

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

* * * * *

In the Matter of:

NOTICE OF CONTINENTAL TELEPHONE)
COMPANY OF KENTUCKY OF AN ADJUST-) CASE NO. 8182
MENT IN ITS INTRASTATE RATES)

O R D E R

PROCEDURAL BACKGROUND

Continental Telephone Company of Kentucky ("Applicant") filed its notice with the Commission on March 30, 1981, wherein it proposed to increase its intrastate telephone rates for service rendered by \$3,872,226 annually to become effective on April 20, 1981. In order to determine the reasonableness of the proposed increase in rates, the Commission, by Order dated April 1, 1981, suspended the proposed rates for a period of five months after the effective date of the notice.

By its Order dated April 3, 1981, the Commission set a public hearing in this matter for May 4, 1981. Applicant published notice of the proposed rates and of the date, time and place of the hearing pursuant to Kentucky Revised Statutes and the Commission's regulations. The hearing was held as scheduled with the Consumer Protection Division of the Attorney General's Office ("Attorney General") being the sole intervenor present. The Applicant, through its prepared testimony, increased its request by \$141,691 to reflect the accounting changes permitted

in the Federal Communications Commission's Order in Docket No. 79-105, released March 31, 1981.

The Commission, by its Order dated May 6, 1981, scheduled a hearing for August 4, 1981, for the purpose of cross-examination of all parties. This hearing was held as ordered.

Briefs were filed with the Commission by August 24, 1981. The entire record, including the Applicant's responses to numerous requests for additional information, was then submitted to the Commission for final determination.

ANALYSIS AND DETERMINATION

Test Period

The Applicant proposed, and the Commission has accepted, the calendar year ending December 31, 1980, as the test period in this matter for purposes of determining the reasonableness of the proposed rates. In accordance with Commission policy, pro forma adjustments have been included when found appropriate.

Valuation Methods

Net Investment

The Applicant proposed a Kentucky intrastate net investment rate base of \$51,789,700⁽¹⁾ at December 31, 1980. The Commission has accepted this rate base with two exceptions. First, the Applicant's proposed rate base included a cash working capital requirement of \$1,000,158 for intrastate operations. Consistent with past policy, this proposal has been deleted from the rate

(1) Miller Exhibit 1, Schedule 4.

base, as the Applicant bills in advance for local service. Second, the Applicant proposed several adjustments to depreciation expense, but failed to reflect these adjustments in its reserve for depreciation. The Commission has modified Applicant's proposal to adjust the service life of station apparatus. Moreover, the Commission has delayed action on the Applicant's proposal to implement the remaining-life depreciation method. (These proposed adjustments to depreciation will be discussed in a subsequent section of this Order.) Therefore, the Commission has increased Applicant's reserve for depreciation by \$35,077 on an intrastate basis.

Based upon the above adjustments, the Commission finds the appropriate Kentucky intrastate net investment rate base in this matter to be \$50,754,465 at December 31, 1980, calculated as follows:

Telephone Plant in Service	\$ 71,535,801
Construction Work In Progress	1,097,783
Materials and Supplies	561,494
Subtotal	<u>\$ 73,195,078</u>
Less:	
Accumulated Depreciation Reserve	\$ 15,179,377
Accumulated Deferred Income Taxes	7,261,236
Subtotal	<u>\$ 22,440,613</u>
Net Investment	<u>\$ 50,754,465</u>

Capital Structure

Applicant's capital structure was composed of total debt, including short-term debt, of 57.2%, preferred stock of 2.7% and common equity of 40.1% at December 31, 1980.⁽²⁾ In addition,

(2) Moul Exhibit 1, Schedule 2.

Applicant estimated its capital structure at December 31, 1981, to be composed of long-term debt of 55.6%, short-term debt of 0.8%, preferred stock of 2.5% and common equity of 41.1%.⁽³⁾

The Attorney General's witness recommended a capital structure at December 31, 1980, composed of total debt of 57.24%, preferred stock of 2.65% and common equity of 40.11%.⁽⁴⁾ The Commission concludes that there is no material difference in the capital structures proposed by the Applicant and the Attorney General, and has used the December 31, 1980, capital structure recommended by the Attorney General.

Applicant's capital base at December 31, 1980, was \$59,882,390.⁽⁵⁾ To this amount, the Commission has added the December 31, 1980, balance of unamortized investment credit ("JDIC") of \$3,046,607.⁽⁶⁾ This is consistent with the Internal Revenue Service regulations concerning JDIC. In further calculations, the overall cost of capital is assigned to JDIC. In addition, the Commission has reduced the capital base by the December 31, 1980, balances of miscellaneous physical property

(3) Moul Exhibit 1, Schedule 2.

(4) Legler Exhibit 1, Schedule 20.

(5) Response to Staff Request No. 1, Item 25-C, page 1 of 3.

(6) Response to Staff Request No. 1, Item 3-I.

and other investment totaling \$138,231.⁽⁷⁾ These balances were excluded to reflect the deregulation of customer-provided equipment as approved in the Commission's Order in Case No. 7790 dated September 26, 1980. Therefore, the Commission finds the combined interstate/intrastate capital base to be \$62,790,766.

The Commission has allocated this combined capital base to intrastate operations based on the ratio of intrastate net investment to combined net investment.⁽⁸⁾ This allocation results in an intrastate capital base of \$51,017,497. The following schedule shows the capital structure ratio and the capital base that the Commission finds reasonable for the Kentucky intrastate operations:

	<u>Combined Amount</u>	<u>Allocation Factor</u>	<u>Intrastate Amount</u>	<u>Ratio %</u>
Common Equity	\$25,183,989	0.8125	\$20,461,991	40.11%
Preferred Stock	1,667,072	0.8125	1,354,496	2.65%
Total Debt	35,939,705	0.8125	29,201,010	57.24%
Capital Base	<u>\$62,790,766</u>		<u>\$51,017,497</u>	<u>100.00%</u>

The Commission is aware of other methods of valuation than those which were included in the evidence of record. The Commission has, however, given due consideration to all elements of value as required by Kentucky law in determining rates which are fair, just and reasonable.

(7) Response to Staff Request No. 1, Item 1-B, page 1 of 2.

(8) $\$50,754,465 \div \$62,463,739 = 0.8125$.

Revenues And Expenses

The Applicant had intrastate net operating income of \$3,550,556⁽⁹⁾ for the test period ended December 31, 1980. In order to reflect current operating conditions more clearly, the Applicant proposed several adjustments to revenues and expenses that resulted in an adjusted test period net operating income of \$3,917,259.⁽¹⁰⁾ The Commission finds these adjustments generally to be proper, and they have been adopted as proposed with the following exceptions:

Toll Service Revenues

The Applicant and South Central Bell ("SCB") use the cost method for determining the Applicant's share of toll revenues generated by the Kentucky intrastate toll network. Under this method, Applicant receives from SCB its actual intrastate toll operating expenses plus a return on its Kentucky intrastate toll rate base equal to the return achieved by SCB on SCB's intrastate rate base.

The Applicant proposed an adjustment to increase its interstate/intrastate toll service revenues by \$953,275⁽¹¹⁾ prior to the consideration of accounting changes to station connections.

(9) Response to Staff Request No. 1, Item 1-A, page 3 of 4.

(10) Miller Exhibit 1, Schedule 6.

(11) Miller Exhibit 1, Schedule 3B, page 1 of 3.

The intrastate portion of this adjustment is \$423,634, determined by taking the difference between adjusted intrastate toll service revenue and test period intrastate toll service revenue.⁽¹²⁾

The Applicant proposed an additional adjustment of \$70,571⁽¹³⁾ to intrastate toll revenue to reflect the flash-cut approach for expensing station connections. The purpose of these adjustments was twofold. First, since the Applicant receives intrastate toll expenses from SCB, any increase in expenses will also be received from SCB. Thus, toll service revenue was increased to reflect that portion of the increase in pro forma expenses applicable to intrastate toll operations. Second, an adjustment was made to reflect any perceived increase or decrease in SCB's achieved return on Kentucky intrastate operations. Applicant's proposal was calculated using a return of 7.76%, SCB's 1980 achieved intrastate rate of return. It contended that if SCB was granted a higher return, it would not necessarily be achieved, although it could have an impact on the level of toll revenues received through the settlement process.

In Case No. 8150, decided August 11, 1981, SCB was granted rates to produce an 11.34% rate of return on Kentucky intrastate operations. In determining reasonable rates in that case, the Commission made adjustments for known changes in revenues and

(12)

Response to Staff Request No. 1, Item 23-C (\$5,630,694 - \$5,207,060 = \$423,634).

(13)

Miller Exhibit 1, Schedule 6A, page 1 of 2.

expenses in order to provide SCB with a reasonable opportunity to achieve the rate of return found to be fair. The Commission is of the opinion that SCB's rates will allow it, under prudent, efficient management, an opportunity to achieve the 11.34% rate of return found to be fair. In determining the increase in intrastate toll service revenues in this case, the Commission has used the same rate of return of 11.34%. Using Applicant's methodology and incorporating other Commission adjustments to the proposed level of operating expense, income tax deductions and tax rates, the Commission has increased Applicant's adjusted intrastate toll service revenue by \$584,494.

Employee Concession Service

The Commission has increased Applicant's local service revenues by \$27,005 to reflect the additional revenues available in the absence of employee discounts on local service.⁽¹⁴⁾

The Commission has made similar adjustments in cases involving the Applicant and other telephone companies and finds this adjustment to be in the public interest.

Advertising-Institutional

Under the regulations of the Commission, institutional advertising expenses or expenses for advertising made to strengthen corporate image are not valid expenses for the ratepayer to bear. Therefore, the Commission has reduced Applicant's intrastate

(14)

Response to Staff Request No. 1, Item 9.

operating expenses by \$12,066 to eliminate Applicant's institutional advertising incurred during the test period.⁽¹⁵⁾

Contributions

This Commission has adopted the Federal Communications Commission's Uniform System of Accounts for Class A and B Telephone Companies, which requires that contributions be accounted for "below the line." Therefore, the Commission has eliminated contributions of \$535 included in intrastate operating expenses during the test period.⁽¹⁶⁾

Capital Recovery: Station Connections

On March 31, 1981, the Federal Communications Commission ("FCC") issued its decision in Docket No. 79-105 concerning the accounting treatment for station connections. Station connections include the labor, materials (primarily wiring), supplies and other items involved in the installation, disconnection and reconnection of equipment necessary to connect the customer to the telephone network.

Prior to this FCC decision, all station connection costs were capitalized in Account 232. This allowed a new customer to enter the system at a price lower than the total cost of installation, with the remaining costs being financed by and recovered from the general subscriber body. As the cost of

(15) Response to Hearing Request for Summary of Service Corporation Billing $\times .7762 = \$12,066$.

(16) Response to Staff Request No. 1, Item 13-C.

labor and overhead increased and the population moved more frequently, the balance in this account grew dramatically. As a result, the FCC undertook an analysis of the account and the principles underlying the accounting methodology. The FCC determined that the "inside wiring" portion of the station connection should be expensed rather than capitalized. Its plan calls for the amortization of the embedded costs of inside wiring over a ten-year period and the expensing of all new inside wiring under either a phase-in period of four years or a flash-cut approach which requires current expensing.

Applicant proposed to flash-cut current station connection cost. In its decisions in South Central Bell Telephone Company, Case No. 8150, General Telephone Company of Kentucky, Case No. 8045, and Cincinnati Bell, Inc., Case No. 8174, the Commission adopted the phase-in approach for expensing the current cost of new connections. The Commission adopted this approach in order to reduce the immediate impact on the ratepayer and to provide for gradual implementation of this accounting change. The Commission finds no compelling reasons to change its policy in this case. The expensing of station connections under a phase-in approach together with the amortization of the existing balance in the station connections account over ten years result in a net reduction to intrastate operating expense of \$334,158. This reduction represents an increase of \$46,805 to depreciation expense and a decrease of \$380,963 to maintenance expense. In

computing these adjustments, the Commission used a 13% depreciation rate in lieu of the 13.5% rate used by the Applicant in its revised Exhibit 1, Schedule 6A.

Consistent with its decisions in other recent telephone cases, the Commission will grant the Applicant the opportunity to file tariffs in October of 1982, 1983 and 1984 to recover the increase in operating costs caused by the expensing of station connections. These annual filings are limited specifically to station connection expense increases. Applicant must demonstrate, based on actual results adjusted solely for the effect of rate increases, that absorption of these increased costs would result in its inability to achieve the return on equity allowed in this Order.

Capital Recovery: Depreciation Expense

Applicant proposed an increase in its annual depreciation expense for combined interstate/intrastate operations of \$1,186,131.⁽¹⁷⁾ This included \$619,034 resulting from depreciation rescription using the remaining-life method, \$35,624 from the change in depreciation rate for station connections from 13.0% to 13.5%, \$199,914 from the rescription of leasehold improvements, station apparatus and PBX accounts and \$331,559 to reflect the end-of-period balances of depreciable plant in service. The intrastate level of these adjustments was \$500,366, \$28,795, \$161,590 and \$267,999,⁽¹⁸⁾ respectively.

(17) Miller Exhibit 1, Schedule 3I.

(18) Combined adjustments x .8083 (intrastate depreciation expense factor).

As justification for using the remaining-life method, the Applicant relied on the FCC's report and Order in Docket No. 20188, dated November 6, 1980, which specifically amended Part 31 of the "Uniform System of Accounts for Class A and B Telephone Companies" ("Uniform System") to permit depreciable property to be placed in groups comprised of units with expected equal life for depreciation under the straight-line method. Additionally, the FCC noted that some parts of its rules explicitly provide for the remaining-life method and that it would, therefore, permit the use of this method for all accounts. Because this Commission has in the past adopted the FCC's Uniform System, it is now faced with a request in this proceeding to permit the adoption of these depreciation changes for Applicant's intrastate properties.

Under the remaining-life method, the original cost of plant less the accrued depreciation reserve and estimated future salvage is spread over the estimated remaining life of the property. In other words, the remaining-life method assumes that the current prediction of remaining life is correct and attempts to allocate any unrecovered costs over that time period.

One requisite for implementation of the remaining-life technique is the ability to determine the current net unrecovered cost, which in turn requires the current reserve for depreciation attributable to the particular book balance of investment. Applicant maintains its reserves for depreciation in sufficient detail to determine the book balance of investment at the account level.

Since the remaining-life method is not new and it is a recognized methodology used by many regulators, the Commission will permit its use. Implementation will be deferred to allow the Commission to study the FCC's decision in Docket No. 20188, so that the remaining-life method may be applied in a consistent manner to all regulated telephone utilities in this jurisdiction. Therefore, the Commission has reduced Applicant's proposed level of intrastate depreciation expense by \$500,366.

Although the Applicant has not adjusted its depreciation rates to reflect the use of the equal life group method for new plant, it indicated that it would likely propose this method for the outside plant accounts in 1981.⁽¹⁹⁾ Consistent with the FCC Order in Docket No. 20188, the Commission will adopt the change to the Uniform System which will permit the use of equal life group depreciation at Applicant's option. Moreover, subsequent to the publication of the Commission's policy on the FCC's amendments to the Uniform System, the Commission, as part of this proceeding, will permit the Applicant to file, on 20-days' notice, new tariff charges reflecting the dollar amount change resulting from the Commission's approval of Applicant's increased depreciation expense.

The Commission wishes to stress to the Applicant that it does not favor a retroactive adjustment to depreciation rates.

(19)
Transcript of Evidence, page 18.

It is the Commission's position that represcription of depreciation rates and methods of this magnitude should be prospective rather than retroactive.

Since the Applicant proposed to implement the accounting treatment for station connections ordered by the FCC in its decision in Docket No. 79-105, it chose not to pursue its proposed change in the depreciation rate for station connections. Therefore, the Commission has reduced Applicant's adjusted level of operating expense by \$28,795.

In addition, the Commission requested the Applicant to provide a revised calculation for its proposed change in the average service life of Account 231, Station Apparatus, from an historical life of 12 years to a projected life of 8 years subsequent to 1981. This would increase the depreciation rate from 8.3% to 11.1% resulting in an increase in depreciation expense of \$128,374. The Commission has accepted an historical life of 12 years and a projected life of 10 years, resulting in a depreciation rate of 9.5% and an increased depreciation expense of \$55,017. Therefore, the Commission has reduced Applicant's proposed adjustment to combined interstate/intrastate operating expense by \$73,357, of which \$59,294 pertains to intrastate operations.

Intrastate operating expense has been reduced by a total of \$588,455. This amount, when combined with the increase in depreciation for station connections of \$46,805, results in a net reduction of \$541,650. The proposed adjustment to intrastate depreciation was \$576,727. Thus, the overall adjustment to

intrastate depreciation expense and the amount of the adjustment the Commission has made to Applicant's reserve for depreciation in determining the net investment rate base is \$35,077.

Tax Effect of Adjustments

Applicant incorporated its adjustments in calculating its state and federal income tax expenses. These adjustments not only pertained to intrastate operating revenues and expenses, but also to fixed charges and other income tax deductions not recorded on the books.

Applicant proposed intrastate fixed charges of \$2,175,167 based on the weighted debt cost of its proposed intrastate rate base. The amount of fixed charges allowed is \$2,333,161, an increase of \$157,994, which was determined by applying the embedded cost of debt to the level of intrastate debt found appropriate herein. ⁽²⁰⁾

Applicant, in its determination of adjusted test period income tax expense, added intrastate depreciation on expenses capitalized in the amount of \$176,717. This amount had been determined using Applicant's proposed level of depreciation expense having a composite rate of 7.05% as determined from Miller Exhibit 1, Schedule 3I. The Commission has adjusted this amount by \$20,805 ⁽²¹⁾ to reflect the composite rate of depreciation found reasonable herein of 6.22%.

⁽²⁰⁾ $\$29,201,010 \times 7.99\% = \$2,333,161.$

⁽²¹⁾ $\$176,717 \div 7.05\% \times (7.05\% \text{ less } 6.22\%) = \$20,805.$

The Commission must now determine the appropriate adjustments to income taxes, as it has made adjustments to the Applicant's proposed adjusted intrastate operating revenues and operating expenses totaling \$1,546,651, including an increase in uncollectible revenue of \$62⁽²²⁾ and a reduction of \$178,799 to reflect changes in fixed charges and depreciation on expenses capitalized. The above adjustments increase taxable income by \$1,367,852. This amount, at the appropriate Kentucky state rate of 6% for amounts in excess of \$100,000, results in an increase in Applicant's proposed level of state income taxes of \$82,071. Further, the Commission has adjusted state income taxes by an additional \$4,640 to reflect the appropriate state tax rates.

The Commission has increased federal income taxes to reflect its adjustments to taxable income less its adjustment to state income taxes. The net increase in intrastate federal taxable income is \$1,281,141, which at 46% produces an adjustment to federal income taxes of \$589,325. The Commission has also reduced federal income taxes by \$19,250 to reflect the appropriate tax rates for taxable income less than \$100,000, for a net adjustment to federal income taxes of \$570,075.

(22)
 $\$27,005 \times 0.227\% = \$62.$

Summary of Adjusted Operating Income

The Commission, based on the foregoing analysis, has determined Applicant's appropriate intrastate adjusted test period operating income level to be \$4,807,124 as follows:

	<u>Applicant's Proposed</u>	<u>Commission's Exceptions</u>	<u>Found Reasonable</u>
Operating Revenues	\$19,282,059	\$ 611,437	\$19,893,496
Operating Expenses	15,364,800	(278,428)	15,086,372
Net Operating Income	<u>\$ 3,917,259</u>	<u>\$ 889,865</u>	<u>\$ 4,807,124</u>

RATE OF RETURN

Cost of Debt and Preferred Stocks

Applicant proposed to use its estimated cost rates for December 31, 1981, of 7.81% for long-term debt, 12.50% for short-term debt and 9.43% for preferred stock.⁽²³⁾ Dr. Legler, witness for the Attorney General, recommended cost rates of 8.03% for total debt and 9.38% for preferred stock.⁽²⁴⁾ At the end of the test period, the embedded cost of long-term debt was 7.65% and the embedded cost of preferred stock was 9.45%.⁽²⁵⁾ Over the past 12 months, the bank prime rate averaged 18.1%.⁽²⁶⁾ A cost rate of 7.99% for total debt would cover the end of the test period embedded long-term debt costs and allow a 19.0% cost

(23) Moul Exhibit 1, Schedules 3 and 4.

(24) Legler Exhibit 1, Schedule 20.

(25) Moul Exhibit 1, Schedules 3 and 4.

(26) Average of bank prime loan rates for 12 months ended August 1981, Federal Reserve Statistical Release.

rate for short-term debt. Having considered the evidence of record and recent trends in interest rates, the Commission is of the opinion that cost rates of 7.99% for total debt and 9.45% for preferred stock are reasonable and will be adopted for the purpose of determining the cost of capital in this case.

Cost of Equity

Applicant's witness, Mr. Moul, recommended a return on common equity of 16% to 17%.⁽²⁷⁾ Dr. Legler recommended a return of 13.35% to 14.78%.⁽²⁸⁾ The Commission is of the opinion that a range of returns on equity of 13.5% to 14.5% is fair, just and reasonable. The Commission has determined that a return in this range would not only allow Applicant to attract capital at reasonable costs to insure continued service and provide for necessary expansion to meet future requirements, but also would provide for the lowest possible cost to the rate-payer. Within this range of returns the Commission finds that a return on common equity of 14.25% will allow Applicant the best opportunity to attain the above objectives.

Rate of Return Summary

Application of the costs of capital found to be fair, just and reasonable in the above discussion to the capital structure components approved herein produces a weighted cost of capital of approximately 10.54%. This cost of capital produces a rate

(27) Moul Testimony, page 49.

(28) Legler Testimony, page 50.

of return on Applicant's net investment rate base of 10.59%, which the Commission finds is the fair, just and reasonable compensation for the service it renders to its customers.

Authorized Increase

The additional revenue required, based on the rate of return found fair herein, is \$1,091,605, computed as follows:

Adjusted Net Operating Income	\$4,824,154	(29)
Net Operating Income Found Reasonable	5,376,995	
Deficiency	552,841	
Deficiency Adjusted for Taxes and Uncollectibles, or Increase	<u>\$1,091,605</u>	(30)

RATE AND TARIFF DESIGN

Aside from exchange regrouping, Applicant proposed only one tariff change, involving vacation and seasonal service. The proposal would change the method of billing for this service from a percentage of access line and station set charges to a percentage of access line charges only. Other billable services, including station sets, would be charged at the regular full rate. The Commission has no objection to this proposal.

Applicant also proposed to regroup the Manchester and Oneida exchanges, on the basis that main station requirements for regrouping have been exceeded since February 1980. The

(29) Includes Interest During Construction of \$17,030.

(30) $(\$552,841 \div .5076) \div .99773 = \$1,091,605.$

Commission has no objection to this proposal, but finds it unusual that regrouping was deferred well over a year. The Commission encourages Applicant to accomplish regrouping on a more timely basis.

The Commission has thoroughly considered Applicant's various rate proposals and has made adjustments in the area of local exchange rates, station set rates, and service charges. Other rate proposals have not been adjusted. The Commission is of the opinion that these adjustments are fair, just and reasonable and should be authorized as prescribed in Appendix A.

FINDINGS AND ORDER

The Commission, after consideration of the evidence of record and being advised, finds that:

1. The rates proposed by the Applicant would produce revenues in excess of the revenues found reasonable herein and should be denied upon application of KRS 278.030.
2. The rates and charges in Appendix A, attached hereto and made a part hereof, are the fair, just and reasonable rates for Applicant to charge its customers for telephone service.
3. The implementation of the remaining-life method of depreciation should be deferred pending the adoption by the Commission of a policy applicable to all regulated telephone utilities under its jurisdiction. Subsequent to the publication of the Commission's policy, the Applicant will be permitted to file, on 20-days' notice, tariffs to produce the revenues required to offset the additional depreciation charges found appropriate and reasonable.

4. Applicant's proposed tariff change in vacation and seasonal service is fair, just and reasonable and should be approved.

5. Applicant's proposed regrouping of the Manchester and Oneida exchanges is fair, just and reasonable and should be approved.

IT IS THEREFORE ORDERED that the proposed rates and charges as set forth in Applicant's notice of March 30, 1981, be, and the same are hereby denied.

IT IS FURTHER ORDERED that Applicant is hereby authorized to place into effect the rates and charges contained in Appendix A for all service rendered on and after September 20, 1981.

IT IS FURTHER ORDERED that Applicant's proposed tariff change in vacation and seasonal service be, and it hereby is approved.

IT IS FURTHER ORDERED that Applicant's proposed regrouping of the Manchester and Oneida exchanges be and it hereby is approved.

IT IS FURTHER ORDERED that within 20 days of the date of this Order, Applicant shall file its tariff sheets setting forth the rates approved herein.

Done at Frankfort, Kentucky, this the 21st day of September, 1981.

PUBLIC SERVICE COMMISSION

Marlin M. Vohs
Chairman

Katherine Bandall
Vice Chairman

L. M. Carver
Commissioner

ATTEST:

Secretary

APPENDIX A

APPENDIX TO AN ORDER OF THE PUBLIC SERVICE
COMMISSION IN CASE NO. 8182 September 21, 1981

The following rates are prescribed for the customers in the area served by Continental Telephone Company of Kentucky. All other rates and charges not specifically mentioned herein shall remain the same as those in effect under authority of the Commission prior to the date of this Order.

GENERAL EXCHANGE TARIFF

LOCAL EXCHANGE SERVICE

VI. MONTHLY ACCESS LINE RATES

<u>Access Line</u>	<u>Rate Group</u>					
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
<u>Business</u>						
1-Pty.	\$19.90	\$20.40	\$20.90	\$21.35	\$21.85	\$22.30
4-Pty.	13.25	13.60	13.90	14.15	14.45	14.75
<u>Business</u>						
Trunk	55.10	56.35	57.50	58.75	59.90	61.15
Key Line	41.95	42.90	43.90	44.85	45.80	46.75
Semi-public	33.05	33.80	34.50	35.25	35.95	36.70
<u>Residence</u>						
1-Pty.	11.65	11.95	12.25	12.40	12.85	13.15
4-Pty.	9.00	9.15	9.45	9.60	9.85	10.00
Key Line	24.90	25.45	26.10	26.40	27.25	27.90
	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>Special*</u>
<u>Business</u>						
1-Pty.	22.85	23.30	23.80	24.30	24.76	16.70
2-Pty.	-	-	-	-	-	14.65
4-Pty.	15.00	15.35	15.55	15.85	16.19	11.50
<u>Business</u>						
Trunk	62.45	63.65	64.85	66.05	67.25	47.45
Key Line	47.80	48.80	49.75	50.70	51.65	35.65
Semi-public	37.50	38.20	38.95	39.60	40.36	28.45
<u>Residence</u>						
1-Pty.	13.40	13.75	14.05	14.35	14.64	7.90
2-Pty.	-	-	-	-	-	6.60
4-Pty.	10.15	10.45	10.60	10.85	11.02	5.70
Key Line	28.45	29.10	29.70	30.25	30.88	17.80

* Cumberland Exchange

SERVICE CHARGES

III. SCHEDULE OF CHARGES

	<u>Business</u>	<u>Residence</u>
Service Order		
Primary, each	\$20.00	\$14.00
Secondary, each	6.00	4.00
Premise Visit, each	10.00	10.00
Central Office Work, each	25.00	25.00
Inside Wiring, each	20.50	13.50
Jack		
Standard, each	3.00	3.00
Other	See Section 13,	
Equipment Work, each	8.00	4.00

MILEAGE

III. MILEAGE CHARGES

A. General

1. Individual line or private branch exchange trunk line
per one-fourth mile or fraction thereof, per month ... \$1.00

MISCELLANEOUS SERVICE ARRANGEMENTS AND
AUXILIARY EQUIPMENT

IX. AUXILIARY BELLS

B. Rates

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
1. Bells		
a. Operated by power from central office	.70	Basic
(1) Inside mounting Telephone bell in box as extension		

X. ADDITIONAL SET SERVICE

C. Rates and Charges

Additional set service,
each

Monthly
Rate

Equipment Work
Charge

See Applicable Telephone Set
Charge, this section

XVIII. STANDARD TELEPHONE SETS

B. Rates

Standard Telephone Set
Rotary: Business
Residence
Touch Calling
Business
Residence

Monthly
Rate

Equipment Work
Charge

\$ 2.00
1.50
2.35
1.85

XXII. RADIO PAGING SERVICE

C. Rates

1. Irvine Exchange

a. Radio Paging Service including
one receiver, batteries not
included

Tone Paging
Voice Paging

\$17.40
22.90

See Section 4
See Section 4

b. Additional Receiver, each

Tone
Voice

12.40
17.90

See Section 4
See Section 4

INTERCONNECTIONS WITH COMMUNICATIONS EQUIPMENT
PROVIDED BY THE CUSTOMER

VI. RATES

- A. Data Access Arrangement for connection of customer provided data transmitting and/or receiving equipment:

	Monthly Rate	Equipment Work Charge
(1) Paging Coupler (PCJ53050F, L1)	\$ 14.90	\$121.00
(2) 1001B Data Coupler	\$ 5.75	Basic

- B. Connecting arrangement to provide for automatic connection of customer provided voice transmitting and/or receiving terminal equipment.

	Monthly Rate	Equipment Work Charge
(1) 20721-L1 Voice Coupler, per line equipped	\$ 9.80	Basic
(2) 20721-L2 Voice Coupler, per line equipped	\$ 13.85	Basic

- C. Recording, Reproducing, and Automatic Answering and Recording Equipment Provided by the Customer

	Monthly Rate	Equipment Work Charge
(1) Recorder Connector Equipment		
For the connection of attended customer provided recording equipment with the facilities of the Company		
Jack for portable recorder connector equipment:	\$.60	Basic*

- * No equipment work charge applies for portable recorder connector equipment or where permanent recorder connector equipment is installed at the time the jack for portable equipment is removed.

- F. Key Systems provided by the Customer

	Monthly Rate	Equipment Work Charge
(1) CAC K-1-2 (RR) Coupler	\$ 7.50	Basic

OBSOLETE SERVICE OFFERINGS

100.2 KEY TELEPHONE SYSTEMS

100.2.1 Key Strips

	<u>Monthly Rate</u>	<u>Equipment: Work Charge</u>
6 Button	\$ 6.45	\$16.00
12 Button	12.15	21.50

100.2.2 Two Talk Path Systems - Intercoms

18 Code Unit		
Rotary Dial	21.45	21.50
Touch Calling	28.60	21.50
Additional 3 code capacity (rotary or touch calling)	3.55	10.75*

100.2.3 Tie Key System 100

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Common Equipment	\$25.75	\$54.00
Additional Common Equipment: Expansionback board (addition of 9 station capacity)	5.70	21.50
Optional Equipment:		
Plug-in for all call page card (Internal)	4.65	16.00*
Line Card	1.80	-0-
Call Announcing Card	5.70	16.00*
Music on Hold without Source	2.15	16.00*
Paging Adaptor for External	1.45	16.00*
Paging Manual Intercom	1.45	16.00*
Tone Dial, per system	12.15	21.50*
Toll Restrictor (per line) requires toll restrictor cabinet	5.00	16.00*
Toll Restrictor Cabinet	7.85	21.50
19 Station Intercom	5.70	16.00
Station Set Rates:		
10 Button Rotary Dial	9.20	21.50
10 Button Output Dial	12.20	21.50
10 Button Tone Dial	10.05	21.50
10 Button Memory Output Dial	14.90	21.50
10 Button Tone Memory Dial	16.45	21.50
Supplemental Equipment:		
Exclusion per station with release	1.10	16.00*
Tone Oscillator, per station equipped	.70	16.00*

* Not applicable with original installation.

100.3 PRIVATE BRANCH EXCHANGE SERVICE

100.3.1 L55 PBX (Manual System)

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Capacity 60 lines, 10 trunks and 10 cord circuits	\$107.25	\$107.00

100.3.2 S/C 10 PABX

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Common Equipment	\$100.00	\$ 54.00
Additional Trunk Terminal, each	8.95	None
Attendants Console (4 trk. capacity)	25.00	16.00
Message Registers (35 in. capacity)	17.85	21.50
Toll Restriction, per trunk	3.55	10.75

100.3.3 S/C 30 PABX, Series Systems

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
30 6-50-6 System	\$185.00	\$268.00
30 13-50-6 System	228.80	322.00
30 13-100-12 System	286.00	376.00
30 20-100-12 System	357.00	430.00
Toll Restriction, per trunk	4.30	5.40
Line Terminals, each	1.10	None
Trunk Terminals, each	10.00	10.75
Direct Indial Trunk Terminals, each	17.85	21.50
Links, each	8.60	10.75
Conference Service		
1 trunk and 5 stations	14.30	21.50
2 trunks and 5 stations	17.85	21.50
Attendants Console (20 trunks, 100 line capacity)	31.45	54.00
Transfer Control Key for Second Attendant Set	8.60	10.75
Message Waiting, per station equipped	.70	None
Message Register, per 10 line strip	6.40	10.75
Standby Power	64.35	54.00
Paging Adapter	7.15	10.75
Code Call Unit - 36 codes	7.15	10.75
Dictation Adapter	8.60	16.00
Tie Line Terminal	17.15	21.50
Pre-determined Night Answering, per trunk	3.55	10.75

100.3 PRIVATE BRANCH EXCHANGE SERVICE (Con'd)

100.3.4 S/C 40 PABX

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Common Equipment	\$157.00	\$242.00
Line and Pre-selector Rack, each	17.85	27.00
Selector Rack, each	35.75	27.00
Connector Rack, each	51.45	27.00
Trunk Rack, wired 10 trunk, each	17.15	27.00
Power - 12 Amp Charger and 100 A.H. Batteries	64.35	54.00
Trunk Terminals	11.45	10.75
Line Terminals	1.45	None
Selectors	5.70	None
Selector-Call Transfer	5.70	None
Connectors, each	5.70	None
D.I.D. Trunk Terminals, each	21.45	21.50
Operator Trunk Terminals, call completion, each	7.15	10.75
Attendant's Turret, desk mounted	50.00	75.00
Attendant's Console, floor mounted	92.95	107.00
Conference - 1 trunk and 5 stations	21.45	16.00
Toll Restriction, per trunk	7.15	10.75
Message Waiting, per station	.70	None
Message Register, per 10 line strip	6.40	5.40
Paging Adaptor	7.15	5.40
Tie Line Terminal, each	17.15	10.75

100.3.5 S/C F40 PABX

Common Equipment	\$ 50.00	\$ 54.00
Attendant Console	21.45	32.00
Line Terminals, each	1.45	None
Trunk Terminals, each	8.60	16.00
Links, each	5.70	10.75

100.3.6 S/C F50 PABX

Common Equipment	\$107.25	\$ 54.00
Attendant Console	35.75	32.00
Line Terminals, each	1.45	None
Trunk Terminals, each	8.60	16.00
Links, each	5.70	10.75
Conference	3.55	10.75
Code Call (28 code)	22.90	21.50
Standby Power	50.05	54.00

100.3 PRIVATE BRANCH EXCHANGE SERVICE (Cont'd)

100.3.7 S/C Type H PABX

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Common Equipment for 200 line system	\$214.50	\$536.00
Attendant Console (cord type)	107.25	322.00
Line Terminals, each	2.15	None
Trunk Terminals, each	5.70	16.00
Selectors, each	10.00	16.00
Connectors, each	10.00	16.00
Finders, each	10.00	16.00
Universal Toll Restriction	14.30	None
Toll Restriction, per trunk	4.30	None
Conference Circuit (5 capacity)	14.30	16.00
Code Call (28 code)	22.90	27.00
Pre-determined Night Answering, per trunk equipped	3.55	10.75
Standby Power	64.35	107.00

100.3.8 S/C 400 PABX

Basic System 423	\$472.00	\$1,610.00
Line Terminals, per 10	10.40	27.00*
Junctors (regular), each	5.70	16.00*
C.O. Trunk Terminal, with transfer, each	13.60	16.00*
C.O. Trunk Terminal, without transfer, each	10.70	21.50*
LD Trunk Terminal, each	7.15	21.50*
WATS Trunk Terminal, each	10.00	37.50*
DID Trunk Terminal, each	17.85	59.00*
Tie Line Terminal, each	17.85	37.50*
Common Equipment (registered) for DID trunks or tie line terminals, per system	2.85	10.75*
Battery Charger & Batteries (8 hour)	110.10	268.00
Paging Adaptor, each	12.85	27.00
Busy Field, each 200 lines	31.45	80.50
Junctors (call back), each	9.60	43.00*
Call Back Control and Store, per system	7.15	43.00*
Tone Dial Scanner, each	1.10	5.40
Tone Dial Converter, each	7.55	16.00
Tone Dial Coupler, each	2.55	10.75
Outgoing Register Sender		
Trunk positions 1 thru 12, each	25.75	21.50
Trunk positions 13 thru 20, each	8.25	16.00
Trunk positions 21 thru 30, each	14.30	21.50

* Does not apply with original installation.

100.3.8	<u>S/C 400 PABX (Cont'd)</u>	Monthly Rate	Equipment Work Charge
	Toll Restrictions, per system	\$ 4.30	\$ 16.00
	Number Translation, per 100 lines	12.85	37.50
	Pre-determined Night Answer, per system	4.30	16.00*
	Meet-Me-Conference Circuit	10.00	32.00
	Intercept Announcer	14.30	32.00
	Dial Up Conference	23.10	54.00
100.3.9	<u>SG1 Type PABX</u>	Monthly Rate	Equipment Work Charge
	Basic Common Equipment		
	- 40 lines, 15 trunks, rotary dial	\$170.15	\$215.00
	- 80 lines, 15 trunks, rotary dial	193.00	215.00
	- 80 lines, 30 trunks, rotary dial	216.65	215.00
	Attendant Console		
	- with busy lamp field (40 lines)	26.10	21.50
	- with busy lamp field (80 lines)	33.25	21.50
	- without busy lamp field (40 or 80 lines)	13.95	21.50
	Attendant Option Control	2.85	10.75*
	Trunk Terminal, each	5.20	10.75*
	Tie Line Trunk Terminal, each	5.70	10.75
	Line Terminal, one required for each two (2) lines	3.55	5.40*
	Camp-on and Trunk Answer for any station (per system)	4.25	5.40*
	Attendant Conference	12.10	21.50*
	Executive Ringback - Override	6.30	10.75*
	Toll Restriction (2 digit only, per system)	5.70	10.75
	Paging Adapter, each	2.85	10.75
	Dial Dictation Trunk, each	2.85	5.40
	Trunk Terminal for Music on Hold	6.80	Basic*
	Touch Calling, per system (40 lines)	27.15	27.00
	Touch Calling, per system (80 lines)	37.20	27.00
	Touch Calling Receiver	11.15	10.75
	Standby Power	140.15	80.50
	Enhancement Features		
	Call Pickup Directed	6.20	21.50
	Call Forwarding	9.00	21.50
	Call Pickup Group	12.60	21.50

* Does not apply with original installation.

100.3 PRIVATE BRANCH EXCHANGE SERVICE (Cont'd)

100.3.10 UH-30 PABX

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Common Equipment	\$143.00	\$161.00
Station Lines, each 5	5.70	21.50*
Intercom Links, each	8.60	16.00*
Trunk Terminals, each	17.15	16.00*
Attendant's Console, each	28.60	54.00
Automatic Call Transfer (10-1)	18.60	10.75*
Busy Lamp Field	7.15	37.50
Code Call (Staff Locating)		
Visual - common	28.60	27.00
Visual - each 10 lamp panels	1.45	None
Audible, each 50 codes or less 26.00	29.70	
Conference, "Meet-Me"	14.30	16.00*
Dictation Access Line, each	21.45	21.50
Executive Intercom		
10 station availability	50.05	21.50
20 station availability	57.20	27.00
Executive Right-of-Way (inter- nal and call back)		
First Line	21.45	10.75
Each Additional Line	1.45	None
Message Registers		
Common Equipment for 50 meters	12.85	32.00
Each unit of 10 or less meters	2.85	None
Message Waiting		
Stations equipped, each	.70	None
Night Answering, common	5.70	None
Paging Adaptor	7.15	16.00
Toll Restriction, per trunk	5.70	10.75
Standby Power	64.35	54.00

** Does not apply with original installation.

100.3 PRIVATE BRANCH EXCHANGE SERVICE (Cont'd)

100.3.11 UH-45 PABX

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Common Equipment	\$143.00	\$215.00
Each Working -		
Station Lines, each 5	5.70	16.00*
Intercom Links, each	8.60	10.75*
Trunk Terminals, each	17.15	10.75*
Tie Line Terminal	17.15	21.50
Automatic Call Transfer (10-1)	18.60	10.75*
Busy Lamp Field	14.30	37.50
Code Call (Staff Locating)		
Visual - Common	21.45	21.50
Each Unit of 10 Lamp Panels	1.45	None
Audible - Each Unit of 50		
Codes	28.60	21.50*
Conference ("Meet Me")	14.30	16.50*
Dictation Access Line, each	21.45	21.50
Executive Intercom		
10 station availability	50.05	21.50
20 station availability	57.20	27.00
Executive Right-of-Way		
First Line	14.30	10.75
Each Additional Line	1.45	None
Message Registers		
Wall Panel of 50	12.85	32.00
10 or Less Meters, and 10	5.70	None
Message Waiting, stations		
equipped each	5.70	16.00
Night Answering (common)	5.70	10.75
Paging Adaptor	7.15	16.00
Toll Restriction, per trunk	5.70	10.75
Touch Calling Adaptor	65.80	107.00
Standby Power Supply	64.35	54.00

* Does not apply with original installation.

100.3 PRIVATE BRANCH EXCHANGE SERVICE (Cont'd)

100.3.12 UH 300 Type PABX

(Obsoleted April 28, 1980, Type A, Tariff Reference Section 11)

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Common Equipment		
- 50 sta. lines, 6 IC links, 10 trk. terms	\$143.00	\$322.00
-100 sta. lines, 12 IC links, 15 trk. terms.	271.70	375.00
-150 sta. lines, 18 IC links, 20 trk. terms.	400.40	429.00
Power Supply - Battery Eliminator for		
- 50 lines	17.15	21.50
- 100 lines	34.30	32.00
- 150 lines	34.30	32.00
Lines, each 10	17.15	37.50*
Intercom Links, each 2	14.30	16.00
Trunk Terminals, each	17.15	16.00*
Tie Line Terminals, each	17.15	21.50
Standby Power -		
- up to 100 lines	64.35	54.00
- 101-200 lines	92.95	107.00
Automatic Call Transfer (10-1)	18.60	10.75*
Busy Lamp Field, each 50 lines equipped	14.30	37.50
Code Call (Staff Locating)		
- Visual or Audible, common	28.60	10.75
- For up to 50 lines	1.45	None
Conferencing		
- "Meet-Me" (up to 4 stations)	14.30	16.00*
- Turret Type (up to 12 stations) equipped for 6	25.75	21.50
- Each additional 3 stations, up to 12	5.70	10.75
Call Transfer (dial "1"), per trunk	N/C	None
Dictation Link, per line	21.45	21.50
Direct Inward Dialing, per trunk	12.85	10.75
Executive Intercom -		
- 10 stations	50.05	21.50
- 20 stations	57.20	27.00
Executive Right-of-Way -		
- First 50 line group equipped	21.45	10.75
- Each additional 50 line group equipped	3.55	None
Message Registers -		
- Each 10 resetable 3 digit meters	6.45	21.50
Message Waiting, each station equipped	.70	None
Night Answering (Common)	5.70	10.75*
Paging Adaptor	7.15	16.00
Toll Diversion, each trunk	8.60	10.75
Console, Attendant's Second Console	42.90	27.00

* Does not apply with original installation.

100.3 PRIVATE BRANCH EXCHANGE SERVICE (Cont'd)

100.3.13 UH 900 Type PABX

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Common Equipment	\$1,115.40	\$1,610.00
Power Supply - Battery Eliminator for 400 lines	85.80	21.50
Line Terminals, per 10	17.15	37.50
Intercom Links, each 2	11.45	16.00
Trunk Terminals, each	21.45	16.00*
Tie Line Terminals, each	17.15	21.50
Standby Power - 300-400 lines	107.25	107.00
Busy Lamp Field, each 50 lines equipped	21.45	37.50
Code Call (Staff Locating)		
- Visual or Audible, common: each 5 lamp panels or buzzers	28.60	10.75
- For up to 50 lines	1.45	None
Conferencing -		
- "Meet-Me" (up to 4 stations)	14.30	16.00*
- Turret Type (up to 12 stations) equipped for 6	25.75	21.50
- Each additional 3 stations, up to 12	5.70	10.75
Dictation Link, per line	21.45	21.50
Executive Intercom -		
- 10 stations	50.05	21.50
- 20 stations	57.20	27.00
Executive Right-of-Way		
- First 50 line group equipped	21.45	10.75
- Each additional 50 line group equipped	3.55	None
Message Registers, each 10 resettable 3 digit meters	6.45	21.50
Message Waiting, each station equipped	.70	None
Night Answering (Common)	5.70	10.75*
Paging Adaptor	7.15	16.00
Toll Diversion, each trunk	8.60	10.75
Console, Attendant's Second Console	42.90	27.00
Encoder (Motorola 90 Call)	214.50	215.00

* Does not apply with original installation.

100.3 PRIVATE BRANCH EXCHANGE SERVICE (Cont'd)

100.3.14 ARD 561 PABX

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Common Equipment		
Basic System No. I	\$214.50	\$ 429.00
Basic System No. II	715.00	1,073.00
Additional Line Terminals, each 30	64.35	54.00*
Additional Links, each	11.45	21.50*
Trunk Terminals, each	21.45	16.00*
Tie Line Terminals, each	28.60	21.50*
Paging Adaptor	7.15	16.00
Toll Restriction System I	22.90	27.00
Toll Restriction System II	45.75	43.00
Standby Power System I	71.50	80.50
Standby Power System II	107.25	107.00

100.3.15 1203 Digital Switching System

Common Equipment		
Capacity 120 station lines, 24 trunk	\$336.05	\$ 536.50
Additional Equipment and Service		
Multi Class Line Unit (for 8 lines)	30.00	21.50*
Single Class Line Unit (for 8 lines)	25.40	21.50*
Key Set Line Unit (for 5 lines)	30.00	27.00*
Ground/Loop Trunk Unit (for 8 trunks)	32.45	21.50*
Two-Way Tie Line Trunk (for 8 lines)	36.45	27.00*
DID Trunk (for 8 trunks)	38.60	21.50*
Paging Interface (3 channels) (requires Auxiliary Shelf)	6.25	21.50*
Trunk By-Pass (each 4 trunks) (requires Auxiliary Shelf)	3.85	21.50*
Auxiliary Shelf (12 card capacity)	4.30	27.00
Tone Decoder - Touch Calling C.O. (per system) (requires Toll Restrictor Unit)	47.90	27.00*
Tone Decoder - Mechanical C.O. (per system) (requires Toll Restrictor Unit)	50.75	27.00*
Toll Restrictor Unit	17.15	27.00
Standby Power (4 hours)	143.00	107.00
Standby Power (8 hours)	171.60	161.00

* Equipment Work Charge does not apply with original installation.

100.3 PRIVATE BRANCH EXCHANGE SERVICE (Cont'd)

100.3.16 1201 Expandable Digital Switching System

	<u>Monthly</u>	<u>Equipment Work Charge</u>
Common Equipment		
Capacity of 63 positions, 504 addresses	\$514.80	\$1,610.00
Additional Equipment and Service		
Second Cabinet (increase capa- city to 1,064 addresses)	336.05	1,073.00
Additional Attendant Console	74.35	54.00
Multi Class Line Unit (for 8 lines)	30.00	21.50*
Single Class Line Unit (for 8 lines)	25.40	21.50*
Key Set Line Unit (for 5 lines)	30.00	27.00*
Ground/Loop Trunk Unit (for 8 trunks)	32.55	21.50*
Two-Way Tie Line Trunk (for 8 lines)	36.45	27.00*
DID Trunk (for 8 trunks)	38.60	21.50*
Paging Interface (3 channels) (requires Auxiliary Shelf)	6.25	21.50*
Trunk By-Pass (each 4 trunks) (requires Auxiliary Shelf)	3.95	21.50*
Auxiliary Shelf (12 card capacity)	4.30	27.00
Tone Decoder - Touch Calling C.O. (for 200 Touch Calling Stations) (requires Toll Restrictor Unit)	47.90	27.00*
Tone Decoder - Mechanical C.O. (for 200 Touch Calling Sta- tions) (requires Toll Restric- tor Unit)	50.75	27.00*
Toll Restrictor Unit	17.15	27.00
Standby Power (4 hours)	143.00	107.00
Standby Power (8 hours)	171.60	161.00

* Equipment Work Charge does not apply with original installation.

100.4 AUTOMATIC ANSWERING EQUIPMENT

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
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Model 200A	\$ 12.85	Basic
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100.5 AUTOMATIC ANSWERING AND RECORDING SERVICE

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
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Code-A-Phone Model 370	\$ 8.60	Basic
Code-A-Phone Model 525	17.85	Basic
Code-A-Phone Model 560	22.15	Basic
Model 222	10.70	Basic
Model 333	17.55	Basic
Model 555	23.60	Basic
Model 700	21.45	Basic

Additional Equipment for Above Models

a. Multi-line adapter (three line capacity), each	8.45	\$ 10.00
b. Tone Oscillator for Model 555	2.15	Basic
c. Earphone (X100-121), for Model 700	1.00	45.00
d. Footswitch (X00-099), for Model 700	1.15	45.00

100.6 AUTOMATIC DIALER EQUIPMENT

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
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Select-A-Call Ten (10 line capacity)	\$ 8.25	Basic
Automatic Dialer with 400 line capacity tape	10.70	Basic
Additional tape cartridges		
400 line capacity		Basic
1000 line capacity		Basic
Teletronics AD9 8 digit single address dialer	5.40	Basic
Teledialer 32	11.90	Basic

100.7 SPECIAL TYPE TELEPHONES
 (Obsoleted April 28, 1980, Type A, Tariff Reference Section 13),

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
100.7.1 <u>Decorator Telephones</u>		
Candlestick Telephone (Rotary)	\$ 4.50	Basic
Chest Telephone (Rotary)	5.60	Basic
Cradle Telephone (Rotary)	5.60	Basic
100.7.2 <u>Panel Telephones</u>		
Basic panel - for single line installation	3.10	Basic
Basic panel - for single line installation with illuminated dial	3.45	Basic
Two line panel	3.80	Basic
100.7.3 <u>Outdoor Telephone Sets</u>		
B. Rates		
Metal enclosed set		
Rotary	5.05	Basic
Touch Calling	5.45	Basic
100.7.4 <u>Explosive Atmosphere Telephone Equipment</u>		
Wall type or pedestal set, each	9.35	Basic
Hand set, each	13.65	Basic

100.8 INTERCONNECTIONS WITH COMMUNICATION EQUIPMENT PROVIDED BY THE CUSTOMER

A. Data access arrangement for connection of customer provided data transmitting and/or receiving equipment:

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
1. 1000A Data Coupler*	\$ 4.05	Basic
2. 1001A Data Coupler*	10.10	Basic

B. Connecting arrangement to provide for automatic connection of customer provided voice transmitting and/or receiving terminal equipment:

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
1. 30A Voice Coupler including exclusion type telephone*	\$ 2.30	Basic

C. Recording, Reproducing and Automatic Answering and Recording Equipment Provided by the Customer:

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
1. Recorder Connector Equipment		
a. With an automatic recorder tone device (19645-L2)*	\$ 8.70	Basic
b. Portable jack box associated with portable recorder connector equipment for use at cord switchboards*	1.55	None
c. Without an automatic recorder tone device (19645-L1)*	6.65	Basic*

D. Alarm Detection and Reporting Equipment Provided by the Customer:

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
1. Alarm Coupler combined with tone signalling Unit, 20445-L2*	\$ 9.80	Basic

* No equipment work charge applies for portable recorder connector equipment or where permanent recorder connector equipment is installed at the time the jack for portable equipment is removed.

100.9 DATA SETS

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
100.9.1 <u>100 SERIES</u>		
a. T113A Data Set with 502 Data Auxiliary Set*	\$ 25.10	\$16.00
100.9.2 <u>200 SERIES</u>		
a. Combined Sending and Receiving (201A)	204.60	96.50
100.10 MOBILE TELEPHONE SERVICE		

C. Rates

1. General Service

General service is furnished between any wire telephone within the mobile service area and a mobile unit within range of the land radiotelephone station serving that area, or between two mobile units, under the following monthly rates per unit:

- | | |
|--|---------|
| a. Where Company furnishes and maintains unit | \$55.00 |
| b. Where Subscriber furnishes and maintains unit | 27.50 |
| c. Where Company maintains Subscriber's unit | 38.50 |

5. Supplemental Equipment and Miscellaneous Charges

- a. Weatherproof equipment cabinet for mounting radio equipment, when required - each:

Equipment Work Charge	Basic
Monthly Charge	\$ 6.05

- b. Power supply generators for mobile telephones located at permanent installations of a non-vehicle, immobile nature when a commercial power supply is unavailable, including two batteries, fuel, automatic turn-on switch and housing unit:

Equipment Work Charge	30.00
Monthly Charge	29.70

- c. Extension telephone in passenger cars, trunks or trailers - customers will provide any recessing necessary for the proper installation of the set:

Equipment Work Charge	Basic
Monthly Charge	\$ 6.60

100.10 MOBILE TELEPHONE SERVICE (Cont'd)

C. Rates (Cont'd)

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
d. Flexible cable with jack and plug arrangement for connection between cab or car and trailer:		
Monthly Charge		\$ 3.00
e. Relay control equipment for a customer-owned auxiliary horn or lamp signal for cars, trunks, or trailers:		
Monthly Charge		1.50
f. Auxiliary horns, buzzers, bells, gongs or howlers:		
Monthly Charge		4.40

100.11 KEY SYSTEMS

100.11.2 Type C Systems

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
1. System 11A (capacity 6 lines, 12 stations, no intercom)		
Common equipment	\$ 9.30	\$21.50
Line equipment (one per line reg'd)	3.50	None
2. System 11B (13 line capacity, 36 station maximum, no intercom)		
Common equipment	14.30	21.50
Line equipment (one per line reg'd)	3.50	None
3. System 22A (6 line capacity, 12 stations, equipped for standard 9 code intercom, optional code intercom expander)		
Common equipment	11.45	\$21.50
Line equip. (one per line reg'd)		

100.11 KEY SYSTEMS

100.112 Type C Systems (Cont'd)

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
4. System 22B (13 line capacity, 36 station maximum; equipped for standard 18 code intercom and optional intercom code expanders)		
Common equipment	\$ 17.15	\$21.50
Line equip. (one per line reg'd)	3.50	None
5. System 22A and 22B Intercoms		
9 Code Unit		
Rotary Dial	5.65	Basic*
Touch-Calling	10.70	Basic*
9 Code Intercom Expander (Rotary or Touch-Calling)	5.00	Basic*
6. System K36 (12 line capacity, 36 stations) common equipment including:		
18 station - two path rotary dial	109.40	54.00
18 station - two path touch-calling	122.25	54.00
18 station - four path rotary dial	112.95	54.00
Line equip. (one per line reg'd)	3.50	None
Additional 3 code capacity		
two path rotary dial	7.15	13.00*
two path touch-calling	7.15	13.00*

* Not applicable with original installation.

100.11 KEY SYSTEMS (Cont'd)

100.11.3 Type E Systems

1. TIE 308 Key Systems (Capacity 3 lines, 8 stations, equipped with 2 lines, 4 stations)

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Common Equipment	\$ 24.15	\$ 37.50
Additional Line Card (3rd C.O. line)	1.20	8.90
Station Interface		
Additional 4 stations	10.35	8.90
Additional 2 stations, 2 inter- coms (reduces station capacity by 2)	8.90	8.90
4 Intercom Box/Door Answer Back (reduces station capacity by 4)	7.30	8.90
Supplemental Equipment		
Flashing/Grouping Card (for use behind PABX system)	1.35	8.90
Multi-line Conference Card (one per system)	1.50	8.90
Station Equipment		
Tone Dial Telephone Set (EK 308-TDK)	8.60	31.75
Outpulse Dial Telephone (EK 308-ODK)	10.50	31.75
Memory Tone Dial Telephone (EK 308-450-M-TDK)	14.35	31.75
Memory Outpulse Dial Telephone (EK 308-450-M-ODK)	12.90	31.75
Toll Restrictor Tone Dial Telephone Phone Set (EK 308-550-REST-TDK)	11.15	31.75
S-400 Speakerphone used with Electronic Key Telephone Set (S-400)	9.25*	12.15
Auxiliary Power Supply for up to 3 memory dials or speakerphones (21024)	2.10	14.30
Door Answer Box	2.00	51.70
Intercom Box only	2.95	28.25

* In addition to applicable telephone set charge.

100.11 KEY SYSTEMS (Cont'd)

100.11.3 Type E Systems (Cont'd)

2. Equity 1800 Key System

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Common equipment for capacity of 6 C.O. lines, 20 stations	\$16.95	\$126.00
<u>Options</u>		
Rotary C.O. Line Card, per 2 circuits	7.65	8.90*
Tone C.O. Line Card, per 2 circuits	7.65	8.90*
Music-on-Hold with Chime Box	2.35	8.90*
Music-on-Hold for CPE Source	1.05	8.90*
Internal/External Page Adaptor	7.95	35.50
Station Busy Lamp Field	9.85	83.50
Speakerphone	12.95 ²⁵	8.90
Auxiliary Power Source (Intercom only)	6.05	79.15
<u>Stations</u>		
12 C.O. Line Key Telephone	16.40	91.50
Key Telephone with Handsfree Answer Back & Executive Ring Control	15.35	91.50
12 C.O. Line Key Telephone with Handsfree Answer Back	13.85	91.50
Intercom Only Station	11.20	91.50
Intercom Only Station with Handsfree Talk Back	12.70	91.50
<u>Station Options</u>		
Privacy Module	.30	17.50*
Wall Mount Kit with Storage for Key Telephone plus Busy Lamp Field	.80	51.20*
Wall Mount Kit without Storage for Key Telephone	.30	15.40*
Wall Mount Kit with Storage for Key Telephone	.65	42.50*

* Does not apply with original installation.

100.11 KEY SYSTEMS (Cont'd)

100.11.4 Station Set Rates

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
1. Type A, turn key		
Rotary	\$ 6.05	\$16.00
Touch Calling	6.60	16.00
2. Type B, 3 line - 3 hold, each		
Rotary	6.85	16.00
Touch Calling	7.25	16.00
3. Type C		
6 button (Rotary dial)	8.25	16.00
6 button (touch-calling)	9.35	16.00
10 button (rotary dial w/busy field)	12.65	21.50
10 button (rotary dial) with built-in speakerphone	9.35 10.45	21.50 21.50
10 button (touch-calling) w/busy field)	13.75	21.50
10 button (touch-calling) with built-in speakerphone	10.45 11.55	21.50 21.50
12 button (rotary dial)	12.65	21.50
12 button (touch-calling)	13.75	21.50
18 button (rotary dial)	14.85	27.00
20 button (rotary dial) with built-in speakerphone	18.15	27.00
20 button (touch-calling) with built-in speakerphone	19.25	27.00
30 button (touch-calling)	22.55	27.00

100.11.5 Supplemental Equipment

1. Manual intercom common equipment	1.45	Basic
2. Power supply for lights only (Type B Systems)	4.30	5.50
3. Buttons, each	.35	Basic
4. Buzzers, each	.35	Basic
5. Manual exclusion, per set	1.50	Basic
6. Automatic or ringdown signaling unit*	5.70	10.75
7. 321A Basic Intercom Link expander for first 9 stations	8.35	62.00
8. 18 Station Busy Lamp Field	7.70	151.00
9. Intercom only station (single line set)	1.50	10.75
10. Music on hold, per 5 lines	3.55	Basic*
11. 6034 Toll restrictor card, each (used with System 22A)	3.75	10.75

** May include busy line lamps.

100.12 SIEMENS SD-192/232

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
<u>Common Equipment:</u>		
SD - 192/232 System I System ID Capacity: 48 lines, 12 trunks, 24 junctors & 2 attendant con- soles. Equipped With: 0 lines, 0 trunks, 0 junctors, 0 consoles, AC power and standard features	\$262.35	\$911.50
SD - 192/232 System II Capacity: 48 lines, 12 trunks, 24 junctors & 2 attendant con- soles. Equipped With: 0 lines, 0 trunks, 0 junctors, 0 consoles, DC power and standard features	312.75	911.50
<u>Equipment to Increase Business System Capacity:</u>		
First Addition: 48 lines and 16 trunks (to capacity of 96 lines and 28 trunks)	75.25	281.00
Second Addition: 48 lines and 16 trunks (to capacity of 144 lines and 44 trunks)	84.35	281.00
Third Addition: 48 lines and 15 trunks (to capacity of 192 lines and 59 trunks)	75.55	281.00
<u>Equipment to Increase Hotel/Motel System Capacity:</u>		
First Addition: 56 lines and 8 trunks or 64 lines and 0 trunks (to capacity of 104 lines and 20 trunks or 112 lines and 12 trunks)	57.40	281.00
Second Addition: 56 lines and 8 trunks or 64 lines and 0 trunks (to capacity of 160 lines and 28 trunks or 176 lines and 12 trunks)	66.60	281.00
Third Addition: 56 lines and 7 trunks or 63 lines and 0 trunks (to capacity of 216 lines and 35 trunks or 239 lines and 12 trunks)	57.75	281.00

100.12 SIEMENS SD-192-232 (Cont'd)

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
<u>Equipment to Increase Traffic- Business:</u> (When junctor requirement exceeds 24 per system)		
Basic Line Shelf 0 - Each 2 Networks	\$40.90	\$35.50*
Expansion Line Shelf - Each 2 Networks	40.90	35.50
<u>Attendant Equipment:</u>		
Business Attendant Console	31.50	125.25
Business Att. Busy Lamp Field (maximum 1 per console)	16.65	35.50*
Hotel/Motel Attendant Console	31.50	125.25
<u>Auxiliary Common Equipment - All Systems:</u>		
Station Line Terminal, each 8	18.25	17.75*
Trunk Terminal		
Each 4, 2 way	19.75	17.75*
Each 2, 2 way	12.25	17.75*
Each 4, 1-way out only	16.05	17.75*
Each 4, with message register	23.50	17.75*
Each 2, with message register	14.15	17.75*
Each 4, 2 with message register and 2 without	21.60	17.75*
Direct Inward Dial or Tie Line (Loop)		
Each 4	27.60	17.75*
Each 2	15.50	17.75*

* Does not apply with original installation.

100.12 SIEMENS SD-192-232 (Cont'd)

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
<u>Auxiliary Common Equipment -</u>		
<u>All Systems:</u>		
Tie Line Terminal (Receive & Transmit)		
Each 4	\$28.90	\$17.75*
Each 2	16.05	17.75*
Junctors		
Each 8	9.95	17.75*
Each 4	6.60	17.75*
<u>Optional Equipment/Features -</u>		
<u>Business:</u>		
Conference Unit (max. 1 attendant conference and 1 meet-me, or 2 meet-me units per system)	17.10	35.50*
Music-on-Hold without source - system must be equipped with tone buffer option	-	-
Dictation Adaptor - requires tone buffer, model 840 power supply, model 4080 time-out flasher and mounting assembly		
Rotary or Touchtone Dial (DTMF) combined	27.90	53.25
Touchtone Dial (DTMF) only	28.15	53.25
Code Call Adaptor - requires tone buffer, model 840 power supply, model 4080 time-out flasher and mounting assembly		
Rotary Dial, only	42.15	71.00
Touchtone Dial, (DTMF), only	53.35	71.00
Line Ringing Lamp Display for Dial Call Pick-up)		
12 Lines	3.65	92.50
24 Lines	4.35	92.50
<u>Station Detail Message Recording (SDMR):</u>		
Printer Application (requires Data Input - Output option and Printer)		
Digital Cartridge Recorder - requires Data Input - Output option)	211.15	110.50

* Does not apply with original installation.

100.12 SIEMENS SD-192-232 (Cont'd)

Station Detail Message Accounting
(SDMA) - Business Only:

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Single Disk Drive - 10,000 call record	\$332.30	\$124.50
SDMA Stand	7.55	17.75*
SDMA Remote Alarm Unit	10.65	26.75
Additional SDMA Diskettes	.65	81.50
 <u>Optional Equipment/Features - Hotel/Motel:</u>		
Message Waiting Service - requires Peripheral Interface Driver and Data Input - Output	-	-
Do Not Disturb Service - requires Peripheral Interface and Data Input - Output	-	-
Electronic Message Register Con- sole (requires Auxiliary Back- plane Interface Kit, Peripheral Interface Driver and Data Input- Output. Provides Vacant Room Re- striction and Room Empty Readout	23.90	100.25
Calling Number Display - re- quires Auxiliary Backplane Interface Kit and Peripheral Interface Driver	6.90	91.25
Automatic Wake-up Service		
Touchtone only - requires Data Input - Output	-	-
Message Only - requires Tone Buffer, Data Input - Output, Peripheral Interface Driver and CPE Recorder	-	-
Tone & Printer - requires Data In- put - Output, Auxiliary Back- plane Interface and Printer	-	-
Message and Printer - requires Tone Buffer, Data Input-Out- put, Auxiliary Backplane In- terface, Peripheral Interface Driver, Printer and CPE Recorder	-	-
Peripheral Interface Driver Kit - required for Call Number Dis- play, Electronic Message Regis- ter, Automatic Wake-up printer, message and message waiting	13.65	17.75*

* Does not apply with original installation.

100.12 SIEMENS SD-192-232 (Cont'd)

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
<u>Optional Equipment/Features - All Systems</u>		
Power Failure Transfer, each 4 trunks	\$ 5.00	\$54.00
Paging Interface, per zone		
Trunk Access - when switching or muting is not required	-	-
Station Access - when discon- nect supervision, muting or switching is required. Re- quires 840 power supply and mounting assembly	5.55	53.25
Touchtone Dial (DTMF) Receivers		
Each 2	32.15	17.75*
Each 1	16.85	17.75*
Data Input-Output Peripheral Control Board - Required for Automatic Wake-up, Electronic Message Register, Message Wait- ing, Do Not Disturb, SDMR & SDMA options	29.00	17.75*
Tone Buffer Peripheral Interface Board - Required for Code Call, Dial Dictation, Music-on Hold - business, Automatic Wake-up Music or Recorded Announcement - H/M	5.75	17.75*
Auxiliary Backplane Interface Kit - required for Call Number Display, Electronic Message Register, Automatic Wake-up and SDMR printer	7.00	54.00*
Printer - 40 column - required for SDMR or Automatic Wake-up	40.65	110.50
Modem Kit - for remote admini- stration or updating of system	18.10	17.75
Lightning Protection - required on all exposed C.O. lines to guarantee system warranty		
12 Pair	8.80	44.50
25 Pair	14.20	44.50

* Does not apply with original installation.

100.12 SIEMENS SD-192-232 (Cont'd)

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
<u>Optional Equipment/Features - All Systems Cont'd</u>		
Surge Arrestor - not required if lightning protection is provided. Required to guarantee system warranty if lightning protection is not provided		
12 Pair	\$ 6.60	\$ 44.50
25 Pair	8.70	44.50
Standby Power - System II		
1 Hour capacity	81.80	213.25
5 Hour capacity	88.55	248.75
8 Hour capacity	95.30	284.25
Power Supply - 48 volt, 1 amp- required for Dictation Adaptor, Code Call and Paging options		
	4.80	82.50
Time-Out Flasher - required for Dictation Adaptor and Code Call		
	3.65	26.75

Optional Equipment/Features -
All Systems

Station Apparatus

Feature Phone Kit - replaces 12 button with 16 button pad for manual control of call forward options	.60	72.00
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100.13 BUZZER CIRCUITS AND PUSH BUTTON PADS
(Obsoleted November 28, 1980, Type A)

A. General

Where signaling between telephone sets on the same premises is required, buzzer circuits are used.

B. Rates

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Each button or associated buzzer	\$.70	Basic
Battery supply for buttons and buzzers (and other uses)	2.85	Basic

100.14 ELECTRONIC SENTRY SYSTEM

A. General

The electronic sentry can monitor various conditions such as pressure, flood level, or temperature and then electronically dial a predetermined number and inform an individual of the abnormal condition.

B. Rates

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Yale Teleemergency Alarm Dialer DC 8C, single channel	\$14.30	Basic
Yale Teleemergency Alarm Dialer DC 8D, dual channel	17.85	Basic

100.15 HEADSETS

A. Headset applique unit for key set (plug)	1.10	Basic
B. Plantronics Headset (star set), model H5-0110-1A equipped with lock and push to talk switches, four wire, and ten foot cord	3.55	Basic

100.16 EMERGENCY CALL SYSTEM/FIRE REPORTING SYSTEM

B. Rates

1. ITT Emergency Call System Equipment		
10 line capacity	14.95	Basic
20 line capacity	25.00	\$16.00
40 line capacity	65.80	32.00

100.16 EMERGENCY CALL SYSTEM/FIRE REPORTING SYSTEM (Cont'd)

B. Rates	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
2. Tellab's 291 Conference Alerting System		
Common Equipment:		
System I - capacity 10 lines	\$ 82.50	\$370.00
System II - capacity 20 lines	101.20	462.00
System III - capacity 30 lines	121.00	555.00
Expansion Shelf to expand either System I or System II	18.40	101.00
Auxiliary Common Equipment:		
Bay Adaptor - 23 lines (allows systems to be mounted in a 23 inch bay, one per shelf)	-	16.00
Manual Access (key or station)	7.40	22.00
Automatic Access (central office line)	7.70	22.00
Maximum 2 accesses per system		
Minimum 1 access per system		
Station Line Circuit - one per answer number equipped	7.15	22.00
Maximum 10 station line cards/shelf		
Minimum 2 station line cards/shelf		
Optional equipment:		
Remote Answer Trunk		
Maximum 3 per system, mounts in common control shelf	5.75	22.00
Siren Control Timer Module		
Field strappable variable timeout, maximum 1 per system, mounts in common control shelf	6.85	22.00
Telepath 723 C-34 Code Call	65.00	675.00
3. Controlled Station - Local Private line and station charges:	-	Basic
4. Controlled Stations - Station line connections or charges subsequent to initial installation, each	-	Basic
5. Annunciator Cabinet		
11 lamp cabinet, each	5.00	Basic
Connecting line circuits - local private line channel charges	-	Basic

100.17 AUXILIARY BELLS, GONGS, HORNS AND CHIMES

B. Rates

1. Signal control equipment for one or more signals on the same circuit, for indoor mounting.

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Continuous	\$ 1.65	Basic
Noncontinuous	1.65	Basic
Explosive atmosphere, noncontinuous	3.95	Basic

2. Bells (Gongs)

- a. Operated by power from central office

(1) Inside mounting		
2"	.55	Basic
4"	.70	Basic
6"	1.10	Basic

(2) Outside mounting		
2"	1.45	Basic
4"	4.30	Basic
6"	5.40	Basic

- b. Operated by commercial power

(1) Inside mounting		
6"	1.45	Basic
8"	1.70	Basic
10"	1.85	Basic

(2) Outside mounting		
6"	2.15	Basic
8"	2.65	Basic
10"	3.00	Basic
12"	3.50	Basic

(3) Explosive Atmosphere		
6"	3.55	Basic
8"	3.95	Basic
10"	4.30	Basic
12"	4.80	Basic

3. Horns

- a. Operated by commercial power only

(1) Inside mounting		
Small	1.35	Basic
Medium	1.65	Basic
Extra Loud	3.30	Basic

100.17 AUXILIARY BELLS, GONGS, HORNS AND CHIMES (Cont'd)

B. Rates (Cont'd)	Monthly Rate	Equipment Work Charge
3. Horns (Cont'd)		
(2) Outside mounting		
Small	\$ 1.85	Basic
Medium	2.65	Basic
Extra Loud	5.30	Basic
Large	2.85	Basic
4. Chimes		
a. Inside mounting only	2.85	Basic
5. Toggle Switches (Cam Type)		
1 key	.70	Basic
2 key	1.45	Basic

100.18 SECRETARIAL ANSWERING CABINET

B. Rates	Monthly Rate	Equipment Work Charge
1. 6 line capacity	12.85*	Basic
2. 10 line capacity	21.45*	Basic
3. 20 line capacity	42.90*	Basic
4. Line termination	-	Basic

*In addition to rates and charges for associated sets and lines; plus applicable mileage.

100.19 SOUND SYSTEMS AND VOICE INTERCOMMUNICATION EQUIPMENT

B. Rates	Monthly Rate	Equipment Work Charge
1. Power Amplifiers		
25 watt	6.80	Basic
40 watt	11.10	Basic
75 watt	12.85	Basic
150 watt	20.75	Basic
Two way amplifier for intercom- munication	4.55	Basic
2. Coin Type Sound Reproducers		
6 inch, surface wall	1.45	Basic
6 inch, flush wall	1.45	Basic
8 inch, surface, sloping front	1.80	Basic
8 inch, bi-directional	1.80	Basic
8 inch, surface ceiling	1.45	Basic
8 inch, flush ceiling, round grill	1.45	Basic
8 inch, flush ceiling, square grill	1.45	Basic

00.19 SOUND SYSTEMS AND VOICE INTERCOMMUNICATIONS EQUIPMENT (Cont'd)

B. Rates (Cont'd)	Monthly Rate	Equipment Work Charge
3. Trumpet Type Sound Reproducers		
15 watt, explosion proof including relay	\$ 6.80	Basic
25 watt, with transformer, weather-proof	2.85	Basic
40 watt, with transformer, weather-proof	3.55	Basic
25 watt, bi-directional, with transformer, weather proof	3.25	Basic
4. Telephone System Input Coupling Units		
ETA107 Key System Page Access	2.15	Basic
ETA103 PABX Coupling Box	1.80	Basic
5. Microphones		
Paging Microphone dynamic with preamp	4.30	Basic
Paging Microphone cardioid type	5.00	Basic
6. Music Inputs		
FM-AM Tuner (includes antenna)	13.20	Basic
7. Signaling Input Devices		
M400S1 Tone Generator	3.80	Basic
8. Output Controls		
9. System 1 - Multi Conversation System - Intercommunicating Equipment		
a. Control Stations		
(1) Selective call-up to 11 stations (111D)	7.85	Basic
(2) Selective call-up to 11 stations (111AD)	9.30	Basic
b. Staff Stations		
(1) Call origination to (1) control station (11AL)	2.55	Basic
10. System 6 - Single Conversation System - Intercommunicating Equipment		
a. Amplifier and (1) Junction Box (6000K/J52)	8.25	\$13.50

100.19 SOUND SYSTEMS AND VOICE INTERCOMMUNICATION EQUIPMENT (Cont'd)

B. Rates (Cont'd)	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
10. System 6 - Single Conversation System - Intercommunicating Equipment (Cont'd)		
b. Control Stations		
(1) Selective call-up to 6 stations (606D)	\$ 2.85	Basic
c. Staff Stations		
(1) Indoor Use		
(a) Flush or surface mount with busy light indicator (61L)	1.45	Basic
(2) Outdoor Use (See Common Equipment)		
11. System 7 - Single conversation System - Intercommunicating Equipment		
a. Control Stations: (Amplification included)		
(1) Connected to (1) staff or a group in parallel (701RKK)	2.85	Basic
(2) Selective call-up to 6 stations (706DKK)	4.30	Basic
(3) Selective call-up to 10 stations (710DKK)	5.70	Basic
b. Staff Stations		
(1) Indoor Use		
(a) Flush surface mount (81)	1.55	Basic
(2) Outdoor Use (See Common Equipment)		

100.19 SOUND SYSTEMS AND VOICE INTERCOMMUNICATING EQUIPMENT (Cont'd)

B. Rates (Cont'd)	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
12. Special Equipment - Voice Inter-communicating Equipment		
a. Staff Stations for Outdoor Use, each		
(1) 10" Trumpet (C-23)	\$ 2.15	Basic
b. Junction Box (734) each	1.10	Basic
c. Junction Box (J52) each	1.10	Basic
d. Junction Control (J804) each	2.55	Basic
e. Power Supply (M217) each	2.85	Basic
f. Power Booster (P-29) each	2.85	Basic
g. Transformer (J629S42) each	.70	Basic
h. Call Control (J635LS1) each	1.45	Basic
i. Call Switch (JRS41) each	.70	Basic
m. Handset for use with Intercom Systems		
(1) Desk Type (1PTH 158L)	5.70	Basic
(2) Wall Type (Surface or Flush Mount (1PTH 158LS/w2)	5.70	Basic
n. J-689 S42 Paging Relay	2.85	Basic

100.20 SPECIAL TYPE TELEPHONES

B. Hands Free Telephone Set (Speakerphone)

2. Rates	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Speakerphone set		
Rotary	\$12.35	Basic
Touch Calling	12.75	Basic
Campanion II Speakerphone	7.65*	\$27.00

C. Princess Telephone

1. Rates	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Princess Telephone		
Rotary	\$ 3.00	Basic
Touch Calling	3.35	Basic

* In addition to rates applicable for telephone set furnished.

100.20 SPECIAL TYPE TELEPHONES (Cont'd)

D. Trim-Line Telephone

2. Rates	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
Trim-Line Telephone		
Rotary	\$ 3.65	Basic
Touch Calling	4.00	Basic

G. Externally Mounted Telephone Loudspeaker (Orator Type)

2. Rates	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
	2.15*	Basic

*In addition to rates applicable to the Class and grade of service furnished.

100.21 TELEPHONE PADS

1. 12 Button Touch Tone Pad	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
	3.55	Basic

100.22 CALL DIVERTERS

B. Rates	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
1. Dacon MK-10-E (11 digit)	\$18.60	\$27.00
2. Dacon MK-10-14-E (14 digit)	20.40	27.00
3. Optional equipment:		
Audible tone to called party (BOC)	2.50	Basic*
Remote on/off	2.50	Basic*
Call announcement (MKSE)	6.80	Basic
Two number calling	6.10	15.00*
Tone commander (oscillator)	1.80	None

* In addition to rates applicable for telephone set furnished.

100.23 DATA TRANSMITTING AND RECEIVING EQUIPMENT AND TELETYPEWRITER EQUIPMENT

100.23.2 Rates and Charges

	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
1. Data Sets		
a. 100 Series		
Suitable for sending and receiving signals at rates up to 300 bits per second in sequence		
- combined sending and receiving		
- single installation (103 type)		
	\$44.90	\$10.75
b. 200 Series		
Suitable for conditioning signals at rates up to 1800 bits per second in sequence		
- Combined sending and receiving arranged for manual operation without simultaneous reverse signalling		
Single installation data set, each (202C)		
	79.20	32.00
Suitable for condition signals at rates of 2000 or 2400 pits per second in sequence		
- 201C Data Set equipped with 565 Sub Set		
	92.40	59.00
Suitable for conditioning signals at rates up to 4800 bits per second in sequence		
T208A	227.05	182.00
202E7	28.70	54.00
202S LIA/2 with telephone	51.50	54.00
209A	304.90	54.00
208B with 565 auxiliary set	167.65	54.00

100.23 DATA TRANSMITTING AND RECEIVING EQUIPMENT AND TELETYPEWRITER EQUIPMENT (Cont'd)

100.23.2 Rates and Charges (Cont'd)	<u>Monthly Rate</u>	<u>Equipment Work Charges</u>
c. 400 Series		
Suitable for simultaneously conditioning up to eight signals at rates up to 75 combinations per second		
- sending	\$ 62.05	64.00
2. High Speed Teletypewriter Equipment		
Magnetic Tape Terminal, 8-level tape equipment suitable for send or receive operations at transmission speeds up to 1200 words per minute		
	178.20	\$118.00
The following options may be installed:		
- Control Codes expander package; (modification kit)	1.75	None
3. Four-row Teletypewriter Station Equipment		
a. 33 Type - Page Teletypewriter with Type Wheel		
Automatic Sending Receiving	79.20	48.00
Miscellaneous Equipment		
Control Equipment Arrangements		
- Key Control		
- to deactivate the typing unit of a 33 type page automatic teletypewriter during tape transmission	1.75	10.75
Foot Control Switch		
- To activate transmitter	1.75	Basic

100.23 DATA TRANSMITTING AND RECEIVING EQUIPMENT AND TELETYPEWRITER EQUIPMENT (Cont'd)

100.23.2 Rates and Charges (Cont'd)	<u>Monthly Rate</u>	<u>Equipment Work Charge</u>
3. Four-row Teletypewriter Station Equipment (Cont'd)		
a. 33 Type - Page Teletypewriter with Type Wheel(Cont'd)		
Paper box for superfold paper and form accumulating shelf	\$ 1.75	Basic
Sprocket feed, including form feedout	3.55	Basic
Reader Control	3.55	None
Transmitter-Distributor call-in single character, requires reader control	.45	None
Tape Magazine	1.75	Basic
Splitting Control Key - To control a 33 type ASR TTY so that transmission may be alternately "half duplex" or "full duplex" when in the "line" mode.	1.75	\$10.75
b. 35 Type - Page Teletypewriter with Type Box (Cont'd)		
Miscellaneous Equipment (Cont'd)		
Splitting Control Key - To control a 35 type ASR TTY so that transmission may be alternately "half duplex" or "full duplex" when in the "line" mode.	1.50	10.00
4. Teletype for the Handicapped		
a. System 100 Communicator - Portable solid state electronic teletype including AC adaptor and "C" cell battery pack.	27.05	-