

**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company

If the monthly interstate local switching minutes of Livingston Telephone Company exceed one-hundred (100) percent increase of the interstate local switching demand in the same month of the previous year, (refile trigger), Livingston Telephone Company will file revised local switching and transport tariff rates within sixty (60) days of the end of the month in which Livingston Telephone Company met the refile trigger.

17.1 Common Line Access Service, federal Universal Service Charge, ISDN Line Ports and DS1 Line Port

Rates and charges for Common Line Access Service, End User Access Service, Federal Universal Charge, ISDN Line Ports, and DS1 Line Port are set forth in Section 17.1 of the National Exchange Carrier Association (NECA) Tariff F.C.C. No. 5. Livingston Telephone Company is a participant in NECA's Carrier Common Line pool.

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.2 Switched Access Service

| 17.2.1 <u>Nonrecurring Charges</u>  | <u>Rate</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|---|-------------|---|
| (A) Local Transport-Installation<br>Per Entrance Facility   |             |   |
| - Voice Grade Two-Wire  | \$450.00    | 6.4.1(B)(1)                             |
| - Voice Grade Four-Wire   | \$450.00    |   |
| - High Capacity DS1   | \$330.00    |   |
| - High Capacity DS3   | \$445.00    |   |
| - Synchronous Optical Channel OC3   | \$360.00    |   |
| - Synchronous Optical Channel OC12  | \$360.00    |   |
| (B) Reserved for Future Use   |             |   |
| (C) Interim NXX Translation Per Order<br>Per LATA or Market Area  | \$220.00    | 6.4.1(B)(2)                             |
| (D) FGC and FGD Conversion of<br>Multifrequency Address Signaling<br>to SS7 Signaling or SS7 Signaling<br>to Multifrequency Address Signaling |             | 6.4.1(B)(3)                             |
| - Per 24 Trunks Converted<br>or Fraction thereof on<br>a Per Order Basis  | \$442.00    |   |
| (E) Trunk Activation Per Order  |             | 6.4.1(B)(1)                             |
| - Per 24 Trunks Activated or Fraction<br>Thereof on a Per Order Basis   | \$459.00    |   |
| (F) Reserved for Future Use   |             |   |
| (G) Flexible Automatic Number<br>Identification (Flex ANI)<br>Per end office, per CIC   | None        | 6.9.1(AA)                               |

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**ACCESS SERVICE**17. Rates and Charges - Livingston Telephone Company (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)Tariff  
Section  
Reference17.2.2 Local TransportPremium AccessEntrance Facility, Per Termination

6.1.3(A)(1)

Monthly Rate

| Voice<br>Grade<br><u>2-Wire</u> | Voice<br>Grade<br><u>4-Wire</u> | High<br>Capacity<br><u>DS1</u> | High<br>Capacity<br><u>DS3</u> | Synchronous<br>Optical<br>Channel<br><u>OC3</u> | Synchronous<br>Optical<br>Channel<br><u>OC12</u> |
|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---|--|
| \$47.64                         | \$76.23                         | \$233.16                       | \$2,128.88                     | \$2,165.36                                      | \$2,260.21                                       |

Direct Trunked Transport – Direct Trunked Facility, Per Mile

6.1.3(A)(2)

Monthly Rate

| Voice<br>Grade<br><u>2-Wire</u> | Voice<br>Grade<br><u>4-Wire</u> | High<br>Capacity<br><u>DS1</u> | High<br>Capacity<br><u>DS3</u> | Synchronous<br>Optical<br>Channel<br><u>OC3</u> | Synchronous<br>Optical<br>Channel<br><u>OC12</u> |
|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---|--|
| \$3.40                          | \$3.40                          | \$15.97                        | \$139.15                       | \$148.58  | \$186.49   |

Direct Trunked Transport – Direct Termination,  
Per Termination

6.1.3(A)(2)

Monthly Rate

| Voice<br>Grade<br><u>2-Wire</u> | Voice<br>Grade<br><u>4-Wire</u> | High<br>Capacity<br><u>DS1</u> | High<br>Capacity<br><u>DS3</u> | Synchronous<br>Optical<br>Channel<br><u>OC3</u> | Synchronous<br>Optical<br>Channel<br><u>OC12</u> |
|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---|--|
| \$34.10                         | \$34.10                         | \$82.88                        | \$532.21                       | \$552.75  | \$1,203.50                                       |

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**ACCESS SERVICE**17. Rates and Charges - Livingston Telephone Company (Cont'd)

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17.2 Switched Access Service (Cont'd)Tariff  
Section  
Reference17.2.2 Local Transport (Cont'd)Premium Access (Cont'd)Multiplexing, Per Arrangement

6.1.3(A)(5)

MonthlyDS3 to DS1DS1 to Voice

\$484.36

\$187.00

Customer Node, Per Node

6.1.3(A)(7)

MonthlyOC3  
155.52 MbpsOC12  
622.08 MbpsNonrecurring Charge  
All

\$502.80

\$1,452.55

\$640.00

Customer Premises Port, Per Port

6.1.3(A)(6)

Monthly RateNonrecurring Charge

OC3 155.52 Mbps

\$154.00

None

STS-1 51.84 Mbps

\$198.08

\$640.00

DS3 44.736 Mbps

\$198.08

\$640.00

DS1 1.544 Mbps

\$ 50.78

\$640.00

Add/Drop Multiplexing Central Office Port, Per Port

6.1.3(A)(6)

Monthly RateOC3  
155.52 Mbps  
\$154.00OC12  
44.736 Mbps  
\$101.57DS1  
1.544 Mbps  
\$ 40.63

(N)

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)

Tandem Switched Transport 6.1.3(A)(3)

## Premium Access (Cont'd)

- Tandem Switched Facility  
Per Access Minute, Per Mile \$0.000025
- Tandem Switched Termination  
Per Access Minute, Per Termination \$0.006954
- Network Blocking  
Per Blocked Call – Applied to FGD only \$0.0153

8XX Data Base Access Service Queries

## Per Query

- Basic \$0.0054
- Vertical Feature \$0.0060

(N)

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**ACCESS SERVICE**17. Rates and Charges - Livingston Telephone Company (Cont'd)17.2 Switched Access Service (Cont'd)

| 17.2.3 <u>End Office</u>                       |             | Tariff<br>Section<br>Reference |  |
|--|-------------|--------------------------------|--|
|  | <u>Rate</u> | <u>Reference</u>               |  |
| (A) Local Switching                            |             |                                |  |
| - Local Switching-Premium<br>Per Access Minute | \$0.007275  | 6.1.3(B)(1)                    |  |
| (B) Information Surcharge                      |             |                                |  |
| Per 100 Access Minutes - Premium               | \$0.0267    | 6.1.3(B)(2)                    |  |

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)17.3 Special Access Service17.3.1 Surcharge for Special Access Service

- Per Voice Grade Equivalent

| <u>Monthly<br/>Rate</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-------------------------|---|
| \$25.00                 | 7.3                                     |

(N)

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.2 Metallic Service

Regulations concerning Metallic Service are set forth in Section 7.4 preceding.

|  | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--|-------------------------|--------------------------------|
| (A) Channel Termination<br>Per Termination         | \$28.36                 | \$450.00                       |
| (B) Channel Mileage                                |                         |                                |
| (1) Channel Mileage Facility<br>Per Mile           | \$40.81                 |                                |
| (2) Channel Mileage Termination<br>Per Termination | \$ 2.85                 |                                |
| (C) Optional Features and Functions                |                         |                                |
| (1) Bridging                                       |                         |                                |
| (a) Three Premises<br>Bridging Per Port            | \$ 6.64                 |                                |
| (b) Series Premises<br>Per Port                    | \$ 6.64                 |                                |
| (2) DSL Access Service Connection                  |                         |                                |
| (a) Per 10BASE-T                                   | \$210.24                | \$450.00                       |
| (b) Per 100BASE-T                                  | \$1,082.33              | \$650.00                       |

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.3 Telegraph Grade Service

Regulations concerning Telegraph Grade Service are set forth in Section 7.5 preceding.

|  | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--|-------------------------|--------------------------------|
| (A) Channel Termination<br>Per Termination         |                         |                                |
| (1) Two-Wire                                       | \$28.36                 | \$450.00                       |
| (2) Four-Wire                                      | \$56.73                 | \$450.00                       |
| (B) Channel Mileage                                |                         |                                |
| (1) Channel Mileage Facility<br>Per Mile           | \$ 3.40                 |                                |
| (2) Channel Mileage Termination<br>Per Termination | \$34.10                 |                                |
| (C) Optional Features and Functions                |                         |                                |
| (1) Telegraph Bridging Per Port                    |                         |                                |
| - Two-Wire   | \$ 6.94                 |                                |
| - Four-Wire  | \$6.94                  |                                |

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service

Regulations concerning Voice Grade Service are set forth in Section 7.6 preceding.

|  | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--|-------------------------|--------------------------------|
| (A) Channel Termination<br>Per Termination         |                         |                                |
| (1) Two-Wire                                       | \$47.64                 | \$450.00                       |
| (2) Four-Wire                                      | \$76.23                 | \$450.00                       |
| (B) Channel Mileage                                |                         |                                |
| (1) Channel Mileage Facility<br>Per Mile           | \$ 3.40                 |                                |
| (2) Channel Mileage Termination<br>Per Termination | \$34.10                 |                                |
| (C) Optional Features and Functions                |                         |                                |
| (1) Bridging                                       |                         |                                |
| (a) Voice Bridging<br>Per Port                     |                         |                                |
| - Two-Wire   | \$ 6.64                 |                                |
| - Four-Wire  | \$6.64                  |                                |

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

## (C) Optional Features and Functions (Cont'd)

Monthly  
Rate

## (1) Bridging (Cont'd)

## (b) Data Bridging Per Port

- Two-Wire \$ 6.64

- Four-Wire \$ 6.64

(c) Telephoto Bridging  
Per Port

- Two-Wire \$ 6.64

- Four-Wire \$ 6.64

(d) DATAPHONE Select-A-Station  
BridgingSequential Arrangement, Ports  
Per Channel connected

- Two-Wire \$ 22.66

- Four-Wire \$120.20

Addressable Arrangement, Ports  
Per Channel connected

- Two-Wire \$ 24.25

- Four-Wire \$104.98

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**ACCESS SERVICE**Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

## (C) Optional Features and Functions (Cont'd)

|  | <u>Monthly<br/>Rate</u> |
|--|-------------------------|
| (1) Bridging (Cont'd)  |                         |
| (e) Telemetry and Alarm Bridging                                 |                         |
| Active Bridging Channel Connections<br>Per Channel Connected     |                         |
| - Split Band   | \$10.58                 |
| - Summation  | \$ 4.13                 |
| Passive Bridging Channel<br>Connections Per Channel<br>Connected | \$ 0.29                 |
| (2) Conditioning, Per Termination                                |                         |
| (a) C-Type   | \$ 8.01                 |
| (b) Improved Attenuation Distortion*                             | None                    |
| (c) Improved Envelope Delay<br>Distortion *                      | None                    |
| (d) Data Capability  | \$ 7.11                 |
| (e) Telephoto Capability   | \$ 9.22                 |
| (f) Sealing Current  | None                    |

\*Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

## (C) Optional Features and Functions (Cont'd)

|   | <u>Monthly<br/>Rate</u> |
|---|-------------------------|
| (3) Improved Return Loss for Effective<br>Two-Wire or Four-Wire Transmission<br>Per Termination |                         |
| (a) Two-Wire  | \$ 13.07                |
| (b) Four-Wire   | \$ 13.07                |
| (4) Customer Specified Receive Level<br>Per Two-Wire Termination                                | \$ 8.99                 |
| (5) Multiplexing Per Arrangement<br>Voice to Telegraph Grade                                    | \$230.98                |
| (6) Signaling Capability, Per Termination   | \$18.33                 |
| (7) Selective Signaling Arrangement<br>Per Arrangement  | \$ 6.64                 |

(N)

(N)

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

## (C) Optional Features and Functions (Cont'd)

|  | <u>Monthly<br/>Rate</u> |
|--|-------------------------|
| (8) Transfer Arrangement (key activated*<br>or Dial-up**)                            |                         |
| (a) Per Four Port Arrangement<br>Including Control Channel<br>Termination***         | \$ 3.19                 |
| (b) Per Five Port Arrangement<br>Including Control Channel<br>Termination***         | \$ 7.30                 |
| (9) Public Packet Switching Network (PPSN)<br>Interface Arrangement, per arrangement | ICB                     |

\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 preceding.

\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.5 Program Audio Service

Regulations concerning Program Audio Service are set forth in Section 7.7 preceding.

|  | <u>Daily<br/>Rate*</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--|------------------------|-------------------------|--------------------------------|
| (A) Channel Termination<br>Per Termination         |                        |                         |                                |
| - 200 to 3500 Hz                                   | \$5.05                 | \$50.49                 | \$450.00                       |
| - 100 to 5000 Hz                                   | \$8.79                 | \$87.92                 | \$450.00                       |
| - 50 to 8000 Hz                                    | \$8.79                 | \$87.92                 | \$450.00                       |
| - 50 to 15000 Hz                                   | \$8.79                 | \$87.92                 | \$450.00                       |
| (B) Channel Mileage                                |                        |                         |                                |
| (1) Channel Mileage Facility<br>Per Mile           |                        |                         |                                |
| - 200 to 3500 Hz                                   | \$0.34                 | \$3.40                  |                                |
| - 100 to 5000 Hz                                   | \$0.68                 | \$6.79                  |                                |
| - 50 to 8000 Hz                                    | \$1.02                 | \$10.19                 |                                |
| - 50 to 15000 Hz                                   | \$1.36                 | \$13.58                 |                                |
| (2) Channel Mileage Termination<br>Per Termination |                        |                         |                                |
| - 200 to 3500 Hz                                   | \$3.47                 | \$34.10                 |                                |
| - 100 to 5000 Hz                                   | \$6.82                 | \$68.20                 |                                |
| - 50 to 8000 Hz                                    | \$10.23                | \$102.30                |                                |
| - 50 to 15000 Hz                                   | \$13.64                | \$136.40                |                                |

\* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.5 Program Audio Service (Cont'd)

|  | <u>Daily<br/>Rate*</u> | <u>Monthly<br/>Rate</u> |
|--|------------------------|-------------------------|
| (C) Optional Features and Functions              |                        |                         |
| (1) Bridging, Distribution<br>Amplifier Per Port | \$2.04                 | \$20.38                 |
| (2) Gain Conditioning Per Service                | \$1.32                 | \$13.19                 |
| (3) Stereo Per Service                           | \$2.26                 | \$22.61                 |

\* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.6 Video Service

Regulations concerning Video Service are set forth in Section 7.8 preceding, except that Daily service is not offered.

|  | <u>Daily<br/>Rate *</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--|-------------------------|-------------------------|--------------------------------|
| (A) Channel Termination<br>Per Termination         |                         |                         |                                |
| - TV-1 or 2  | \$286.94                | \$521.71                | \$330.00                       |
| - 4TV-5  | \$286.94                | \$521.71                | \$330.00                       |
| - 6TV-5  | \$286.94                | \$521.71                | \$330.00                       |
| - TV-15  | \$286.94                | \$521.71                | \$330.00                       |
| (B) Channel Mileage                                |                         |                         |                                |
| (1) Channel Mileage Facility<br>Per Mile           |                         |                         |                                |
| - All  | \$244.23                | \$444.05                |                                |
| (2) Channel Mileage Termination<br>Per Termination |                         |                         |                                |
| - All  | \$260.21                | \$473.11                |                                |

\* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

(N)

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service

Regulations concerning Digital Data Service are set forth in Section 7.9 preceding, except that Daily service is not offered.

|                                 | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|---------------------------------|-------------------------|--------------------------------|
| (A) Channel Termination         |                         |                                |
| Per Termination                 |                         |                                |
| - 2.4 kbps                      | \$87.92                 | \$390.00                       |
| - 4.8 kbps                      | \$87.92                 | \$390.00                       |
| - 9.6 kbps                      | \$87.92                 | \$390.00                       |
| - 19.2 kbps                     | \$87.92                 | \$390.00                       |
| - 56.0 kbps                     | \$87.92                 | \$390.00                       |
| - 64.0 kbps                     | \$87.92                 | \$390.00                       |
| (B) Channel Mileage             |                         |                                |
| (1) Channel Mileage Facility    |                         |                                |
| Per Mile                        |                         |                                |
| - 2.4 kbps                      | \$3.23                  |                                |
| - 4.8 kbps                      | \$3.23                  |                                |
| - 9.6 kbps                      | \$3.23                  |                                |
| - 19.2 kbps                     | \$3.23                  |                                |
| - 56.0 kbps                     | \$4.57                  |                                |
| - 64.0 kbps                     | \$4.57                  |                                |
| (2) Channel Mileage Termination |                         |                                |
| Per Termination                 |                         |                                |
| - 2.4 kbps                      | \$32.40                 |                                |
| - 4.8 kbps                      | \$32.40                 |                                |
| - 9.6 kbps                      | \$32.40                 |                                |
| - 19.2 kbps                     | \$32.40                 |                                |
| - 56.0 kbps                     | \$45.91                 |                                |
| - 64.0 kbps                     | \$45.91                 |                                |

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service (Cont'd)

## (C) Optional Features and Functions

|  | <u>Monthly<br/>Rate</u> |
|--|-------------------------|
| (1) Bridging Per Port  | \$8.02                  |
| (2) Loop Transfer Arrangement Per Four<br>Port Arrangement* Key Activated**<br>or Dial-up*** | \$6.35                  |
| (3) Public Packet Switching Network<br>Interface Arrangement                                 |                         |
| - Per 9.6 kbps Arrangement   | ICB                     |
| - Per 56.0 kbps Arrangement  | ICB                     |

## (D) Channel Service Unit Per Termination\*\*\*\*

|             |         |
|-------------|---------|
| - 2.4 kbps  | \$31.72 |
| - 4.8 kbps  | \$31.72 |
| - 9.6 kbps  | \$31.72 |
| - 56.0 kbps | \$31.72 |

\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

\*\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\*\* The Dial-Up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 preceding.

\*\*\*\* Channel Service Units will only be provided under tariff if they existed in the Telephone Company's inventory as of November 18, 1983.

(N)

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service

Regulations concerning High Capacity Service are set forth in 7.10 preceding.

|     |  | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-----|--|-------------------------|--------------------------------|
| (A) | Channel Termination<br>Per Termination |                         |                                |
| -   | DS1 1.544 Mbps                         | \$233.16                | \$330.00                       |
| -   | DS1C 3.152 Mbps                        | ICB                     | ICB                            |
| -   | DS2 6.312 Mbps                         | ICB                     | ICB                            |
| -   | DS3 44.736 Mbps                        | \$2,128.88              | \$445.00                       |
| -   | DS4 274.176 Mbps                       | ICB                     | ICB                            |

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)Monthly  
Rate

## (B) Channel Mileage

(1) Channel Mileage Facility  
Per Mile

|                |          |
|----------------|----------|
| 64 kbps*       | \$4.57   |
| - 1.544 Mbps   | \$15.97  |
| - 3.152 Mbps   | ICB      |
| - 6.312 Mbps   | ICB      |
| - 44.736 Mbps  | \$139.15 |
| - 274.176 Mbps | ICB      |

(2) Channel Mileage Termination  
Per Termination

|                |          |
|----------------|----------|
| 64 kbps*       | \$45.91  |
| - 1.544 Mbps   | \$82.88  |
| - 3.152 Mbps   | ICB      |
| - 6.312 Mbps   | ICB      |
| - 44.736 Mbps  | \$532.21 |
| - 274.176 Mbps | ICB      |

(C) Optional Rate Plan Term Discounts  
DS1 and DS3 ServicesPercentage

|             |     |
|-------------|-----|
| - 36 Months | 10% |
| - 60 Months | 20% |

\*Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64.0 kbps.

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

|                                     | <u>Monthly<br/>Rate</u> |
|-------------------------------------|-------------------------|
| (D) Optional Features and Functions |                         |
| (1) Multiplexing, Per Arrangement   |                         |
| - DS4 to DS1                        | ICB                     |
| - DS3 to DS1                        | \$484.36                |
| - DS2 to DS1                        | ICB                     |
| - DS1C to DS1                       | ICB                     |
| - DS1 to Voice*                     | \$187.00                |
| - DS1 to DS0                        | \$187.00                |
| - DS0 to Subrates                   |                         |
| - Up to 20 2.4 kbps Services        | \$398.26                |
| - Up to 10 4.8 kbps Services        | \$270.62                |
| - Up to 5 9.6 kbps Services         | \$239.97                |

\*A channel of this DS1 to the Hub can be used for Digital Data service

(N)

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**ACCESS SERVICE**17. Rates and Charges –Livingston Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

|   |                 | Monthly<br>Rate        |
|---|-----------------|------------------------|
| (D) Optional Features and Functions (Cont'd)  |                 |                        |
| (2) Automatic Loop Transfer<br>Per Arrangement*   |                 | \$161.34               |
| (3) Transfer Arrangement (key activated**<br>or Dial-up***<br>- Per Four Port Arrangement Including<br>Control Channel Termination****) |                 | \$175.85               |
| (4) Clear Channel Capability<br>Per 1.544 Mbps Transmission Path  |                 | None                   |
| (5) Shared SONET Ring Interoffice Transport<br>Per DS3 Channel Mileage Facility   |                 | None                   |
| (E) Network Channel Terminating Equipment<br>(NCTE) Per Termination*****  |                 |                        |
| (1) 1.544 Mbps  |                 | \$ 91.50               |
| (2) Automatic Loop Transfer   |                 | \$367.63               |
| (F) DSL Connection Service  | Monthly<br>Rate | Nonrecurring<br>Charge |
| (1) Per 1.544 Mbps  | \$210.24        | \$450.00               |
| (2) Per 44.736 Mbps   | \$1,460.06      | \$650.00               |

\* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises.

\*\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from 13.3.4 preceding.

\*\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

\*\*\*\*\* NCTE will only be provided under tariff if it existed in the Telephone Company's inventory as of November 18, 1983.

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17. Rates and Charges – Livingston Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Reserved for Future Use

17.3.10 Reserved for Future Use

(N)  
—  
(N)

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.11 Synchronous Optical Channel Service

Regulations concerning Synchronous Optical Channel Service are set forth in 7.11 preceding.

|     |   | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-----|---|-------------------------|--------------------------------|
| (A) | Channel Termination<br>Per Termination                          |                         |                                |
| -   | OC3/OC3c 155.52 Mbps  | \$2,165.36              | \$360.00                       |
| -   | OC-12 622.08 Mbps   | \$2,260.21              | \$360.00                       |
| (B) | Channel Mileage Facility<br>Per Mile                            |                         |                                |
| -   | OC3/OC3c 155.52 Mbps  | \$ 148.58               |                                |
| -   | OC-12 622.08 Mbps   | \$ 186.49               |                                |
| (C) | Channel Mileage Termination<br>Per Termination                  |                         |                                |
| -   | OC3/OC3c 155.52 Mbps  | \$ 552.75               |                                |
| -   | OC-12 622.08 Mbps   | \$1,203.50              |                                |
| (D) | Optional Rate Plan Term Discounts<br>OC3/OC3c and OC12 Services |                         |                                |
|     |   | <u>Percentage</u>       |                                |
| -   | 36 Months   | 10%                     |                                |
| -   | 60 Months   | 20%                     |                                |

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|   |           |             | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|---|-----------|-------------|-------------------------|--------------------------------|
| (E) Optional Features and Functions   |           |             |                         |                                |
| (1) Customer Node, Per Node   |           |             |                         |                                |
| -   | OC3/OC3c  | 155.52 Mbps | \$ 502.80               | \$640.00                       |
| -   | OC-12     | 622.08 Mbps | \$1,452.55              | \$640.00                       |
| (2) Customer Premise Port, Per Port   |           |             |                         |                                |
| -   | OC3/OC3c  | 155.52 Mbps | \$ 154.00               | None                           |
| -   | STS-1     | 51.84 Mbps  | \$ 198.08               | \$640.00                       |
| -   | DS3       | 44.736 Mbps | \$ 198.08               | \$640.00                       |
| -   | DS1       | 1.544 Mbps  | \$ 50.78                | \$640.00                       |
| (3) Add/Drop Multiplexing<br>Central Office Port, Per Port                  |           |             |                         |                                |
| -   | OC3/OC3Cc | 155.52 Mbps | \$ 154.00               |                                |
| -   | DS3       | 44.736 Mbps | \$ 101.57               |                                |
| -   | DS1       | 1.544 Mbps  | \$ 40.63                |                                |
| (4) Shared SONET Ring Interoffice Transport<br>Per Channel Mileage Facility |           |             |                         |                                |
| -   | OC3/OC3C  |             | None                    |                                |
| -   | OC-12     |             | None                    |                                |
| (5) DSL Access Service Connections  |           |             |                         |                                |
| -   | OC3/OC3C  |             | \$2,558.02              | \$1,200.00                     |

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**ACCESS SERVICE**17. Rates and Charges –Livingston Telephone Company (Cont'd)

(N)

17.4 Other Services17.4.1 Access Ordering

|   | <u>Charge</u> |
|---|---------------|
| (A) Access Order Charge<br>Per Order  | \$ 86.00      |
| (B) Service Date Change Charge<br><br>A Service Date Change Charge will apply,<br>on a per order per occurrence basis, for each<br>service date changed. The Access Order Charge<br>as specified in 17.4.1(A) preceding does not<br>apply. The applicable charge is:<br><br>Service Date Change Charge, Per Order | \$ 60.00      |
| (C) Design Change Charge<br><br>The Design Change Charge will apply on<br>a per order per occurrence basis, for each<br>order requiring design change. The<br>applicable charge is:<br><br>Design Change Charge, Per Order  | \$ 84.00      |
| (D) Miscellaneous Service Order Charge<br><br>Per Occurrence  | \$123.00      |

(N)

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.2 Additional Engineering

| <u>Additional Engineering<br/>Periods</u> |   | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u> |
|---|---|---|
| (A)                                       | Basic Time Per Engineer Normally Scheduled Working Hours          | \$31.03   |
| (B)                                       | Overtime Per Engineer Outside of Normally Scheduled Working Hours | \$46.55   |
| (C)                                       | Premium Time Outside of Scheduled Work Day, Per Engineer          | \$62.06   |

(N)

(N)

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.3 Additional Labor

| <u>Additional Labor Periods</u>  | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u> |
|--|---|
| (A) Installation or Repair   |   |
| - Overtime,<br>outside of regularly scheduled working<br>hours, on a scheduled work day,<br>per technician | \$47.57*  |
| - Premium Time,<br>outside of scheduled work day,<br>per technician  | \$63.42*  |
| (B) Stand By   |   |
| - Basic Time,<br>regularly scheduled working hours,<br>per technician                                      | \$21.18   |
| - Overtime,<br>outside of regularly scheduled working<br>hours, on a scheduled work day,<br>per technician | \$31.77*  |
| - Premium Time,<br>outside of scheduled work day,<br>per technician  | \$42.36*  |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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**ACCESS SERVICE**17. Rates and Charges –Livingston Telephone Company (Cont'd)

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17.4 Other Services (Cont'd)17.4.3 Additional Labor (Cont'd)

|     | <u>Additional Labor<br/>Periods</u>   | <u>Each Half Hour or<br/>Fraction Thereof</u>     |  |
|-----|---|---|--|
|     |   | <u>Installation<br/>and Repair<br/>Technician</u> | <u>Central Office<br/>Maintenance<br/>Technician</u> |
| (C) | Testing and Maintenance with other<br>Telephone Companies or Other Labor                              |   |  |
| -   | Basic Time Per Technician Regularly<br>Scheduled Working Hours  | \$31.71   | \$34.66  |
| -   | Overtime Per Technician Outside of<br>Regularly Scheduled Working Hours<br>on a Scheduled Working Day | \$47.57*  | \$51.99*   |
| -   | Premium Time Per Technician Outside<br>of Scheduled Work Day  | \$63.42*  | \$69.32*   |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services

## (A) Additional Cooperative Acceptance Testing - Switched Access

| <u>Testing Periods</u>                        | <u>Each Half Hour or<br/>Fraction Thereof</u>                                   |
|---|---|
| Basic Time,<br>Overtime* and<br>Premium Time* | See the rates for<br>Additional Labor<br>as set forth in<br>17.4.3(C) preceding |

## (B) Additional Automatic Testing - Switched Access

To First Point  
of Switching

Additional Tests

|                         | <u>Per Test Per<br/>Transmission Path</u> |
|-------------------------|---|
| Gain-Slope Tests        | \$2.89                                    |
| C-Notched Noise Tests   | \$2.89                                    |
| 1004 Hz Loss**          | \$2.89                                    |
| C-Message Noise**       | \$2.89                                    |
| Balance (return loss)** | \$2.89                                    |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

\*\* 1004 Hz Loss, C-Message Noise and Balance are non-chargeable routine tests, however, they may be requested on an as needed or more than routine scheduled basis, in which case the charges herein

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(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)

## (C) Additional Manual Testing - Switched Access

To First Point  
of Switching

Additional Tests

Each Half Hour or  
Fraction ThereofGain-Slope,  
C-Notched Noise  
and any other  
agreed to tests,  
per technicianSee the rates for  
Additional Labor  
as set forth in  
17.4.3(C) preceding

## (D) Additional Cooperative Acceptance Testing - Special Access

Testing PeriodsEach Half Hour or  
Fraction ThereofBasic Time,  
Overtime\* and  
Premium Time\*See the rates for  
Additional Labor  
as set forth in  
17.4.3(C) preceding

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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|  |   |
|--|---|
| (E) Additional Manual Testing - Special Access |   |
| <u>Testing Periods</u>                         | <u>Each Half Hour or Fraction Thereof</u>                                       |
| Basic Time,<br>Overtime* and<br>Premium Time*  | See the rates for<br>Additional Labor<br>as set forth in<br>17.4.3(C) preceding |
| (F) Maintenance of Service                     |   |
| <u>Maintenance of Service Periods</u>          | <u>Each Half Hour or Fraction Thereof</u>                                       |
| Basic Time,<br>Overtime* and<br>Premium Time*  | See the rates for<br>Additional Labor<br>as set forth in<br>17.4.3(C) preceding |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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## (G) Telecommunications Service Priority

Nonrecurring  
Charge

- Per Service Arranged \$ 54.63

## (H) Controller Arrangement

Monthly  
Rate

- Per Arrangement \$100.00

(N)

(N)

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(I) Presubscribed Interexchange  
Carrier (PIC) Change Charge\*Nonrecurring  
Charge- Per Telephone Exchange Service  
Line or Trunk for each InterLATA  
PIC change:

(1) Submitted using manual methods \$ 5.50

(2) Submitted using electronic methods \$ 1.25

(3) Submitted using manual methods  
when both the InterLATA PIC and  
intraLATA PIC selections are  
changed simultaneously \$ 2.75Submitted using electronic methods  
when both the InterLATA PIC and  
intraLATA PIC selections are  
changed simultaneously \$ 0.63

- \* This charge is generally billed to the end user who is the subscriber to the Telephone Exchange Service. In those instances where the IC both requests the PIC change, and requests the associated charge be billed to it, the Telephone Company will bill the IC. In the event the subscriber is incorrectly presubscribed due to misassignment on the part of the Telephone Company, no charge shall apply. In the event the subscriber denies requesting a PIC change, the Telephone Company will credit the subscriber's account for the PIC Change Charge associated with the alleged unauthorized change, if such charge was billed to the subscriber. The Telephone Company will then bill the IC responsible for the alleged unauthorized change a PIC Change Charge to return the subscriber to its previous authorized carrier and, if initially billed to the subscriber, the PIC Change Charge for the alleged unauthorized change.

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(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)

|   | <u>Nonrecurring<br/>Charge</u> |
|---|--------------------------------|
| (J) Reserved for Future Use   |                                |
| (K) Blocking Service*   |                                |
| - Per Exchange Service<br>Line or Trunk and/or<br>Per Feature Group A<br>Switched Access Line | \$11.20                        |
| (L) Billing Name and Address Service  |                                |
| - Per BNA Order   | \$50.94                        |
| - Per BNA Record  | \$ 0.33                        |
| - Optional Magnetic Tape<br>Charge - Per Magnetic<br>Tape                                     | \$91.44                        |
| - Optional Format<br>Programming Charge   |                                |
| - Per Each Half Hour<br>or Fraction Thereof   | \$37.20                        |
| (M) Originating Line Screening (OLS) Service  |                                |
| - Per exchange service line   | \$ 7.95                        |
| (N) Coin Supervision Additive Service   | Monthly<br><u>Rate</u>         |
| - Per exchange service line   | \$2.21                         |

(N)

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)

(O) Regulations concerning the Access Recovery Charge are set forth in Section 13.16 preceding.

## (1) Residential ARC

Per line or trunk assessed a  
Residence End User Common Line \$1.00 per month

## (2) Single Line Business ARC

Per line or trunk assessed a  
Single Line Business  
End User Common Line \$1.00 per month

## (3) Multiline Business ARC

Per line or trunk assessed a  
Multiline Business  
End User Common Line \$2.00 per month

(N)

**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.5 Special Federal Government Access Services

## (A) Voice Grade Secure Communications

|   | <u>Monthly<br/>Rates</u>    | <u>Nonrecurring<br/>Charges</u> | <u>Termination<br/>Charges</u> |
|---|-----------------------------|---------------------------------|--------------------------------|
| Type I, Each<br>T-3 Conditioning                    | ICB Rates and Charges Apply |                                 |                                |
| Additional Conditioning,<br>Per Service Termination | ICB Rates and Charges Apply |                                 |                                |
| Type II, Each<br>G-1 Conditioning                   | ICB Rates and Charges Apply |                                 |                                |
| Type III, Each<br>G-2 Conditioning                  | ICB Rates and Charges Apply |                                 |                                |
| Additional Conditioning,<br>Per Service Termination | ICB Rates and Charges Apply |                                 |                                |
| Type IV, Each<br>G-3 Conditioning                   | ICB Rates and Charges Apply |                                 |                                |
| Additional Conditioning,<br>Per Service Termination | ICB Rates and Charges Apply |                                 |                                |

## (B) Wideband Digital Special Access Service

| <u>Wideband Secure<br/>Communications</u> | <u>Monthly<br/>Rates</u>    | <u>Nonrecurring<br/>Charges</u> | <u>Termination<br/>Charges</u> |
|---|-----------------------------|---------------------------------|--------------------------------|
| Type I, Each                              | ICB Rates and Charges Apply |                                 |                                |
| Type II, Each                             | ICB Rates and Charges Apply |                                 |                                |
| Type III, Each                            | ICB Rates and Charges Apply |                                 |                                |

(N)

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17. Rates and Charges – Livingston Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.6 Special Facilities Routing of Access Services

(A) Diversity

For each service provided in accordance with 11 preceding, the rates and charges will be developed on an individual case basis.

(B) Avoidance

For each service provided in accordance with 11 preceding, the rates and charges will be developed on an individual case basis.

(C) Diversity and Avoidance Combined

For each service provided in accordance with 11 preceding, the rates and charges will be developed on an individual case basis.

(D) Cable-Only Facilities

For each service provided in accordance with 11 preceding, the rates and charges will be developed on an individual case basis.

(N)

(N)

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17. Rates and Charges – Livingston Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.7 Specialized Service or Arrangements

Specialized Service or Arrangements are provided on an individual case basis.

(N)  
|  
(N)

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network

## (A) Frame Relay Access Service

Regulations concerning Frame Relay Access Service are set forth in 16.1 preceding.

|  | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--|-------------------------|--------------------------------|
| (1) Frame Relay Access Connection (FRAC)           |                         |                                |
| Per FRAC   |                         |                                |
| - 56.0 kbps  | \$ 145.53               | \$345.00                       |
| - 64.0 kbps  | \$ 145.53               | \$345.00                       |
| - 1.544 Mbps                                       | \$ 345.20               | \$345.00                       |
| - 44.736 Mbps                                      | \$2,751.40              | \$345.00                       |
| (2) Frame Relay Inter-network<br>Connection (FRIC) |                         |                                |
| Per FRIC   |                         |                                |
| - 1.544 Mbps                                       | \$ 345.20               | \$345.00                       |
| - 44.736 Mbps                                      | \$2,751.40              | \$345.00                       |
| (3) End User Port                                  |                         |                                |
| Per Port   |                         |                                |
| - 56.0 kbps  | \$ 71.06                |                                |
| - 64.0 kbps  | \$ 71.06                |                                |
| - 1.544 Mbps                                       | \$ 165.48               |                                |
| - 44.736 Mbps                                      | \$1,157.42              |                                |
| (4) Inter-network Customer Port                    |                         |                                |
| Per Port   |                         |                                |
| - 1.544 Mbps                                       | \$ 165.48               |                                |
| - 44.736 Mbps                                      | \$1,157.42              |                                |
|  | <u>Percentage</u>       |                                |
| (5) Term Discounts                                 |                         |                                |
| - 36 months  | 10%                     |                                |
| - 60 months  | 20%                     |                                |

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## (A) Frame Relay Access Service (Cont'd)

## (6) Permanent Virtual Connections (PVCs)

| (a) Standard | Monthly     |
|--------------|-------------|
| <u>CIR</u>   | <u>Rate</u> |
| 8 kbps       | \$ 5.07     |
| 16 kbps      | \$ 5.07     |
| 28 kbps      | \$ 6.09     |
| 32 kbps      | \$ 6.09     |
| 56 kbps      | \$ 7.11     |
| 64 kbps      | \$ 7.11     |
| 128 kbps     | \$ 9.12     |
| 192 kbps     | \$12.19     |
| 256 kbps     | \$14.22     |
| 384 kbps     | \$20.31     |
| 512 kbps     | \$28.42     |
| 768 kbps     | \$36.56     |

| (b) Extended | Monthly     |
|--------------|-------------|
| <u>CIR</u>   | <u>Rate</u> |
| 8 kbps       | \$ 6.09     |
| 16 kbps      | \$ 6.09     |
| 28 kbps      | \$ 7.34     |
| 32 kbps      | \$ 7.34     |
| 56 kbps      | \$14.67     |
| 64 kbps      | \$14.67     |
| 128 kbps     | \$29.35     |
| 192 kbps     | \$44.02     |
| 256 kbps     | \$58.69     |
| 384 kbps     | \$88.04     |
| 512 kbps     | \$117.39    |
| 768 kbps     | \$176.08    |

|                              | <u>Nonrecurring</u> |
|------------------------------|---------------------|
|                              | <u>Charge</u>       |
| (7) PVC Installation Charge  | \$64.00             |
| (8) PVC Rearrangement Charge | \$32.00             |

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(N)

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

## (B) Asynchronous Transfer Mode Cell Relay Access Service

Regulations concerning Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) are set forth in Section 16.7, preceding.

## (1) Ports

## (a) Per Basic UNI or NNI Port

| <u>Transfer<br/>Rate</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--------------------------|-------------------------|--------------------------------|
| 1.544 Mbps               | \$ 453.71               | \$ 390.00                      |
| 44.736 Mbps              | \$2,520.51              | \$ 390.00                      |
| 155.52 Mbps              | \$3,905.58              | \$ 390.00                      |
| 622.08 Mbps              | \$5,669.14              | \$ 390.00                      |

## (b) Per Ethernet-based UNI or NNI Port

| <u>Transfer<br/>Rate</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--------------------------|-------------------------|--------------------------------|
| 10 Mbps                  | \$ 698.81               | \$1,780.00                     |
| 100 Mbps                 | \$1,082.33              | \$1,780.00                     |
| 1 Gbps                   | \$2,550.15              | \$3,233.00                     |

## (2) Virtual Paths

## (a) Path Charge, Per Path

| <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-------------------------|--------------------------------|
| \$ 5.07                 | \$ 64.00                       |

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(N)

(N)

**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

## (B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

## (2) Virtual Paths (Cont'd)

## (b) Capacity Charge, Per Megabit of Capacity, Per Path

Traffic Routing Prioritization Parameter

## i) Path Size 1 to 50 Mbps

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |
|-----------------|-------------------------|
| CBR             | \$25.36                 |
| VBR-rt          | \$20.29                 |
| VBR-nrt         | \$15.23                 |
| UBR             | \$12.68                 |

## ii) Path Size 51 to 150 Mbps

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |
|-----------------|-------------------------|
| CBR             | \$22.81                 |
| VBR-rt          | \$17.75                 |
| VBR-nrt         | \$12.68                 |
| UBR             | \$10.14                 |

## iii) Path Size Over 150 Mbps

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |
|-----------------|-------------------------|
| CBR             | \$17.75                 |
| VBR-rt          | \$12.68                 |
| VBR-nrt         | \$10.14                 |
| UBR             | \$ 7.60                 |

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

## (B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

## (3) Virtual Circuit Channels, Per Virtual Circuit Channel

| <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-------------------------|--------------------------------|
| \$ 5.07                 | \$ 64.00                       |

## (4) Optional Features and Functions

## (a) DSL Access Service Connection

## i) Per Basic UNI or NNI Port Equipped

| <u>Port<br/>Speed</u> | <u>Nonrecurring<br/>Charge</u> |
|-----------------------|--------------------------------|
| 1.544 Mbps            | \$ 450.00                      |
| 44.736 Mbps           | \$ 650.00                      |
| 155.52 Mbps           | \$1,200.00                     |
| 622.08 Mbps           | \$1,608.00                     |

## ii) Per Ethernet-based UNI or NNI Port Equipped

| <u>Port<br/>Speed</u> | <u>Nonrecurring<br/>Charge</u> |
|-----------------------|--------------------------------|
| 10 Mbps               | \$ 450.00                      |
| 100 Mbps              | \$ 650.00                      |
| 1 Gbps                | \$1,608.00                     |

## iii) Per 1 Mbps DSL VCC

| <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-------------------------|--------------------------------|
| \$ 30.42                | \$ 64.00                       |

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## (B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

## (4) Optional Features and Functions (Cont'd)

## (a) DSL Access Service Connection (Cont'd)

## iv) Per MM-VCC

| <u>Per Mbps<br/>Increment</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge Per<br/>MM-VCC</u> |
|-------------------------------|-------------------------|---|
| 1 Mbps                        | \$1.64                  | \$7.00  |
| 4 Mbps                        | \$3.18                  | \$7.00  |

|                                |
|--------------------------------|
| <u>Nonrecurring<br/>Charge</u> |
|--------------------------------|

|                             |        |
|-----------------------------|--------|
| v) Per MM-VCC Design Change | \$6.00 |
|-----------------------------|--------|

## (5) ATM-CRS Term Discount Plan

| <u>Term Commitment</u> | <u>Percentage</u> |
|------------------------|-------------------|
| - 36 Months            | 10%               |
| - 60 Months            | 20%               |

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

## (C) Ethernet Transport Service

Regulations concerning Ethernet Transport Service (ETS) are set forth in Section 16.4, preceding.

## (1) ETS Channel Terminations

## (a) Per termination when customer designated premises located within 300 feet of ETS SWC

| <u>Transfer<br/>Rate</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--------------------------|-------------------------|--------------------------------|
| 2 Mbps                   | \$ 110.00               | \$295.00                       |
| 5 Mbps                   | \$ 135.00               | \$295.00                       |
| 10 Mbps                  | \$ 155.93               | \$295.00                       |
| 20 Mbps                  | \$ 171.15               | \$295.00                       |
| 50 Mbps                  | \$ 205.38               | \$295.00                       |
| 100 Mbps                 | \$ 228.20               | \$295.00                       |
| 250 Mbps                 | \$ 325.00               | \$295.00                       |
| 500 Mbps                 | \$ 425.98               | \$442.00                       |
| 750 Mbps                 | \$ 495.00               | \$442.00                       |
| 1 Gbps                   | \$ 566.69               | \$442.00                       |

## (b) Per termination when customer designated premises located more than 300 feet of ETS SWC

| <u>Transfer<br/>Rate</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--------------------------|-------------------------|--------------------------------|
| 2 Mbps                   | \$ 272.00               | \$295.00                       |
| 5 Mbps                   | \$ 275.00               | \$295.00                       |
| 10 Mbps                  | \$ 278.91               | \$295.00                       |
| 20 Mbps                  | \$ 304.26               | \$295.00                       |
| 50 Mbps                  | \$ 370.19               | \$295.00                       |
| 100 Mbps                 | \$ 405.69               | \$295.00                       |
| 250 Mbps                 | \$ 575.00               | \$295.00                       |
| 500 Mbps                 | \$ 760.67               | \$442.00                       |
| 750 Mbps                 | \$ 875.00               | \$442.00                       |
| 1 Gbps                   | \$1,014.22              | \$442.00                       |

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7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

## (C) Ethernet Transport Service (Cont'd)

## (2) Ports

## (a) Per ETS Basic Port

| <u>Transfer<br/>Rate</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--------------------------|-------------------------|--------------------------------|
| 2 Mbps                   | \$ 140.00               | \$259.00                       |
| 5 Mbps                   | \$ 155.00               | \$259.00                       |
| 10 Mbps                  | \$ 171.15               | \$259.00                       |
| 20 Mbps                  | \$ 190.16               | \$259.00                       |
| 50 Mbps                  | \$ 209.18               | \$259.00                       |
| 100 Mbps                 | \$ 228.20               | \$259.00                       |
| 250 Mbps                 | \$ 315.00               | \$259.00                       |
| 500 Mbps                 | \$ 399.35               | \$388.00                       |
| 750 Mbps                 | \$ 505.00               | \$388.00                       |
| 1 Gbps                   | \$ 608.54               | \$388.00                       |

## (b) Per ETS Interconnection Port

| <u>Transfer<br/>Rate</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--------------------------|-------------------------|--------------------------------|
| 44.736 Mbps              | \$2,282.00              | \$175.00                       |
| 155.52 Mbps              | \$2,738.40              | \$262.00                       |
| 622.08 Mbps              | \$4,564.00              | \$262.00                       |

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

## (C) Ethernet Transport Service (Cont'd)

## (3) ETS Ethernet Virtual Connections (EVCs)

## (a) Per Intraswitch ETS EVC

| <u>Transfer<br/>Rate</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--------------------------|-------------------------|--------------------------------|
| 2 Mbps                   | \$0.00                  | \$205.00                       |
| 5 Mbps                   | \$0.00                  | \$205.00                       |
| 10 Mbps                  | \$0.00                  | \$205.00                       |
| 20 Mbps                  | \$0.00                  | \$205.00                       |
| 50 Mbps                  | \$0.00                  | \$205.00                       |
| 100 Mbps                 | \$0.00                  | \$205.00                       |
| 250 Mbps                 | \$0.00                  | \$205.00                       |
| 500 Mbps                 | \$0.00                  | \$307.00                       |
| 750 Mbps                 | \$0.00                  | \$307.00                       |
| 1 Gbps                   | \$0.00                  | \$307.00                       |

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

|                          |                     |
|--------------------------|---------------------|
| Near<br><u>Real Time</u> | Real<br><u>Time</u> |
| \$0.60                   | \$1.20              |

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

|                          |                     |
|--------------------------|---------------------|
| Near<br><u>Real Time</u> | Real<br><u>Time</u> |
| \$0.35                   | \$0.70              |

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**ACCESS SERVICE**17. Rates and Charges – Livingston Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

## (C) Ethernet Transport Service (Cont'd)

## (3) ETS Ethernet Virtual Connections (EVCs)

## (a) Per Intraswitch ETS EVC

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$0.20           | \$0.40      |

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$2.00           | \$4.00      |

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

## (C) Ethernet Transport Service (Cont'd)

## (3) ETS Ethernet Virtual Connections (EVCs)

## (b) Per Interswitch ETS EVC

| <u>Transfer<br/>Rate</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--------------------------|-------------------------|--------------------------------|
| 2 Mbps                   | \$ 60.00                | \$205.00                       |
| 5 Mbps                   | \$ 81.14                | \$205.00                       |
| 10 Mbps                  | \$ 152.13               | \$205.00                       |
| 20 Mbps                  | \$ 304.26               | \$205.00                       |
| 50 Mbps                  | \$ 425.97               | \$205.00                       |
| 100 Mbps                 | \$ 679.52               | \$205.00                       |
| 250 Mbps                 | \$1,400.00              | \$205.00                       |
| 500 Mbps                 | \$2,332.71              | \$307.00                       |
| 750 Mbps                 | \$3,100.00              | \$307.00                       |
| 1 Gbps                   | \$4,056.89              | \$307.00                       |

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$1.25           | \$2.50      |

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$0.75           | \$1.50      |

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

## (C) Ethernet Transport Service (Cont'd)

## (4) ETS Extended Ethernet Virtual Connections (E-EVCs)

## (a) Per ETS E-EVC

| <u>Transfer<br/>Rate</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--------------------------|-------------------------|--------------------------------|
| 2 Mbps                   | \$ 40.00                | \$410.00                       |
| 5 Mbps                   | \$ 50.71                | \$410.00                       |
| 10 Mbps                  | \$ 91.28                | \$410.00                       |
| 20 Mbps                  | \$ 182.56               | \$410.00                       |
| 50 Mbps                  | \$ 283.98               | \$410.00                       |
| 100 Mbps                 | \$ 456.40               | \$410.00                       |
| 250 Mbps                 | \$ 950.00               | \$410.00                       |
| 500 Mbps                 | \$1,470.67              | \$615.00                       |
| 750 Mbps                 | \$2,000.00              | \$615.00                       |
| 1 Gbps                   | \$2,535.55              | \$615.00                       |

## (5) ETS Interconnected Ethernet Virtual Connections (I-EVCs)

## (a) Per ETS I-EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|--------------------------------|
| 2 Mbps          | \$ 70.00                | \$410.00                       |
| 5 Mbps          | \$ 90.86                | \$410.00                       |
| 10 Mbps         | \$ 167.38               | \$410.00                       |
| 20 Mbps         | \$ 334.76               | \$410.00                       |
| 50 Mbps         | \$ 526.04               | \$410.00                       |
| 100 Mbps        | \$ 812.98               | \$410.00                       |
| 250 Mbps        | \$1,650.00              | \$410.00                       |
| 500 Mbps        | \$2,534.50              | \$615.00                       |
| 750 Mbps        | \$3,400.00              | \$615.00                       |
| 1 Gbps          | \$4,304.00              | \$615.00                       |

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

## (C) Ethernet Transport Service (Cont'd)

## (6) Optional Features and Functions

## (a) DSL Access Service Connection

## i) Per ETS Basic Port Equipped

| <u>Capacity</u> | <u>Nonrecurring Charge</u> |
|-----------------|----------------------------|
| 2 Mbps          | \$ 150.00                  |
| 5 Mbps          | \$ 150.00                  |
| 10 Mbps         | \$ 150.00                  |
| 20 Mbps         | \$ 150.00                  |
| 50 Mbps         | \$ 150.00                  |
| 100 Mbps        | \$ 150.00                  |
| 250 Mbps        | \$ 225.00                  |
| 500 Mbps        | \$ 225.00                  |
| 750 Mbps        | \$ 225.00                  |
| 1 Gbps          | \$ 225.00                  |

## ii) Per ETS Interconnection Port Equipped

| <u>Capacity</u> | <u>Nonrecurring Charge</u> |
|-----------------|----------------------------|
| 44.736 Mbps     | \$ 150.00                  |
| 155.52 Mbps     | \$ 225.00                  |
| 622.08 Mbps     | \$ 225.00                  |

## iii) Per ETS MM-VCC

| <u>Transfer Rate</u> | <u>Monthly Rate</u> | <u>Nonrecurring Charge</u> |
|----------------------|---------------------|----------------------------|
| 10 Mbps              | \$4.56              | \$7.00                     |

## iv) Per ETS LBR-VCC

| <u>Monthly Rate</u> | <u>Nonrecurring</u> |
|---------------------|---------------------|
| <u>Per 64 Kbps</u>  | <u>Per LBR-VCC</u>  |
| \$0.50              | \$ 7.00             |

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## (C) Ethernet Transport Service (Cont'd)

## (a) DSL Access Service Connection (Cont'd)

## v) Per ETS Design Change (T)

|                        |
|------------------------|
| Nonrecurring<br>Charge |
| <hr/>                  |
| \$6.00                 |

## (7) ETS Term Discount Plan

| <u>Term Commitment</u> | <u>Percentage</u> |
|------------------------|-------------------|
| - 36 Months            | 10%               |
| - 60 Months            | 20%               |

## (8) ETS Volume Discount Plan

| Number of<br>Committed ETS<br>Ports In-Service<br><u>On Bill Date</u> | <u>Percentage</u> |
|---|-------------------|
| 0 to 4  | 0%                |
| 5 and above   | 10%               |

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