u>	<u>USOC</u>
a. Dial type tie line terminal with of without attendant access each	--	\$134.81	\$ 32.30	\$ 32.40	JRY, EHT
b. Dial type tie line terminal with attendant access but without station dial access, each	--	134.81	32.30	32.30	RN, EHZ
c. Electronic tandem switching (ETS) type tie line termination, each (Note 1)	--	72.59	61.86	61.86	ETX
d. Dial service charge for interexchange private line service Type 2001 Channel, each service (Note 2) (Grandfathered, See Notice Page 36)	--	134.81	32.30	32.30	O2D
e. Dial service charge for enhanced private switched communication service channel. Type A, each service (Note 2)	--	134.81	32.30	32.30	O2D
f. Dial service charge for Other Common Carrier (OCC) facility which is functionally equivalent to a Type 2001 Channel, each service (Note 2)	--	134.80	32.30	32.30	O2D
g. Common Control Switching Arrangement (CCSA) access line termination, each	--	134.81	32.30	32.30	901

	<u>Service Establishment Charge</u>	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Monthly Rate, Variable Term Option, 24 Months</u>	<u>USOC</u>
h. Advanced private line terminal, each (Note 3)	\$259.25	\$ 67.41	\$123.20	\$123.20	PLS
i. Manual type, each	--	72.59	10.73	10.73	YD4, TLP
j. Exchange access, per tie line terminal, terminating arrangement, dial service charge, access line, or facility terminated					
(1) Schedule I, flat rate			28.90	7BN	
(2) Schedule II, flat rate			20.08	7BN	

9. Toll Restriction

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Monthly Rate, Variable Term Option, 24 Months</u>	<u>USOC</u>
Common equipment, per switching location	\$2.59	\$59.26	\$59.26	RJP
Toll restriction feature, per Centrex service line equipped	2.59	.31	.31	RXL

10. TOUCH-TONE\* Calling Service

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Monthly Rate, Variable Term Option, 24 Months</u>	<u>Basic Termination Charge</u>	<u>USOC</u>
(a) Common Equipment (including first attendant position), per switching location	\$165.92	\$161.77	\$161.77	\$1,576.24	TTN, TJA

(b)	Special Service Line Conversion Equipment, per switching location	165.92	97.06	97.06	2,099.93	TBN
	per line equipped	-	10.58	10.58	-	TCZ
(c)	Reserved					
(d)	TOUCH-TONE Centrex system line, each	-	.52	.52	-	TDN

F. TERMINATION CHARGES

2. Termination charges apply as follows:

e. Changing Centrex Type I to Centrex Type II, and Vice Versa

(3) When changing from Centrex Type I to Centrex Type II and vice versa, an initial charge of \$36.30 applies for such change.

Note: The Private Line Tariff will be "GRANDFATHERED" as of May 23, 1995 and withdrawn as of May 5, 1997, in accordance with Case No. 94-355 issued by the Public Service Commission of Kentucky. Customers with existing services will be able to maintain those services under the existing rate structure until May 5, 1997. This order allows customers to remove legs from multipoint circuits, but additions and other modifications will not be permitted. New services, and additions or modifications to existing local private line services, must be ordered from the PSCK Access Service Tariff.

TOUCH-TONE CALLING SERVICE

B. RATES AND CHARGES

1. The rates and charges shown below apply in addition to all rates and charges applicable to the equipment, service, and facilities furnished in connection with Touch-Tone Calling Service.

a. Individual (Note 1) lines, per line equipped:

	<u>Initial Charge#</u>	<u>Monthly Rate</u>	<u>USOC</u>
Nonresidence service	\$ 6.00	\$ 1.88	TTB, TTBNF
Residence service	6.00	.92	TTR, TTRNF

b. Wide Area Telecommunications Service (WATS) access line (Note 2)

	6.00	1.88	TTB, TTBNF
--	------	------	------------

c. Semi-Public service

	6.00	1.88	TTB, TTPNF
--	------	------	------------

d. Trunk line, hospital trunk line or hotel trunk line, per line equipped

	6.00	6.08	TJB
--	------	------	-----

ESSX-1 SERVICE

B. REGULATIONS

15. The number of simultaneous exchange and long distance message network calls to an from an ESSX-1 system is limited by the number of network access registers subscribed to by the customer. Each network access register may be provided either for two-way, one-way incoming, or one-way outgoing operation depending upon the option of the customer at the time the network access register is installed. When a change in the type of operation is requested by the customer, an Initial Charge of \$12.96 applies per network access register affected.

C. RATES AND CHARGES

Service Establishment Charge \$4459.10

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Monthly Rate, Variable Term Option, 24 Months</u>	<u>USOC</u>
1. Common Equipment (one required per system), each	\$829.60	\$ 15.40	\$ 15.40	ESS
3. ESSX-1 Service line, each				
a. General	6.22	8.66	8.66	
--Nonrestricted				EXM
--Restricted (Inter-communicating only)				ENE
b. Hotel-Motel Guest	6.22	6.48	6.48	ENF
4. Station Circuits, each				
b. Beyond Base Serving Area				
(1) Within the serving central office area				
Zone A--beyond the base serving area, for the next 1 1/4 airline miles, per 1/4 airline mile or fraction thereof	1.04	1.24	1.24	LVBR
Zone B--beyond Zone A, for the next 1 1/2 airline miles, and in addition to the Zone A charges, per 1/4 airline mile or fraction thereof	1.04	3.68	3.68	1LVBR

Zone C--beyond Zone B  
and in addition to the  
charges for Zone A and  
B, per 1/4 airline mile  
or fraction thereof

1.04            4.36            4.36

6. Attendant Positions

(4) Attendant Access Line Common Equipment, per attendant access line terminated on a key or in a non-key telephone	6.22	42.62	42.62	EAO
(6) Night (NITE) Service, per system	191.85	2.85	2.85	CXX

d. Attendant Console

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Monthly Rate, Variable Term Option, 24 Months</u>	<u>USOC</u>
(2) Circuit Group Busy Indication				
(a) Common Equipment per Circuit Group	\$191.85	\$ 11.51	\$ 11.51	EAX
(3) Position Busy, per Console	191.85	2.85	2.85	CXJ
(4) Fixed Night (NITE) Service, per System	191.88	2.85	2.85	CXX
Service Establish- ment <u>Charge</u>	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Monthly Rate, Variable Term Option, 24 Months</u>	<u>USOC</u>

7. Terminating  
Arrangements

a. CCSA access line terminal, each,	\$189.77	\$ 88.97	\$ 88.97	ESO
b. FX termination, each	248.88	58.85	58.85	ESQ
c. Incoming WATS terminal, each,	None	None		TCR
d. Loudspeaker paging				
(1) Terminal, each (Note 3)	248.88	55.06	55.06	ELP
(2) Answer position, each	26.96	10.84	10.84	ELA



e.	Outgoing WATS terminal, each.	108.89	7.83	7.83	ES2
f.	Recorded telephone dictation terminal				
	(1) Rotary dial, each	248.88	55.06	55.06	EDR
	(2) TOUCH-TONE or rotary dial, each	248.88	82.13	82.13	EDN
g.	Tie line terminations				
	(1) Advanced private line terminal, each (Note 14)	\$259.25	67.41	123.20	123.20 PLS
	(2) ETS tie line terminal, each (Note 12)	--	108.89	59.89	59.89 ETX
	(3) Tandem tie line terminal, each	--	248.88	105.36	105.36 ETM
	(4) Tie line terminal each (Note 11)	--	248.88	57.61	57.61 ESJ
h.	Code calling, per customer premises location (Note 3)	--	248.88	106.86	106.86 PLC
8.	Toll Diversion, per ESSX-1 service line arranged			.26	.26 ETA
9.	Toll Restriction, per ESSX-1 service line arranged			.26	.26 ETB
10.	TOUCH-TONE Calling Service				
11.	Group Use Service, per system arranged		435.54	--	EGR
12.	Conference Arrangement				
	a. Common Equipment, per arrangement		247.84	88.97	88.97 EMC
	b. For Access, each ESSX-1 service line or attendant access line equipped		--	.21	.21 RSE
13.	Multiple Position Hunt, per system		472.87	33.75	33.75 CXH
14.	Queuing for Network Access Registers and Lines, per group		84.00	43.09	43.09 ENB

15. Room and ESSX-1 Service Line Number Correlation, per system	435.54	120.45	120.45	EHR
16. Split Service Offering				
a. First Common Block	--	--	--	
b. Additional Common Blocks, each	829.60	11.77	11.77	EBS

Notes:

5. Rates and charges apply as specified in the Private Line Tariff for a Series 900, Type 901 channel between the ESSX-1 serving central office and the customer's premises. (See Note at bottom of page)
9. Rates and charges apply as specified in the Private Line Tariff for a Series 3000, Type 3002 channel between the ESSX-1 serving central office and the customer's premises per each group of four consoles.

Notes: The private Line Tariff will be "GRANDFATHERED" as of May 23, 1995 and withdrawn as of May 5, 1997, in accordance with Case No. 94-355 issued by the Public Service Commission of Kentucky. Customers with existing services will be able to maintain those services under the existing rate structure until May 5, 1997. This order allows customers to remove legs from multipoint circuits, but additions and other modifications to existing local private line services, must be ordered from the PSCK Access Service Tariff.

OPERATOR SERVICES CHARGES

A. DIRECTORY ASSISTANCE SERVICE

2. APPLICATION OF CHARGES AND ALLOWANCES

a. There will be a charge for all customer calls to Directory Assistance except:

- 1) Call allowances (Deleted)

3. RATES

1. Where the customer direct dials the Directory Assistance number the charge for each call (maximum of two requested telephone numbers per call) is \$.44.

E. OPERATOR COMPLETION OF LOCAL CALLS

1. GENERAL

The charge for the Operator Completion of Local Calls applies when a customer requests the assistance of the Telephone Company operator to complete a local call to complete a call to a Cellular Telephone Service Number.

2. REGULATIONS

- a. This service is only provided upon customer request and on a per call basis. This is not a monthly subscription service.
- b. All existing usage charges are applicable in addition to the charge for the operator completion of the local call.

- c. The Operator Completion of Local Calls service charge does not apply, to calls placed for customers with special needs, to emergencies such as 911 calls, to calls arising from telephone company problems such as calls to the Company's repair office or problems on the line which prevent completing the call, and to sent paid calls from public, semi-public and customer-provided public telephone service telephones.
- d. This service will be provided where technically feasible.

### 3. RATES AND CHARGES

The following rates and charges apply for the Operator Completion of a Local Calls.

Each call completed	\$1.00
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OPTIONAL SERVICES AND/OR FEATURES FOR ELECTRONIC  
SWITCHING SYSTEM CENTRAL OFFICE EQUIPMENT

I. ELECTRONIC TANDEM SWITCHING FEATURES  
4. Rates and Charges

	Service Establish- ment <u>Charge</u>	Initial <u>Charge</u>	Monthly <u>Rate</u>	Monthly Rate, Variable Term Option, <u>24 Months</u>	<u>USOC</u>
a. ARS-D					
(1) Common equipment per access code (per ESS)	\$4171.85	\$1728.94	\$400.54	\$400.54	ASH
(2) Route selection patterns					
(a) Per facility terminated in pattern(s) --		1.76	4.93	4.93	ASJ
(b) By NPA code only, per pattern		43.09	5.13	5.13	ASK
(c) By NPA and central office codes, per pattern*		181.99	16.23	16.23	ASQ

\*Provides for routing to one NPA and to one or more central office codes within that NPA per pattern.

(3) Arrangement for additional pattern groups for TOD routing, each --		369.59	30.02	30.02	ASZ
(4) Additions and Changes					
(a) Additions, deletions or changes of routes, associated FRLs, or MER tone application in existing patterns, per pattern			43.09	--	RCHAP
(b) Addition of patterns, per pattern					

Apply same rates and charges as specified  
in a.(2)(b) and a.(2)(c) preceding.

(c)	Addition or deletion of a facility to an existing route	--	1.76	--	--
(d)	Additions or changes in NPA or central office code routing, per code, per pattern group affected	--	42.00	--	RCHAC
(e)	Additions, deletions or changes in TOD routing intervals	--	56.00	--	RCHAT

		Service	Initial	Monthly	Monthly Rate, Variable Term Option, 24 Months	USOC
		Establishment Charge	Charge	Rate		
b.	FRL					
(1)	Centrex/ESSX-1 service line or incoming or two-way tie line termination, each	--	\$ 8.19	\$ .21	\$ .21	RK07
(2)	Authorization Codes					
(a)	Common equipment	\$7447.73	995.36	441.97	441.97	AUA
(b)	Authorization codes, per 100 codes or fraction thereof	--	33.81	6.90	6.90	AUS
(c)	Per facility terminated in ARS-D or UN/AAR pattern(s), each	--	1.76	3.32	3.32	AUF
(3)	Changes					
(a)	Changes in FRL per service line or tie line termination, each	--	3.94			FRK00 thru FRK07

(b) Changes in a single authorization code and/or associated FRL where Telephone Company service order activity is required, each

-- 3.94 -- RCHFA

c. Deluxe Queuing

(1)	Common equipment per ESS	\$2197.92	\$400.39	\$201.44	\$201.44	QDC
(2)	Queue, per facility group equipped	--	116.35	2.85	2.85	QDF
(3)	Queue slots					
	(a) Off-hook queue slot with:					
	--Recorded announcement, each*	--	1.76	23.80	23.80	QDA

\*In addition, recorded announcement equipment is required as specified in (4) below.

--Music, each\* -- 1.76 22.66 22.66 QDM

\*In addition, music-on-queue is required as specified in (5) following.

	(b) Ring-back queue slot, each	--	1.76	16.23	16.23	QDR
(4)	Recorded announcement common equipment, each	--	58.28	75.96	75.96	QDE
(5)	Music-on-queue					
	(a) Common equipment, each	--	212.79	162.96	162.96	OTD
(6)	Changes					
	(a) Change from RBQ to OHQ or vice versa, per queue	--	49.88	--	--	RCHQ1
	(b) Change in the quantity of queue slots, per queue	--	49.88	--	--	RCHQ2
	(c) Change in queue threshold time limit, per queue	--	49.88	--	--	RCHQ3



		<u>Service Establish- ment Charge</u>	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Monthly Rate, Variable Term Option, 24 Months</u>	<u>USOC</u>
	(c) Change in status of all service lines in ESS customer group or individual facility from "record--not required" to "records--required"	--	9.96	--		RCHMF
e.	UN/AAR					
	(1) Common equipment	\$9281.67	\$2025.73	\$1105.03	\$1105.03	UNR
	(2) Route selection patterns					
	(a) Per UN/AAR pattern	--	43.09	5.13	5.13	UNP
	(b) Per tie line terminated in UN/AAR and/or ARS-D pattern(s)*	--	1.76	5.29	5.29	UNF
	(c) Per facility for automatic overflow to DID*	--	12.50	44.28	44.28	UNO
	(3) Additions and changes					
	(a) Additions, deletions or changes of routes or associated FRL's in existing patterns, per pattern	--	43.09	--		RCHUP
	(b) Additions of patterns, per pattern					
	(c) Addition or deletion of a facility to an existing route	--	1.70	--		

Apply same rates and charges as specified in (2)(a) preceding.



	(d)	Additions or changes in "on-network" location code routing, per code	--	56.00	--		RCHUC
f.		Customer Administration and Control					
	(1)	Central office equipment					
	(a)	Common equipment, each*	\$ 706.97	\$1262.75	\$856.35	\$856.35	CAX
	(c)	Facilities administration and control common equipment, each	3450.88	239.39	324.58	324.58	FA2
	(d)	Traffic data to customer (pollable)					
		--Common equipment	12116.57	261.79	460.43	460.43	PTA
		--Per queue equipped	--	72.80	3.42	3.42	PTU
		--Per facility group equipped	--	72.80	8.24	8.24	PTY

OPTIONAL CENTRAL OFFICE SERVICES AND/OR FEATURES

- Notes:
- A. See note below for administration of Grandfathered rate structure. Rates and charges apply as specified in PSCK Access Service Tariff for Metallic circuits.
  - B. See note below for administration of Grandfathered rate structure. Rates and charges apply as specified in PSCK Access Service Tariff for 2-wire Voice Grade circuits.
  - C. See note below for administration of Grandfathered rate structure. Rates and charges apply as specified in PSCK Access Service Tariff for Voice Grade circuits.
  - D. See note below for administration of Grandfathered rate structure. Rates and charges apply as specified in PSCK Access Service Tariff for Program Audio circuits.

Note: The Private Line tariff will be "GRANDFATHERED" as of May 23, 1995, and withdrawn as of May 5, 1997, in accordance with Case No. 94-355, issued by the Public Service Commission of Kentucky. Customers with existing services will be able to maintain those services under the existing rate structure until May 5, 1997. This order allows customers to remove legs from multipoint circuits, but additions and other modifications will not be permitted. New services, and additions or modifications to existing local private line services, must be ordered from the PSCK Access Service Tariff.

CENTREX 90 SERVICE

C. Regulations

1. Provision of Service

d. The minimum service period for Centrex 90 service is one month...This charge shall be \$34.56 per month for each month remaining from the date of disconnect through the twelfth month.

E. Rates and Charges

Service Establishment Charge  
(per Centrex 90 system) \$311.10

Centrex 90 service lines, attendant service lines,  
and incoming and outgoing restricted service  
lines (each)

Exchange Access (Non-hunting)	\$ 7.01	RXR, RX RX3, RX
Exchange Access equipped with hunting	20.80	RHY, RH RHZ, RH

	<u>Initial Charge</u>	<u>Monthly Rate, CTRP Option</u>				<u>USOC</u>
		<u>Monthly Rate</u>	<u>12 Months</u>	<u>24 Months</u>	<u>48 Months</u>	
Centrex 90 basic service lines, attendant service lines and restricted service lines - Intercom (includes features)						
1st thru 6th (each) (Note)	\$20.74	\$41.97	\$36.78	\$33.57	\$33.15	NRN
7th thru 40th (each)	20.74	26.28	21.09	17.98	16.94	NRN
Centrex 90 electronic service lines, attendant service lines, and restricted service lines- Intercom (includes features)						
1st thru 40th (each)	31.11	32.15	32.15	32.15	32.15	NRH
Call Pickup Non Barge-In (Originating and Terminating) (Additional Pickup Groups) (per group)	10.37	1.40	1.37	1.33	1.30	E3N
Conference Calling- 6-Way Station Controlled						
(per system)	247.84	69.22	66.73	64.24	61.86	EQ6
(per line equipped)	10.37*	None	-	-	-	EGJ
FX Trunk Termination (each)	189.77	46.77	45.11	43.45	41.79	ESQ

Uniform Call Distribution (Note)						
(Per hunt group)	43.55	None	-	-	-	A6T
(Per line equipped)	4.41	.83	.80	.80	.73	A6V
Loudspeaker Paging (including Answer Option per trunk)						
	189.77	38.84	37.44	36.04	34.69	
Recorded Telephone Dictation (per trunk)						
	189.77	59.32	57.19	55.06	52.94	
Speed Call 30, Customer Changeable (per line equipped)						
	4.41	.83	.79	.76	.73	
Tie Line Termination:						
a. Dial type tie line terminal with or without attendant access (each)						
	103.70	48.53	46.77	45.01	43.24	JRY
b. Dial type tie line terminal with attendant access but without station dial access (each)						
	103.70	48.53	46.77	45.01	43.24	RKN
c. Private Network access line termination (each)						
	103.70	48.53	46.77	45.01	43.24	901
d. Exchange access, per tie line terminal, terminating arrangement, dial service charge, access line, or facility terminated						
			<u>Monthly Rate</u>			7BN
			\$28.90			
			<u>Monthly Rate, CTPP Option</u>			
			12	36	60	
			<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>USOC</u>
Toll Restriction (per line arranged)						
	\$ 2.07	\$ .26	\$ .25	\$ .24	\$ .23	ETB
OUTWATS or two-way Termination (each)						
	84.00	2.54	2.44	2.33	2.28	ES2
Electronic Service Line Optional Features:						
Packet Switched Data						
	*25.93	6.74	6.74	6.74	6.74	LTQ4X

Secondary Telephone Number	* 5.19	.21	.21	.21	.21	D06
64 kb/s Circuit Switched Data Channel	*25.93	15.56	15.56	15.56	15.56	LSN3A
Packet Switching Optional Features:						
Additional Logical Channels, each	* 5.19	1.19	1.19	1.19	1.19	NW9AL
Closed User Group per Group	*25.93	1.14	1.14	1.14	1.14	GXMPPG
per Member	* 5.19	.78	.78	.78	.78	GXM
Permanent Virtual Circuit, each	* 5.19	1.30	1.30	1.30	1.30	GXP
Modem Pool Access	68.44	32.67	32.67	32.67	32.67	MJ3

Change Charge - Configuration change of feature buttons on an electronic service line telephone set after the electronic service line has been installed.

Per set, per request \$ 5.19

Customization Charge - Non-standard configuration of feature buttons on an electronic service line telephone set at the time of installation of the electronic service line.

Per set, per request \$25.93

#### CENTREX 2000 SERVICE

#### F. Rates and Charges

##### 1. Centrex 2000 Service Lines and Features

##### a. Individual Service Lines

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Monthly Rate, CTPP Option</u>			<u>USOC</u>
			<u>12 Months</u>	<u>36 Months</u>	<u>60 Months</u>	
Basic Service Lines						NFSX
First 100 Lines	\$25.93	\$25.41	\$22.81	\$20.74	\$18.67	
Next 200 Lines	25.93	24.89	22.30	20.22	18.15	
Next 450 Lines	25.93	23.33	21.26	18.67	16.59	
Over 750 Lines	25.93	22.81	20.22	17.63	15.56	
Deluxe Service Lines						1NFTX
First 100 Lines	25.93	26.44	24.37	22.81	20.22	
Next 200 Lines	25.93	25.93	23.85	22.30	19.70	
Next 450 Lines	25.93	25.41	23.33	20.74	18.67	
Over 750 Lines	25.93	23.85	22.81	19.70	17.63	

Electronic Service Lines

Single B Channel  
configured for:

Circuit Switched Voice

1CNGX

First 100 Lines	25.93	37.33	.18	29.04	25.41
Next 200 Lines	25.93	36.30	31.11	28.00	24.89
Next 450 Lines	25.93	34.22	30.07	25.93	23.33
Over 750 Lines	25.93	33.70	29.04	23.85	21.78

Circuit Switched Data

1CNHX

First 100 Lines	25.93	58.69	53.41	50.19	44.90
Next 200 Lines	25.93	56.57	51.23	45.94	41.69
Next 450 Lines	25.93	54.44	49.15	41.69	37.44
Over 750 Lines	25.93	53.41	47.03	38.52	34.22

64 kbps Packet  
Switched Data

25.93	399.25	399.25	399.25	399.25
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1CNJX

Two B Channels  
configured for:

Two Circuit Switched  
Voice Channels

1CNKX

First 100 Lines	25.93	49.78	46.67	43.55	41.48
Next 200 Lines	25.93	48.74	45.63	41.48	39.92
Next 450 Lines	25.93	46.67	43.55	40.44	38.37
Over 750 Lines	25.93	45.63	41.48	38.47	37.33

Circuit Switched Voice  
and Circuit Switched  
Data

1CNX

First 100 Lines	25.93	58.07	52.89	45.63	40.96
Next 200 Lines	25.93	56.00	50.81	42.52	38.37
Next 450 Lines	25.93	54.44	48.74	40.44	36.30
Over 750 Lines	25.93	52.89	47.70	37.33	34.22

Two Circuit Switched  
Data Channels

1CNNX

First 100 Lines	25.93	91.67	83.74	78.81	70.98
Next 200 Lines	25.93	88.46	80.47	72.49	66.16
Next 450 Lines	25.93	85.29	77.31	66.16	59.78
Over 750 Lines	25.93	83.74	74.15	61.39	54.96

Stand alone 9.6 kbps  
Packet Switched Data  
Line

25.93	32.67	32.67	32.67	32.67
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1CNMX

9.6 kbps Packet  
Switched Data Channel  
added to any Electronic  
Service Line

<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
\$ 6.74	\$6.74	LTQ4X

b. Service Line Restrictions

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Incoming Restricted, Outgoing Restricted, Fully Restricted, or Fully Restricted-Denied Dial Tone (Note)	\$6.74	NC	ERSFN ERSFO ERSFC ERSDC

c. Centrex 2000 Optional Service Line Features:

Optional Features for Basic and Deluxe Service Lines:

Hunting Service	6.74	10.37	RHY, RHZ
Toll Restriction	6.74	.26	ETB
Uniform Call Distribution	6.74	.52	AHB

Optional Features for Electronic Service Lines:

Call Restriction Levels	6.74	2.59	ALA
Circuit Switched Data Hunting	6.74	10.37	ABP
Custom Set Configuration	25.93	NC	NYE
Hunting Service	6.74	10.37	RHY
Secondary Telephone Number	5.19	.21	DO6
Toll Restriction	6.74	.26	ETB
Uniform Call Distribution	6.74	.52	AHB

Optional Features for Packet Switched Data Channels:

Additional Logical Channels per channel	6.74	1.30	NW9AL
Closed User Group, per group per member	6.74	1.04	GXMPG
Permanent Virtual Circuit	6.74	.78	GXM
X.25 Hunt Group Member	6.74	1.56	GXP
		1.04	HTSPG

2. Centrex 2000 Attendant Lines and Features

a. Attendant Lines

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Monthly Rate, CTPP Option</u>			<u>USOC</u>
			<u>12 Months</u>	<u>36 Months</u>	<u>60 Months</u>	
Basic Attendant Line	\$25.93	\$32.77	\$29.71	\$27.90	\$24.78	1NFAX
Electronic Attendant Line	25.93	41.22	37.90	35.93	32.61	1CNAX

b. Centrex 2000 Optional Features for Attendant Lines

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Basic Attendant Line Optional Features:			
Attendant Call Through Tests	\$6.74	\$ 5.10	SXT

Attendant Control of Facilities	6.74	20.74	E2S
Attendant Power Failure Transfer	6.74	15.56	AP5
Hunting Service	6.74	10.37	RHY, RHZ
Uniform Call Distribution	6.74	.52	AHB

Electronic Attendant Line Optional Features:

Attendant Busy Verification of Lines/Trunks	6.74	1.04	BUV
Attendant Call Through Tests	6.74	1.04	A7H
Attendant Direct Trunk Group Selection	6.74	1.04	A7D
Attendant Emergency Override	6.74	1.04	A7Z
Attendant Information About Calls on Queue	6.74	1.04	AQH
Attendant Power Failure Transfer	6.74	15.56	A7Y
Attendant Traffic	6.74	1.04	TDF
Attendant Trunk Group Indicator	6.74	1.04	A7N
Custom Set Configuration	25.93	NC	NYE
Hunting Service	6.74	10.37	RHY, RHZ
Uniform Call Distribution	6.74	.52	AHB

3. System Equipment and Features

a. Optional System Features:

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Conference Calling - 6 way	NC	\$64.29	EQ6
Dial Dictation Access per line	NC	59.32	RD3
Loud Speaker Paging per line	NC	38.84	EWJ
Queuing with Delay Announcement	NC	414.80	QD5PS
Radio Paging Access per line	NC	20.74	RPF
Trunk Dial Transfer	NC	6.22	TT6PS

b. Tie Line Terminations:

Tandem Tie Trunks	103.70	67.41	2TH, 2TJ, 2NH, 2NJ, 2PA
Non-Tandem Tie Trunks	103.70	51.85	EHZ, EHY, JRY, RXN 901
Digital Interface (1.544 Mbps) per interface	NC	570.35	M63
per trunk group	103.70	NC	M63PG
Primary Rate Interface per interface	NC	1,037.00	NTE3X
per trunk group	103.70	NC	NGTPG

c. WATS Terminations:

800 Termination	6.74	NC	TCR
Outgoing WATS Group Termination	6.74	7.26	ES2
Two Way WATS Group Termination	6.74	7.26	ESU



4. Exchange Access

The following Exchange Access charge is applied to Centrex 2000 lines:

	<u>Monthly Rate</u>	<u>USOC</u>
Exchange Access Charge per service line or attendant line (except fully restricted service lines)	\$ 7.26	RXR, RX2NF RX3, RX4NF RHY, RHYNF RHZ, RHZNF
Exchange Access Charge for Tie Line Terminations, per trunk group	28.90	7BN
5. Common Equipment Charge	103.70	4CJ

CUSTOM CALLING PLUS SERVICES

C. RATES AND CHARGES

1. RECURRING CHARGES

<u>Custom Calling PLUS Services</u>	<u>Monthly Rate per Line Equipped</u>	
	<u>Residence</u>	<u>Nonresidence</u>
a. Repeat Dialing	\$3.76	\$5.64
b. Priority Call	3.76	5.64
c. Priority Forward	3.76	5.64
d. Call Block	4.00	6.00
e. Call Return	4.00	6.00
f. Caller ID	6.50	8.50
g. Per Call Number Privacy*	N/C	N/C
h. Per Line Number Privacy*	1.00	1.00
<p>(1) Per Line Number Privacy is available upon request at no charge to the following entities:</p>		
a. Federal, state and local government law enforcement agencies	1.00**	1.00**
b. Established domestic intervention agency shelters	1.00**	1.00**
c. Non-published service subscribers	N/C	N/C

<u>Custom Calling PLUS Services</u>	<u>Monthly Rate</u> <u>per Line Equipped</u>		<u>Usage</u> <u>Charge*</u>	<u>USOC</u>
	<u>Residence</u>	<u>Nonresidence</u>		
i. Call Tracing	N/C	N/C	\$1.50*	NST

GENERAL EXCHANGE TARIFF  
PSC# NO. 3

A. PUBLIC PACKET SWITCHED NETWORK SERVICE

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**1. Description of Service**

Public Packet Switched Network (PPSN) Service is a public data network service which utilizes packet technology and analog and digital transmission facilities to provide economical common user switched data transport for traffic of X.25 and X.75 protocol. The network service interconnection meets the transport requirements of a broad variety of data customers such as information and service providers, high speed terminal users and providers of concentrators (either customer or Telephone Company provided). Customers connect directly to a Telephone Company provided packet switched port connection at a X.25 or X.75 protocol via analog or digital facilities provided by the Access Service Tariff PSCK No. 2 at speeds of either 2.4, 4.8, 9.6 or 56 Kbps.

InterLATA public data networks are permitted access to the PPSN via access service arrangements as set forth in the appropriate Access Service Tariff of the Telephone Company.

- a. The PPSN supports protocol conversion, a service offered on an unregulated basis only.
- b. The PPSN is available to local exchange service customers having individual line residence or nonresidence service, private line service customers, Centrex customers, and ESSX-1 Service customers, subject to the availability of appropriate Telephone Company facilities.
- c. PPSN customers are required to subscribe to an adequate number of access lines as may be required, in the judgement of the Telephone Company, to adequately handle incoming calls without impairing the Telephone Company's service to others.
- d. The PPSN serving area is all network addresses in the Telephone Company's operating territory with access to the PPSN which are capable of receiving calls subject to Closed User Group requirements.

- e. Reverse Charging Acceptance will permit PPSN usage associated with calls placed by Dial Access or Direct Access customers to be billed on a per call basis to a Direct Access terminating address equipped for Reverse Billing Acceptance. Billing is detailed only for local calls.
- f. PPSN, as required by the Telephone Company, may be removed from service for maintenance purposes. Credit allowances are not applicable to the time period that PPSN is removed from service unless that time period exceeds one hour, in which case an appropriate credit may be negotiated.
- g. PPSN supports CCITT recommendations and optional facilities and will interface with customer equipment that meets these standards.

## 2. Definitions

### BIT

A binary digit, the smallest unit of information in the binary system of notation.

### CCITT

Consultative Committee for International Telephone and Telegraph. An international advisory committee set up under United Nations sponsorship to recommend standards for international communications.

### CHARACTER

An alphanumeric or symbolic unit (e.g., A-Z, 0-9, etc.) represented by 8 bits of data.

### CONCENTRATOR

A PPSN network component which performs various routing and switching functions.

### KILOSEGMENT

One thousand segments.

### LOGICAL CHANNEL

A transmission path within the packet switching network.

### NETWORK

The integrated communications facilities utilized by the Telephone Company in providing its public packet switched data communications service, which are comprised of packet switching and network access equipment.

NETWORK ADDRESS

Numeric character sequence used to identify the originating and terminating locations of each virtual circuit made within the network.

NETWORK USER IDENTIFICATION (NUI)

A numeric character sequence, defined by the Telephone Company, as a personal identification code for users to access the PPSN network. Also, this option is used to establish a local billing record.

OCTET

A character of data information made up of eight successive bits of information. (See character)

PACKET

A continuous sequence of binary digits (bits) of information which is switched as an integral unit through the network. A packet contains up to 128 or 256 octets of customer data transported to or from a character-oriented station, plus additional transmission and error control information.

PACKET ASSEMBLER/DISASSEMBLER (PAD)

The component which the Telephone Company may provide on an unregulated basis and which supports the customer interface functions such as, but not limited to, call initiation and transmission interface functions.

PACKET SWITCH

The part of the network which performs primary switching and routing functions.

PERMANENT VIRTUAL CIRCUIT

A logical channel between two stations. No call establishment, call termination, or network address are associated with a permanent virtual circuit.

PORT TERMINATION

A communications interface provided by the Telephone Company, through which the customer or an authorized user obtains connection to the network.

PROTOCOL

A set of rules for conducting interactions between two or more parties. These rules consist of syntax (header structure), semantics (actions and reactions that are supposed to occur) and timing (relative ordering and duration of states and events). PPSN supports 1984 CCITT recommendations. Most 1980 CCITT recommendations are supported but may be subject to availability.

PPSN supports the following protocols:

- **Asynchronous Protocol**  
A form of protocol for X.3, X.28 and X.29 as outlined in the 1984 version of the CCITT recommendation.
- **Synchronous Protocol**  
A form of protocol that will support certain syn-  
synchronous IBM 32XX Display System Protocols. For  
the purposes of this offering, synchronous and bi-  
synchronous are synonymous terms. Provision of this  
protocol is subject to certain technical limitations.
- **X.24 Protocol**  
An international standard developed by the CCITT that  
provides the foundation for public packet switched net-  
works.
- **X.75 Protocol**  
An international standard developed by the CCITT that  
provides the foundation for both interstate and inter-  
national interconnection of individual packet switched  
networks.

SEGMENT

A continuous sequence of binary digits (bits) of information within a packet. A segment has a billable length of up to 64 octets of customer data transmitted to or from a character-oriented station.

VIRTUAL CIRCUIT

A logical channel established as a result of call establishment procedure to a network address that exists until either end of the channel initiates the call termination procedure.

3. Regulations

The regulations, rates and charges specified in this section are applicable to PPSN Service and are in addition to the regulations set forth in the foregoing sections of this tariff.

a. Minimum Payment Period

The minimum payment period for a PPSN port connection is one month.

b. Payment of Rates, Charges and Deposits

The Telephone Company will bill in accordance with the provisions set forth in Section 2.2 of the Access Services Tariff PSCK No. 2. The service usage charges specified in this section will be billed in arrears.

- c. Credit Allowance for Interruptions  
No credit is allowed for interruptions to service of less than sixty minutes. Interruptions of sixty minutes or over, which are reported to the Telephone Company and which are not due to the negligence or willful act of the customer, are credited at the proportionate monthly tariff charge in one hour multiples for each hour or major fraction thereof of interruption from receipt of the report.
- d. Liability  
The liability of the Telephone Company is specified in Section 2.3.B of the Access Services Tariff PSCK No. 2.
- e. Information the Customer Must Provide  
When ordering service offered under this tariff the customer must provide the following information;
- (1) The number and location of port connections desired, including estimated usage for each port connection.
  - (2) The initial set of software features and functions for each port connection.
  - (3) The transmission speed for each port connection and data channel.
- f. Types of Rates and Charges
- (1) Monthly Rates  
Monthly rates are recurring rates that apply each month or fraction thereof that service is provided. For billing purposes, each month is considered to have 30 days.
  - (2) Nonrecurring Charges  
Nonrecurring charges are one-time charges that apply for a specific work activity (i.e. installation of service, service rearrangements and service order administration). The three types of nonrecurring charges that apply to service are: installation of service, service rearrangements, and service order administration.
    - (a) Installation  
The nonrecurring charges for the installation of each service are set forth in Rates and Charges following.



(b) Service Rearrangement

Service rearrangements are changes to existing services which do not result in either a change in the minimum payment period requirements or a change in the physical location of the PPSN Port Connection. The nonrecurring charge specified in 6.f following applies for subsequent changes to the software of PPSN ports. Changes from one existing service to another will be treated as the discontinuance of the existing service and the installation of a new service. The nonrecurring charges described in (a) preceding will apply for this work. Moves that change the physical location of the point of termination are described in (3) following.

(c) Service Order Administration

The nonrecurring charge for service order administration is applicable per customer request for installation and/or rearrangement of the PPSN services offered herein. The service order administration charge is set forth in 6.g following.

(3) Moves

A move involves a change in the physical location of a point of termination at the customer's premises. Such moves are performed subject to the provisions set forth for the type of channel which connects the customer premises to the PPSN.

4. Special Construction

Special construction is provided in accordance with the regulations set forth in the Company's Special Construction Tariff F.C.C. No. 39.

5. Rate Element Descriptions

a. Channels for the Direct Connection of a Customer Premises to a Port of the PPSN

Voice Grade or Digital Data Service Channels offered in the Telephone Company's Access Service Tariff PSCK No. 2 may be used to connect a customer premises directly to a port of the PPSN at either X.25 or X.75 protocol.

- b. Port Connection  
Connections are made directly to the Telephone Company packet switch by means of a dedicated port connection. Port connections operate at transmission speeds of 2.4, 4.8, 9.6 or 56 Kbps in support of X.25 or X.75 digital interfaces.
- c. Virtual Call Establishment  
A usage charge is applied to each attempt to establish a virtual call over a virtual circuit. The Virtual Call Establishment charge does not apply to the Fast Select call software option.
- d. Fast Select  
Fast Select is a feature of X.25 protocol in which customer data is sent in the initial Virtual Call Establishment. It permits the user to place up to 128 bytes of additional data in the call request or call clear packets. There is no Virtual Call Establishment charge incurred when using the Fast Select feature.
- e. Kilosegment Usage Charge  
Usage (or traffic) is measured in the number of kilosegments transported within a packet through the Telephone Company provided Public Packet Switched Network. For billing purposes, the monthly usage is based on kilosegments and such charges are billed to the customer responsible for the connection over which the kilosegments are transported.

Customers are not charged for segments generated internally by the network for the acknowledgement of information packets, nor are customers charged for any segments which are re-transmitted by a network packet switch upon detection of a transmission error.

For Peak Hour Usage, as described in 6.d.1 following, the tiered pricing concept applies to the rate per kilosegment listed under usage level for all kilosegments transported within the specified usage level. Kilosegments, or fractions thereof, over-flowing into the next usage level are billed at the next rate level and so on until usage overflows to the last (or lowest) rate level. For all other usage the Off-Peak Hours Usage Rate specified in 6.d.2 following is applicable.

f. Optional Service Features

- (1) Incoming Calls Barred  
Incoming calls to a DTE address are barred.
- (2) Outgoing Calls Barred  
Outgoing calls from a DTE address are barred.
- (3) Closed User Group (CUG)  
A group of PPSN users which form a subnetwork within the packet switched network. Non-members of the CUG are precluded from making calls to the members of the CUG. Users may be a member of more than one CUG. Members of different Closed User Groups will not be permitted to communicate with each other. Both incoming and outgoing barred options are available within a Closed User Group.
- (4) Fast Select Acceptance  
Authorizes the DCE to transmit to the DTE incoming calls which request the fast select facility.
- (5) Reverse Charging Acceptance  
Authorizes the local DCE to pass to the subscribing DTE any calls requiring reverse charging.
- (6) Network User Identification  
Enables the DTE to provide information to the network for billing, security or network management purposes on a per call basis.
- (7) Hunt Group  
An arrangement whereby multiple access lines share a single network address. A Hunt Group can be arranged for up to 30 lines served from the same central office. Incoming calls are distributed to insure that the least used access line is the next selected.
- (8) Call Redirection  
Permits a virtual call to be established to a pre-specified alternate address if a destination address is not available.
- (9) Direct Call  
When a terminal accesses PPSN it places a call to a predetermined destination.
- (10) Permanent Virtual Circuit  
A virtual dedicated path between two points.

(11) Call Detail

Provides a paper or magnetic tape record of all calls originated from a specific billing account. Call Detail is not available for Public Dial Access.

(12) Additional Logical Channel

Additional transmission path within a PPSN access line. Available on an X.25 interface only.

6. Rates and Charges

a. Channels for Direct Connection to a Port of the PPSN

Where access is provided by a Voice Grade Channel between the customer premises and a port of the PPSN. The rates and charges specified in Access Services Tariff PSCK No. 2 are applicable.

Where access is provided by an appropriate Digital Data Service Channel between the customer premises and a port of the PPSN the rates and charges specified in the Telephone Company's Access Services Tariff PSCK No. 2 are applicable.

b. Moves

Customer requested moves of service either to a different building on noncontinuous property or to a different building on the same continuous property will be made by the Telephone Company subject to the nonrecurring charges specified for the type of channel which connects the customer premises to the PPSN.

c. Port Connection

(1)	<u>Transmission Speed</u>	<u>Protocol Interface</u>	<u>USOC</u>	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
	2.4 Kbps	X.25	LDD24	\$45.00	\$ 30.00
	4.8 Kbps	X.25	LDD48	45.00	45.00
	9.6 Kbps	X.25	LDD96	45.00	50.00
	56 Kbps	X.25	LDD56	45.00	140.00
	9.6 Kbps	X.75	LDD97	45.00	100.00
	56 Kbps	X.75	LDD57	45.00	145.00
(2)	<u>Virtual Call Establishment</u>				
	Per Call	\$	0.01		
(3)	<u>Fast Select</u>				
	Per Call		0.03		

d. Kilosegment Usage Charge

(1) Peak Hour Usage Rates apply to kilosegments transported between the hours of 7:00 AM to 6:00 PM Monday through Friday and excluding the holidays specified in Off-Peak Hour Rate in "B" following.

<u>Usage Level/ Peak Hour Rate</u>			<u>Monthly Rate/Kilosegment</u>
From	01	- 500	\$0.54
From	501	- 2300	0.48
From	2301	- 4200	0.43
All over	4201		0.38

(2) The Off-Peak Hour Usage Rate applies to the total number of kilosegments transported other than from 7:00 AM to 6:00 PM, Monday through Friday. The Off-Peak Hour Usage Rate also will apply to the 24-hour period during holidays of New Year's Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

<u>Usage Level/ Off-Peak Hour Rate</u>	<u>Monthly Rate/Kilosegment</u>
All Transported	\$0.33

e. Optional Service Features

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(1) Incoming Calls Barred	LD91V	\$10.00	\$5.00
(2) Outgoing Calls Barred	LD90V	10.00	5.00
(3) Closed User Group Per Group Member	LDJ	1.00	5.00
(4) Fast Select Acceptance	FSA	1.00	5.00
(5) Reverse Charging Acceptance	LD4	5.00	10.00
(6) Network User Identification	LOG	NONE	5.00
(7) Hunt Group Each Address In Group	URM	1.00	5.00
(8) Call Redirection	LRD	10.00	25.00

(9) Direct Call	LJD	4.00	10.00
(10) Permanent Virtual Circuit	LDV	4.00	5.00
(11) Call Detail Per Line Printed		- 0.02	55.00
(12) Additional Logical Channel, each	LD9A1	1.00	10.00

- f. Subsequent Changes to Service  
Changes requested after initial service establishment will incur a software change charge applied to each port for which changes are requested. The software change charge applies to any changes to software after service has been established. One charge applies per port for each request, regardless of the number of changes requested by the customer for that port.

Nonrecurring  
Charge

Software Change Charge  
per request \$150.00

- g. Service Order Administration Charge  
Installations and/or rearrangements of the PPSN services offered herein will incur a service order administration charge. One charge applies per request regardless of the number of installations/rearrangements requested by the customer on that occasion.

Nonrecurring  
Charge

Service Order Administration  
Charge, per request \$35.00

MESSAGE TELECOMMUNICATIONS SERVICE  
PSCK NO. 4

DIRECTORY LISTINGS AND SERVICES

B. ON-LINE LISTING INFORMATION (OLLI)

3. Rates and Charges		<u>Charges</u>
a.	Service establishment and initial user identification number	\$163.50
b.	Subsequent user identification number and/or change initial and/or subsequent user identification number, each number	54.50
		<u>Monthly Rates</u>
c.	System access, per access minute or fraction thereof (Note)	\$0.2783
d.	Screen charge, per screen	0.05
e.	Customers to OLLI do not incur a charge for Directory Assistance Service as set forth in A. Directory Assistance preceding.	

APPENDIX F

WIDE AREA TELECOMMUNICATIONS SERVICE TARIFF  
PSC# NO. 1

WIDE AREA TELECOMMUNICATIONS SERVICE

REGULATIONS AND SCHEDULE OF CHARGES

Applying to Intrastate Service between points in the State of Kentucky

The operating territory of the Telephone Company in the State of Kentucky is the counties of Boone, Campbell, Gallatin, Grant, Kenton and Pendleton.

The tariff will be withdrawn no later than September 1, 1995 or 6 months after the effective date of this proceeding, whichever is later.



PRIVATE LINE TARIFF  
PSCK No. 4

This Private Line tariff will be "GRANDFATHERED" as of May 23, 1995, withdrawn as of May 5, 1997, in Accordance with Case No. 94-355, issued by The Public Service Commission of Kentucky. Existing Customer Operating Center Service (COCS) customers may increase their COCS service to the limits of their current contract, but may not increase their complement to a higher level. Customers with existing services will be able to maintain those services under the existing rate structure until May 5, 1997. This order allows customers to remove legs from multipoint circuits, but additions and other modifications will not be permitted. New services, and additions or modifications to existing local private line services, must be ordered from the Access Service Tariff.

## 3. CHANNELS

## 3.1 General

## 3.1.10

## Joint Use Arrangements

When a customer requests that his service be arranged for joint use, the charges for the service shall be determined as provided in this tariff and in addition a charge per month of \$29.46 or ten percent of the charge for the interexchange private line service applies, whichever is greater.

## 3.1.11 Customer Operating Center Service

## B. Rates and Charges

		<u>Non-Recurring Charge</u>		
1.	To establish and to convert to or from COCS		\$42.56	
2.	Each dedicated complement of cable pairs			
		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	<u>Maximum Termination Liability*</u>
a.	Within 1/4 mile			
	100 pair cable	\$ 117.30	\$ 4,471.20	\$2,364.40
	200 pair cable	132.83	5,008.25	2,726.65
	300 pair cable	175.95	5,499.30	3,186.85
	600 pair cable	224.25	6,377.90	4,934.65
	900 pair cable	305.33	7,437.05	6,937.95
	12000 pair cable	382.95	8,541.05	8,771.05
	1500 pair cable	457.13	9,272.45	10,550.10

b.	Within 1/2 mile			
	100 pair cable	251.85	8,389.25	5,135.90
	200 pair cable	281.18	9,113.75	5,865.00
	300 pair cable	365.70	9,639.30	8,168.45
	600 pair cable	432.98	10,379.90	9,993.50
	900 pair cable	579.60	11,459.75	13,810.35
	1200 pair cable	714.15	12,713.25	17,314.40
	1500 pair cable	843.53	13,444.65	20,724.15
c.	Within 3/4 mile			
	100 pair cable	320.85	10,341.95	6,553.85
	200 pair cable	358.80	11,160.75	7,508.35
	300 pair cable	467.48	11,704.70	10,456.95
	600 pair cable	550.28	12,375.15	12,773.05
	900 pair cable	731.40	13,461.90	17,597.30
	1200 pair cable	902.18	14,795.90	22,059.30
	1500 pair cable	1,048.80	15,527.30	26,404.00
d.	Within 1 mile			
	100 pair cable	446.78	13,879.35	9,141.35
	200 pair cable	500.25	14,866.05	10,530.55
	300 pair cable	653.78	15,441.05	14,671.70
	600 pair cable	769.35	15,990.75	17,976.80
	900 pair cable	1,019.48	17,090.15	24,703.15
	1200 pair cable	1,255.80	18,564.45	30,989.05
	1500 pair cable	1,481.78	19,294.70	37,108.20

3.	Each circuit activated	<u>Monthly Rate</u>	<u>Initial Charge</u>
	Type 901	\$ .35	\$108.91
	Type 902	.35	108.91
	Type 2040	15.99	62.16
	Type 2043	12.65	62.16
	Type 3001 Half Duplex	4.60	108.91
	Type 3001 Duplex	4.60	124.43
	Type 3002 Half Duplex	26.22	108.91
	Type 3002 Duplex	26.22	124.43
	Type 3041	28.29	124.43

3.1.12 Nonrecurring Charges

A. Description of Charges

2. Premises Charges

d. Charges:

Premises Visit \$58.39

3. Restoration Priority Change

Nonrecurring Charge

For each  
private line  
service

\$161.86

3.2 Classification and Rates  
 3.2.0 Series 900 Channels  
 C. Rates

1. Intraexchange

a. Recurring

	<u>Rate Per Month</u>
(1) Local Channel, each	
(a) Type 901 & Type 902	\$11.79
Optional Pricing Plan for	
each local channel in excess	
of the first 50, per half mile	
(b) Type 901 & Type 902	2.59
(2) Interoffice Channel, per mile	
(a) Type 901 & 902	5.41
(3) Direct Wire Channel	
Type 901	11.79
(4) The first two station terminations	
of a channel within the same building	
or in different buildings on the same	
continuous property	
Types 901 and 902	1.84
(5) Extension within the same building	
or in different buildings on the same	
continuous property	
Types 901 and 902	.92

b. Nonrecurring

	<u>Initial Charge</u>
(1) Per Local Channel	
(a) Type 901	\$108.91
Type 902	108.91
(2) Per Direct Wire Channel	
Type 901	217.75
(3) Per the first two station	
terminations of a channel	
within the same building	
or in different buildings	
on the same continuous	
property	
Type 901	118.92
Type 902	118.92

(4)	Extension within the same building or in different buildings on the same continuous property	
	Type 901	84.99
	Type 902	84.99
2.	Interexchange - Type 902	<u>Rate Per Month</u>
a.	Recurring	
(1)	Interexchange Channel, per mile	\$ 3.11
(2)	Channel Terminal, per terminal	38.81
(3)	Local Channel, each	11.79
	Optional Pricing Plan for each local channel in excess of the first 50, per half mile	2.59
(4)	Interoffice channel, per mile	5.29
(5)	Extensions within the same building or in different buildings on the same continuous property	.92
		<u>Initial Charge</u>
b.	Nonrecurring	
(1)	Per Local Channel	\$ 108.91
(2)	Extension within the same building or in different buildings on the same continuous property	84.99

3.2.1 Series 1000 Channels  
C. Rates

		<u>Rate Per Month</u>
1.	Intraexchange	
a.	Recurring	
(1)	Local Channel, each	
(a)	Type 1005	
	Half-duplex	\$32.12
	Full-duplex	46.22
(b)	Type 1006	
	Half-duplex	52.60
	Full-duplex	59.78
(2)	Interoffice Channel, per mile	
(a)	Type 1005	
	Half-Duplex	
	First mile	9.44
	Each additional mile	6.12
	Full-Duplex	
	First mile	14.63
	Each additional mile	11.31
(b)	Type 1006	
	Half-Duplex	
	First mile	7.45
	Each additional mile	6.12
	Full-Duplex	
	First mile	8.84
	Each additional mile	7.45
(3)	Direct Wire Channel	
(a)	Type 1005	
	Half-duplex	32.12
	Full-duplex	46.22
(b)	Type 1006	
	Half-duplex	69.76
	Full-duplex	76.87
(4)	The first two station terminations of a channel within the same building or in different buildings on the same continuous property Types 1005 and 1006	
	Half-duplex	2.12
	Full-duplex	4.26
(5)	Extension within the same building or in different buildings on the same continuous property Types 1005 and 1006	
	Half-duplex	1.06
	Full-duplex	2.13

b. Nonrecurring		<u>Initial Charge</u>
(1)	Per Local Channel	
	Half-duplex	\$125.95
	Full-duplex	143.91
(2)	Per Direct Wire Channel	
	Half-duplex	251.84
	Full-duplex	287.75
(3)	Per the first two station terminations of a channel within the same building or in different buildings on the same continuous property	
	Half-duplex	251.90
	Full-duplex	287.82
(4)	Per extension within the same building or in different buildings on the same continuous property	
	Full-duplex	125.95
	Half-duplex	143.91
2. Interexchange		<u>Rate Per Month</u>
a. Recurring		
(1)	Interexchange Channel, per mile	\$ 4.39
(2)	Channel Terminal, per terminal	55.26
(3)	Local Channel, each	
	(a) Type 1005	
	Half-duplex	31.99
	Full-duplex	45.75
	(b) Type 1006	
	Half-duplex	41.70
	Full-duplex	46.75
(4)	Interoffice Channel, per mile	
	(a) Type 1005	
	Half-Duplex	
	First mile	12.77
	Each additional mile	6.12
	Full-Duplex	
	First mile	18.02
	Each additional mile	11.31
	(b) Type 1006	
	Half-Duplex	
	First mile	9.78
	Each additional mile	6.12
	Full-Duplex	
	First mile	11.04
	Each additional mile	7.45

(5)	Extension within the same building or in different buildings on the same continuous property	
	Half-duplex	1.06
	Full-duplex	2.13

b.	Nonrecurring	<u>Initial Charge</u>
(1)	Per Local Channel	
	Half-duplex	\$125.95
	Full-duplex	143.91
(3)	Per extension within the same building or in different buildings on the same continuous property	
	Full-duplex	125.95
		143.91

3.2.2 Series 2000 Channels  
C. Rates

		<u>Rate Per Month</u>
1.	Intraexchange	
a.	Recurring	
(1)	Local Channel, each	
	(a) Type 2001	\$ 14.90
	(b) Type 2001CA, 2001CB	34.98
	(c) Type 2002	14.90
(2)	Central Office Termination Type 2001CB, 2001CC	10.84
(3)	Interoffice Channel, per mile	
	(a) Type 2001, 2002	
	First mile	13.23
	Each Additional Mile	5.59
	(b) Type 2001CA, 2001CB, 2001CC	
	First mile	23.94
	Each Additional Mile	8.25
(4)	Direct Wire Channel	
	(a) Type 2001	14.90
	(b) Type 2001B	17.36
	(c) Type 2001CA	34.98
(5)	The first two station terminations of a channel within the same building or in different buildings on the same continuous property	
	Type 2001, 2001CA, 2002	2.12
(6)	Extension within the same building or in different buildings on the same continuous property	
	Type 2001, 2002	1.06
b.	Nonrecurring	<u>Initial Charge</u>
(1)	Local Channel, each	
	(a) Type 2001	\$125.95
	(b) Type 2001CA, 2001CB	125.95
	(c) Type 2002	125.95
(2)	Central Office Termination Type 2001CB, 2001CC	125.95
(3)	Per Direct Wire Channel	
	(a) Type 2001	251.84
	(b) Type 2001B	215.79
	(c) Type 2001CA	251.84
(4)	Per the first two station terminations of a channel within the same building or in different buildings on the same continuous property	
	Type 2001, 2002	251.90
	Type 2001CA	251.90



(5)	Per extension within the same building or in different buildings on the same continuous property Type 2001, 2002	125.95
2.	Interexchange	
a.	Recurring	
(1)	Interexchange Channel, per mile	\$ 4.39
(2)	Channel Terminal, per terminal	55.26
(3)	Local Channel, each	
(a)	Type 2001	31.99
(b)	Type 2001B	31.52
(c)	Type 2001CA, 2001CB	36.31
(d)	Type 2002	31.99
(e)	Type 2043	31.99
(4)	Central Office Termination Types 2001CB, 2001CC	12.64
(5)	Interoffice Channel	
(a)	Type 2001, 2002, 2043	
	First mile	24.21
	Each Additional Mile	7.91
(b)	Type 2001B	
	First mile	32.12
	Each Additional Mile	6.98
(c)	Type 2001CA, 2001CB, 2001CC	
	First mile	31.85
	Each Additional Mile	3.06
(6)	Extension within the same building or in different buildings on the same continuous property Type 2001, 2002	1.06
b.	Nonrecurring	<u>Initial Charge</u>
(1)	Per Local Channel	
(a)	Type 2001	\$125.95
(b)	Type 2001B	125.95
(c)	Type 2001CA, 2001CB	125.95
(d)	Type 2002	125.95
(e)	Type 2043	125.95
(2)	Central Office Termination Type 2001CB, 2001CC	125.95
(3)	Per extension within the same building or in different buildings on the same continuous property	125.95

3.2.3 Series 2000 Channels  
C. Rates

		<u>Rate Per Month</u>
1.	Intraexchange	
a.	Recurring	
(1)	Local Channel, each	
(a)	Type 3001	
	Half-duplex	\$ 17.56
	Full-duplex	34.11
(b)	Type 3002	
	Half-duplex	17.56
	Full-duplex	37.44
(c)	Type 3040	17.56
(d)	Type 3041	37.44
(e)	Type 3080	17.56
(f)	Type 3081	37.44
(2)	Interoffice Channel, per mile	
(a)	Type 3001, 3002	
	Half-duplex	
	First Mile	19.09
	Each Additional Mile	5.39
	Full-duplex	
	First Mile	19.09
	Each Additional Mile	10.71
(b)	Type 3040	
	First mile	19.09
	Each Additional Mile	5.39
(c)	Type 3041	
	First mile	19.09
	Each Additional Mile	10.71
(3)	Direct Wire Channel	
(a)	Type 3001	
	Half-duplex	17.56
	Full-duplex	34.11
(b)	Type 3002	
	Half-duplex	17.56
	Full-duplex	37.44
(c)	Type 3080	17.56
(d)	Type 3081	37.44
(5)	The first two station terminations of a channel within the same building or in different buildings on the same continuous property	
(a)	Type 3001, 3002	
	Half-duplex	2.12
	Full-duplex	4.26
(b)	Type 3080	2.13
(c)	Type 3081	4.26

(6)	Extension within the same building or in different buildings on the same continuous property	
	Type 3001, 3002	
	Half-duplex	1.06
	Full-duplex	2.13

b.	Nonrecurring	<u>Initial Charge</u>
(1)	Per Local Channel	
	(a) Type 3001	
	Half-duplex	\$125.95
	Full-duplex	143.91
	(b) Type 3002	
	Half-duplex	125.95
	Full-duplex	143.91
	(c) Type 3080, 3040	125.95
	(d) Type 3081, 3041	143.91
(2)	Per Direct Wire Channel	
	(a) Type 3001	
	Half-duplex	251.84
	Full-duplex	287.75
	(b) Type 3002	
	Half-duplex	251.84
	Full-duplex	287.75
	(c) Type 3080	251.84
	(d) Type 3081	287.75
(3)	Per the first two station terminations of a channel within the same building or in different buildings on the same continuous property	
	(a) Type 3001	
	Half-duplex	252.90
	Full-duplex	287.82
	(b) Type 3002	
	Half-duplex	251.90
	Full-duplex	287.82
	(c) Type 3081	172.64
(4)	Per extension within the same building or in different buildings on the same continuous property	
	(a) Type 3001	
	Half-duplex	125.95
	Full-duplex	143.91
	(b) Type 3002	
	Half-duplex	125.95
	Full-duplex	143.91

2. Interexchange		<u>Rate Per Month</u>
a. Recurring		
(1)	Interexchange Channel, per mile	\$ 3.59
(2)	Channel Terminal, per terminal	44.89
(3)	Local Channel, each	
	(a) Type 3001	
	Half-duplex	29.46
	Full-duplex	35.18
	(b) Type 3002	
	Half-duplex	36.31
	Full-duplex	43.29
	(c) Type 3040	36.31
	(d) Type 3041	43.29
(4)	Interoffice Channel, per mile	
	(a) Type 3001, 3002	
	Half-duplex	
	First mile	21.55
	Each additional mile	8.84
	Full-duplex	
	First mile	25.14
	Each additional mile	10.64
	(b) Type 3040	
	First mile	21.55
	Each additional mile	8.84
	(c) Type 3041	
	First mile	25.14
	Each additional mile	10.64
(5)	Extension within the same building or in different buildings on the same continuous property	
	Type 3001, 3002	
	Half-duplex	1.06
	Full-duplex	2.13
b. Nonrecurring		
		<u>Initial Charge</u>
(1)	Per Local Channel	
	(a) Type 3001	
	Half-duplex	\$125.95
	Full-duplex	143.91
	(b) Type 3002	
	Half-duplex	125.95
	Full-duplex	143.91
	(c) Type 3040	125.95
	(d) Type 3041	143.91
(2)	Per extension within the same building or in different buildings on the same continuous property	
	(a) Type 3001	
	Half-duplex	125.95
	Duplex	143.91

	(b) Type 3002	
	Half-duplex	125.95
	Full-duplex	143.91
3.	Removal of Load-Coils and/or Bridge-Tap Per Cable Opening	755.31

3.2.6 Series 6000 Channels  
C. Rates

1. Intraexchange Channels and Local Channels

	<u>Initial Charge</u>	<u>Rate Per Month</u>		
a. For the first two station terminations of a channel within the same building or of a channel between buildings on the same continuous property.				
Type 6003	\$158.28			\$ 2.12
Type 6005	158.28			14.76
Type 6007	158.28			31.92
b. Between stations on non-continuous property				
	<u>Initial Charge</u>	<u>Rate Per Month</u>		
	All Types	Type <u>6003</u>	Type <u>6005</u>	Type <u>6007</u>
For the first mile or fraction thereof (To be applied to each section of a multi-point channel)	\$125.95	\$18.75	\$25.34	\$31.99
Each additional 1/2 mile or fraction thereof		6.05	8.25	8.84
c. For each additional station termination of a. and b. above within the same building or in different buildings on the same continuous property.				
		<u>Initial Charge</u>	<u>Rate Per Month</u>	
Type 6003		\$125.95		\$ 1.06
Type 6005		125.95		7.38
Type 6007		125.95		15.96

2. Interexchange Channels

	<u>Initial Charge</u> All Types	<u>Rate Per Month</u>		
		Type <u>6003</u>	Type <u>6005</u>	Type <u>6007</u>
Each mile or fraction thereof	\$125.95 per station	\$15.96	\$ 28.20	\$ 33.18
Station connection, each	-	\$114.98	\$309.56	\$508.53

3. Terminal Coils

	<u>Monthly Rate</u>
Terminal coils, where required, each	\$1.73

3.3 Alternate Use Arrangements

3.3.3 Rates

A. Per Alternate Use Arrangement

	<u>Initial Charge (1)</u>	<u>Rate Per Month</u>
1. Series 1000		
(1) Arrangement a	\$ 125.95	\$ 2.53
(2) Arrangement b	125.95	2.53
2. Series 2000		
(1) Arrangement a	125.95	2.53
(2) Arrangement b	125.95	46.35
(3) Arrangement c	125.95	19.75
(4) Arrangement d	125.95	19.75
(5) Arrangement e	125.95	2.53
3. Series 3000		
(1) Arrangement a	125.95	2.53
(2) Arrangement b	125.95	2.53

3.4 Conditioning - General Purpose

Series 3000

B. Rates

Type C1 conditioning is included in the basic channel charge

1. Intraexchange

	<u>Initial Charge</u>	<u>Rate Per Month</u>
a. Same Continuous Property		
(1) Type C2, per point	\$ 35.98	\$ 3.86
(2) Type C4, per point	35.98	3.86
(3) Type C6, per point	35.85	23.34
(4) Type D1, per channel on a two-point channel not arranged for switching	71.89	23.14

b.	Non-Continuous Property		
(1)	Type C2, per point	62.98	12.64
(2)	Type C4, per point	62.98	15.10
(3)	Type C6, per point	62.98	23.34
(4)	Type D1, per channel	125.95	23.14
	On a two-point channel not arranged for switching		

2. Interexchange

Where an interexchange private line service switching arrangement is provided, each termination of a channel in the switch is considered a point.

a.	Type C2, per point	125.95	2.13
b.	Type C4, per point	125.95	4.39
c.	Type C6, per point	125.95	23.34
d.	Type D1, per channel	125.95	23.14
	On a two-point channel not arranged for switching		

4. EQUIPMENT

4.2 Voice Communicating Equipment

4.2.1 Signaling Options

		<u>Initial Charge</u>	<u>Rate Per Month</u>
A.	Intraexchange		
1.	Automatic Signaling		
	Per station or group of stations arranged to signal another station or group of stations		
	Same Continuous Property	\$ 71.89	\$ 5.52
	Non-Continuous Property	125.95	5.52
2.	Key Signaling		
	Per station or group of stations arranged to signal another station or group of stations		
	Same Continuous Property	71.89	3.26
	Non-Continuous Property	125.95	3.26
	A signaling Key is required. This may be provided by the customer by the customer or by the Telephone Company at the customer's request.		
3.	Loop Signaling - Type 2001 per local channel	125.95	3.26



The DC resistance specification does not imply or guarantee end-to-end DC continuity. The customer can expect to be provided a loop meeting the same limits as the normal central office loop, i.e., not exceeding

1300 ohms, exclusive of a 200 ohm maximum terminal equipment resistance.

4.	E&M Signaling Per Local Channel		
	a. Type 2001	125.95	18.02
	b. Type 2001CA, 2001CB	125.95	19.88

B. Interexchange

1.	Automatic Signaling Per station or group of stations arranged to signal another station or group of stations	125.95	5.52
2.	Key Signaling Per station or group of stations arranged to signal another station or group of stations	125.95	1.06

A signaling Key is required. This may be provided by the customer by the customer or by the Telephone Company at the customer's request.

3.	Loop Signaling - Type 2001 Local Channel		
	The DC resistance specification does not imply or guarantee end- to-end DC continuity. The customer can expect to be provided a loop meeting the same limits as the normal central office loop, i.e., not exceeding 1300 ohms, exclusive of a 200 ohm maximum terminal equipment resistance.	125.95	9.91
4.	Types A, B and C Signaling, Per Type 2001B Circuit(2)		

a.	Type A - Furnished for use with Class A PBX ports, which include PBX's capable of operation over loops with resistance in the range of 0-199 ohms.	251.84	24.21
b.	Type B - Furnished for use with Class B PBX ports, which include PBX's capable of operation over loops with resistance in the range of 200-899 ohms.	251.84	20.62
c.	Type C - Furnished for use with Class C PBX ports, which include PBX's capable of operation over loops with resistance in the range of 900 ohms or more	251.84	9.91
5.	E&M Signaling		
a.	Per Type 2001 Local Channel	125.95	2.13
b.	Per Type 2001CA, 2001CB Local Channel	125.95	19.88

4.2.2 Miscellaneous and Special Items  
E. Private Line Conference Service

	<u>Initial Charge</u>	<u>Rate Per Month</u>
First station, per customer location	-	\$33.18
Each additional station on the same continuous property	-	7.12

4.3 Data Communicating Equipment  
4.3.3 DATAPHONE Select-A-Station Service  
C. Rates

	<u>USOC</u>	<u>Initial Charge</u>	<u>Rate Per Month</u>
1. PDSS			
a.	Common equipment	DSG	\$246.05
b.	Channel Connections		\$243.39
	-per 2-wire channel connected	DSK	5.32
	-per 4-wire channel connected	DSP	19.62

2.	SDSS			
	a.	Common equipment	DSQ	246.05      243.39
	b.	Channel Connections		
		-per 2-wire channel		
		connected	DSR	5.32
		-per 4-wire channel		
		connected	DSZ	19.62
3.	SCU			
	a.	First SCU; includes		
		initial SCU connection		
		and common equipment for		
		up to 5 SCU's.	DSE	113.05      98.02
	b.	Each additional SCU con-		
		nection, up to a maxi-		
		mum of four	DSF	17.62
	c.	Spare SCU connection (re-		
		duces the SCU connection		
		capacity by one)	DS2	63.84      41.16
5.	(RESERVED)			

MOBILE TELEPHONE TARIFF  
PSC NO. 2

## MOBILE TELEPHONE SERVICE

## D. RATES

## 1. General Service

## b. Message Rate Service

- (4) The minimum monthly service charge for mobile stations is as follows:

	<u>Monthly Rate</u>
(1) Radio link, each station	\$29.09
(2) Wire line, each station	24.16