

ADVANCED SERVICES TARIFF

SECTION 5 – FRAME RELAY SERVICE (Continued)**Vintage Services – Services Effective Between Sept. 10, 2001 and Dec. 31, 2002**

(N)(X)

5.2 Vintage Service Provisioning (Continued)

(C)(X)

5.2.6 Committed Information Rate (Continued)

| Frame Relay Product Portfolio | | West-CA | West-NV | Central | North | Northeast |
|-------------------------------|-------|---------|---------|---------|-------|-----------|
| Port | Speed | | | | | |
| Fractional DS1 NNI ports: | | | | X | | |
| DS1 NNI ports: | | X | X | X | X* | X |
| DS3 NNI ports: | | X | | X | X* | X |
| FRATM | | X | X | X | X* | X |
| CIR based PVC | | | | | X* | X |
| Multicasting PVC | | X | | | | |

*Hubbed port, including transport from Customer's serving wire center.

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Effective:

By:

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ADVANCED SERVICES TARIFF

SECTION 5 – FRAME RELAY SERVICE (Continued)**Vintage Services – Services Effective Between Sept. 10, 2001 and Dec. 31, 2002**

(N)(X)

5.3 Vintage Rate Elements

(C)(X)

5.3.1 User Network Interface (UNI) Access Link and Port

A nonrecurring charge and a monthly rate apply, based upon the speed of the connections.

5.3.2 User Network Interface (UNI) Port Only

A nonrecurring charge and a monthly rate apply, based upon the speed of the connections.

5.3.3 Network to Network Interface (NNI) Port Only

A nonrecurring charge and a monthly rate apply, based upon the speed of the connections.

5.3.4 PVC

A nonrecurring charge and a monthly rate apply, based upon the speed of the connections.

5.3.5 Frame Relay to ATM Interworking (FRATM)

Frame Relay/ATM Service Interworking (FRATM SI) provides transparent interworking between frame relay and ATM networks and devices. A monthly rate applies for the first FRATM SI, followed by nonrecurring charges for additions or changes.

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SECTION 5 – FRAME RELAY SERVICE (Continued)**Vintage Services – Services Effective Between Sept. 10, 2001 and Dec. 31, 2002**

(N)(X)

5.4 Vintage Rates

(C)(X)

ASI-Central

| Frame Relay UNI | | Month/Month | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|-----------------|------------|-------------|---------|---------|-----|------------|------------|------------|------|------------|------|
| Port | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| Access Link | 56 Kbps | \$ 72.00 | \$ 350 | NA | NA | \$ 72.00 | \$ 350 | \$ 72.00 | \$ 0 | \$ 66.00 | \$ 0 |
| Port | 56 Kbps | \$ 87.00 | \$ 26 | NA | NA | \$ 82.00 | \$ 26 | \$ 63.00 | \$ 0 | \$ 54.00 | \$ 0 |
| Total | 56 Kbps | \$ 159.00 | \$ 376 | NA | NA | \$ 154.00 | \$ 376 | \$ 135.00 | \$ 0 | \$ 120.00 | \$ 0 |
| Access Link | 64 Kbps | \$ 72.00 | \$ 350 | NA | NA | \$ 72.00 | \$ 350 | \$ 72.00 | \$ 0 | \$ 66.00 | \$ 0 |
| Port | 64 Kbps | \$ 87.00 | \$ 26 | NA | NA | \$ 82.00 | \$ 26 | \$ 63.00 | \$ 0 | \$ 54.00 | \$ 0 |
| Total | 64 Kbps | \$ 159.00 | \$ 376 | NA | NA | \$ 154.00 | \$ 376 | \$ 135.00 | \$ 0 | \$ 120.00 | \$ 0 |
| Frame UNI/NNI | | Month/Month | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
| Port | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| Access Link | 128 Kbps | \$ 145.00 | \$ 628 | NA | NA | \$ 145 | \$ 628 | \$ 145.00 | \$ 0 | \$ 137.75 | \$ 0 |
| Port | 128 Kbps | \$ 151.32 | \$ 26 | NA | NA | \$ 142 | \$ 26 | \$ 135.91 | \$ 0 | \$ 133.40 | \$ 0 |
| Total | 128 Kbps | \$ 296.32 | \$ 654 | NA | NA | \$ 287 | \$ 654 | \$ 280.91 | \$ 0 | \$ 271.15 | \$ 0 |
| Access Link | 256 Kbps | \$ 145.00 | \$ 628 | NA | NA | \$ 145 | \$ 628 | \$ 145.00 | \$ 0 | \$ 137.75 | \$ 0 |
| Port | 256 Kbps | \$ 181.72 | \$ 26 | NA | NA | \$ 172 | \$ 26 | \$ 164.46 | \$ 0 | \$ 160.69 | \$ 0 |
| Total | 256 Kbps | \$ 326.72 | \$ 654 | NA | NA | \$ 317 | \$ 654 | \$ 309.46 | \$ 0 | \$ 298.44 | \$ 0 |
| Access Link | 384 Kbps | \$ 165.00 | \$ 628 | NA | NA | \$ 160 | \$ 628 | \$ 150.00 | \$ 0 | \$ 142.50 | \$ 0 |
| Port | 384 Kbps | \$ 191.19 | \$ 26 | NA | NA | \$ 186 | \$ 26 | \$ 173.08 | \$ 0 | \$ 169.05 | \$ 0 |
| Total | 384 Kbps | \$ 356.19 | \$ 654 | NA | NA | \$ 346 | \$ 654 | \$ 323.08 | \$ 0 | \$ 311.55 | \$ 0 |
| Access Link | 512 Kbps | \$ 165.00 | \$ 600 | NA | NA | \$ 160 | \$ 600 | \$ 140.25 | \$ 0 | \$ 132.00 | \$ 0 |
| Port | 512 Kbps | \$ 235.00 | \$ 26 | NA | NA | \$ 228 | \$ 26 | \$ 202.00 | \$ 0 | \$ 192.00 | \$ 0 |
| Total | 512 Kbps | \$ 400.00 | \$ 626 | NA | NA | \$ 388 | \$ 626 | \$ 342.25 | \$ 0 | \$ 324.00 | \$ 0 |
| Access Link | 768 Kbps | \$ 165.00 | \$ 600 | NA | NA | \$ 160 | \$ 600 | \$ 140.25 | \$ 0 | \$ 132.00 | \$ 0 |
| Port | 768 Kbps | \$ 288.00 | \$ 26 | NA | NA | \$ 279 | \$ 26 | \$ 270.00 | \$ 0 | \$ 258.00 | \$ 0 |
| Total | 768 Kbps | \$ 453.00 | \$ 626 | NA | NA | \$ 439 | \$ 626 | \$ 410.25 | \$ 0 | \$ 390.00 | \$ 0 |
| Access Link | 1.536 Mbps | \$ 165.00 | \$ 600 | NA | NA | \$ 160 | \$ 600 | \$ 140.25 | \$ 0 | \$ 132.00 | \$ 0 |
| Port | 1.536 Mbps | \$ 410.00 | \$ 26 | NA | NA | \$ 398 | \$ 26 | \$ 348.00 | \$ 0 | \$ 328.00 | \$ 0 |
| Total | 1.536 Mbps | \$ 575.00 | \$ 626 | NA | NA | \$ 558 | \$ 626 | \$ 488.25 | \$ 0 | \$ 460.00 | \$ 0 |
| DS3 Access Link | 42 Mbps | \$ 2800.00 | \$ 3000 | NA | NA | \$ 2716.00 | \$ 3000.00 | \$ 2300.00 | \$ 0 | \$ 2100.00 | \$ 0 |
| DS3 Port | 42 Mbps | \$ 1635.00 | \$ 30 | NA | NA | \$ 1586.00 | \$ 30.00 | \$ 1340.00 | \$ 0 | \$ 945.00 | \$ 0 |
| Total DS3 | 42 Mbps | \$ 4435.00 | \$ 3030 | NA | NA | \$ 4302.00 | \$ 3030.00 | \$ 3640.00 | \$ 0 | \$ 3045.00 | \$ 0 |

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ADVANCED SERVICES TARIFF

SECTION 5 – FRAME RELAY SERVICE (Continued)**Vintage Services – Services Effective Between Sept. 10, 2001 and Dec. 31, 2002**

(N)(X)

5.4 Vintage Rates (Continued)

(C)(X)

ASI-Central (Continued)

| Logical Link | Month/Month | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|--|-------------|----------|---------|-----|----------|----------|----------|---------|----------|---------|
| | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| 56 Kbps | \$ 8.00 | \$ 25.00 | NA | NA | \$ 7.00 | \$ 25.00 | \$ 6.00 | \$ 0.00 | \$ 4.00 | \$ 0.00 |
| 64 Kbps | \$ 8.00 | \$ 25.00 | NA | NA | \$ 7.00 | \$ 25.00 | \$ 6.00 | \$ 0.00 | \$ 4.00 | \$ 0.00 |
| 128 Kbps | \$ 12.00 | \$ 25.00 | NA | NA | \$ 11.00 | \$ 25.00 | \$ 10.00 | \$ 0.00 | \$ 8.00 | \$ 0.00 |
| 256 Kbps | \$ 15.00 | \$ 25.00 | NA | NA | \$ 14.00 | \$ 25.00 | \$ 13.00 | \$ 0.00 | \$ 11.00 | \$ 0.00 |
| 384 Kbps | \$ 20.00 | \$ 25.00 | NA | NA | \$ 18.00 | \$ 25.00 | \$ 16.00 | \$ 0.00 | \$ 14.00 | \$ 0.00 |
| 512 Kbps | \$ 28.00 | \$ 25.00 | NA | NA | \$ 26.00 | \$ 25.00 | \$ 24.00 | \$ 0.00 | \$ 20.00 | \$ 0.00 |
| 768 Kbps | \$ 40.00 | \$ 25.00 | NA | NA | \$ 36.00 | \$ 25.00 | \$ 32.00 | \$ 0.00 | \$ 28.00 | \$ 0.00 |
| 1.536 Mbps | \$ 50.00 | \$ 25.00 | NA | NA | \$ 49.00 | \$ 25.00 | \$ 48.00 | \$ 0.00 | \$ 46.00 | \$ 0.00 |
| 2 Mbps | \$ 65.00 | \$ 30.00 | NA | NA | \$ 62.50 | \$ 30.00 | \$ 60.00 | \$ 0.00 | \$ 55.00 | \$ 0.00 |
| 3 Mbps | \$ 65.00 | \$ 30.00 | NA | NA | \$ 62.50 | \$ 30.00 | \$ 60.00 | \$ 0.00 | \$ 55.00 | \$ 0.00 |
| 4 Mbps | \$ 65.00 | \$ 30.00 | NA | NA | \$ 62.50 | \$ 30.00 | \$ 60.00 | \$ 0.00 | \$ 55.00 | \$ 0.00 |
| 5 Mbps | \$ 70.00 | \$ 30.00 | NA | NA | \$ 67.50 | \$ 30.00 | \$ 65.00 | \$ 0.00 | \$ 60.00 | \$ 0.00 |
| 6 Mbps | \$ 70.00 | \$ 30.00 | NA | NA | \$ 67.50 | \$ 30.00 | \$ 65.00 | \$ 0.00 | \$ 60.00 | \$ 0.00 |
| 7 Mbps | \$ 70.00 | \$ 30.00 | NA | NA | \$ 67.50 | \$ 30.00 | \$ 65.00 | \$ 0.00 | \$ 60.00 | \$ 0.00 |
| 8 Mbps | \$ 75.00 | \$ 30.00 | NA | NA | \$ 72.50 | \$ 30.00 | \$ 70.00 | \$ 0.00 | \$ 65.00 | \$ 0.00 |
| 9 Mbps | \$ 75.00 | \$ 30.00 | NA | NA | \$ 72.50 | \$ 30.00 | \$ 70.00 | \$ 0.00 | \$ 65.00 | \$ 0.00 |
| 10 Mbps | \$ 80.00 | \$ 30.00 | NA | NA | \$ 77.50 | \$ 30.00 | \$ 75.00 | \$ 0.00 | \$ 70.00 | \$ 0.00 |
| FRATM SI, per LL, per Access Service | \$ 10.00 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| FRATM SI Adds/Changes | | \$ 30.00 | | | | | | | | |
| Logical Link Add/Changes* 56 Kbps - 1.536 Mbps | | \$ 25.00 | | | | | | | | |
| Logical Link Add/Changes* 2 Mbps - 10 Mbps | | \$ 30.00 | | | | | | | | |
| Service Order Charge | | \$ 14.00 | | | | | | | | |

*First Logical Link included with the UNI or NNI Port.

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SECTION 5 – FRAME RELAY SERVICE (Continued)**Vintage Services – Services Effective Between Sept. 10, 2001 and Dec. 31, 2002**

(N)(X)

5.4 Rates (Continued)

(C)(X)

ASI – West/California

| Frame Relay UNI | | Month/Month | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|-----------------|------------|-----------------|---------|---------|---------|---------|---------|---------|------|---------|------|
| Port | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| Access Link | 56 Kbps | \$ 47.07(I)(X) | \$ 597 | \$ 63 | \$ 597 | \$ 61 | \$ 597 | \$ 57 | \$ 0 | \$ 54 | \$ 0 |
| Port | 56 Kbps | \$ 90.93(I)(X) | \$ 355 | \$ 66 | \$ 355 | \$ 64 | \$ 355 | \$ 61 | \$ 0 | \$ 58 | \$ 0 |
| Total | 56 Kbps | \$ 138.00(I)(X) | \$ 952 | \$ 129 | \$ 952 | \$ 125 | \$ 952 | \$ 118 | \$ 0 | \$ 112 | \$ 0 |
| Access Link | 128 Kbps | \$166.53 | \$ 601 | \$ 175 | \$ 601 | \$ 170 | \$ 601 | \$ 165 | \$ 0 | \$ 158 | \$ 0 |
| Port | 128 Kbps | \$161.47 | \$ 355 | \$ 133 | \$ 355 | \$ 129 | \$ 355 | \$ 126 | \$ 0 | \$ 121 | \$ 0 |
| Total | 128 Kbps | \$328.00 | \$ 956 | \$ 308 | \$ 956 | \$ 299 | \$ 956 | \$ 291 | \$ 0 | \$ 279 | \$ 0 |
| Access Link | 384 Kbps | \$ 166 | \$ 601 | \$ 134 | \$ 601 | \$ 130 | \$ 601 | \$ 129 | \$ 0 | \$ 123 | \$ 0 |
| Port | 384 Kbps | \$ 378 | \$ 355 | \$ 306 | \$ 355 | \$ 297 | \$ 355 | \$ 293 | \$ 0 | \$ 282 | \$ 0 |
| Total | 384 Kbps | \$ 544 | \$ 956 | \$ 440 | \$ 956 | \$ 427 | \$ 956 | \$ 422 | \$ 0 | \$ 405 | \$ 0 |
| DS1 Access Link | 1.536 Mbps | \$ 166 | \$ 601 | \$ 157 | \$ 601 | \$ 152 | \$ 601 | \$ 148 | \$ 0 | \$ 142 | \$ 0 |
| Port | 1.536 Mbps | \$ 473 | \$ 355 | \$ 448 | \$ 355 | \$ 435 | \$ 355 | \$ 423 | \$ 0 | \$ 408 | \$ 0 |
| Total | 1.536 Mbps | \$ 639 | \$ 956 | \$ 605 | \$ 956 | \$ 587 | \$ 956 | \$ 571 | \$ 0 | \$ 550 | \$ 0 |
| Access Link* | 37 Mbps | \$ 2086 | \$ 1000 | \$ 1125 | \$ 1000 | \$ 1091 | \$ 1000 | \$ 1495 | \$ 0 | \$ 850 | \$ 0 |
| DS3 Port | 37 Mbps | \$ 4540 | \$ 1420 | \$ 3375 | \$ 1420 | \$ 3274 | \$ 1420 | \$ 2705 | \$ 0 | \$ 2550 | \$ 0 |
| Total DS3* | 37 Mbps | \$ 6626 | \$ 2420 | \$ 4500 | \$ 2420 | \$ 4365 | \$ 2420 | \$ 4200 | \$ 0 | \$ 3400 | \$ 0 |

| NNI Port Only | | Month/Month | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|---------------|------------|-------------|---------|---------|---------|---------|---------|---------|------|---------|------|
| Port | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| DS1 | 1.536 Mbps | \$ 473 | \$ 355 | \$ 448 | \$ 355 | \$ 435 | \$ 355 | \$ 423 | \$ 0 | \$ 408 | \$ 0 |
| DS3 | 37 Mbps | \$ 4540 | \$ 1420 | \$ 3375 | \$ 1420 | \$ 3274 | \$ 1420 | \$ 2705 | \$ 0 | \$ 2550 | \$ 0 |

(D)(X)

(D)(X)

* First PVC included with UNI or NNI Port.

(D)(X)

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SECTION 5 – FRAME RELAY SERVICE (Continued)**Vintage Services – Services Effective Between Sept. 10, 2001 and Dec. 31, 2002**

(N)(X)

5.4 Vintage Rates (Continued)

(C)(X)

ASI – West/California (Continued)

| PVC Logical Link | Month/Month | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|------------------------|-------------|-------|---------|-----|---------|-----|---------|-----|---------|-----|
| | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| 0 - 384 Kbps* | \$ 20 | \$ 50 | NA | NA | NA | NA | NA | NA | NA | NA |
| 385 Kbps – 1.536 Mbps* | \$ 20 | \$ 50 | NA | NA | NA | NA | NA | NA | NA | NA |
| 2 Mbps - 6 Mgps * | \$ 20 | \$ 50 | NA | NA | NA | NA | NA | NA | NA | NA |
| 7 Mbps - 10 Mbps * | \$ 20 | \$ 50 | NA | NA | NA | NA | NA | NA | NA | NA |
| FRATM DS1 | \$ 15 | \$ 50 | NA | NA | NA | NA | NA | NA | NA | NA |
| FRATM DS3 & OC3 | \$ 10 | \$ 50 | NA | NA | NA | NA | NA | NA | NA | NA |
| MULTICAST | \$ 45 | \$ 50 | NA | NA | NA | NA | NA | NA | NA | NA |
| Network Change Charge | N/A | \$ 50 | NA | NA | NA | NA | NA | NA | NA | NA |

* First PVC included with UNI or NNI port.

** Not applicable on new connect.

ASI – West/Nevada

| Frame Relay UNI | | Month/Month | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|-----------------|------------|-------------|-----------|---------|--------|---------|--------|---------|------|---------|------|
| Port | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| Access Link | 56 Kbps | \$ 108.08 | \$ 621.75 | \$ 63 | \$ 597 | \$ 61 | \$ 597 | \$ 57 | \$ 0 | \$ 54 | \$ 0 |
| Port | 56 Kbps | \$ 75.00 | \$ 375.00 | \$ 66 | \$ 355 | \$ 64 | \$ 355 | \$ 61 | \$ 0 | \$ 58 | \$ 0 |
| Total | 56 Kbps | \$ 183.08 | \$ 996.75 | \$ 129 | \$ 952 | \$ 125 | \$ 952 | \$ 118 | \$ 0 | \$ 112 | \$ 0 |
| DS1 Access Link | 1.536 Mbps | \$ 127.94 | \$ 585.66 | \$ 157 | \$ 601 | \$ 152 | \$ 601 | \$ 148 | \$ 0 | \$ 142 | \$ 0 |
| Port | 1.536 Mbps | \$ 500.00 | \$ 375.00 | \$ 448 | \$ 355 | \$ 435 | \$ 355 | \$ 423 | \$ 0 | \$ 408 | \$ 0 |
| Total | 1.536 Mbps | \$ 627.94 | \$ 960.66 | \$ 605 | \$ 956 | \$ 587 | \$ 956 | \$ 571 | \$ 0 | \$ 550 | \$ 0 |

| NNI Port | Month/Month | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|-----------------------------------|-------------|---------|---------|--------|---------|--------|---------|------|---------|------|
| | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| 1.536 Mbps | \$ 500 | \$ 375 | \$ 448 | \$ 355 | \$ 435 | \$ 355 | \$ 423 | \$ 0 | \$ 408 | \$ 0 |
| PVC Logical Link | Month/Month | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
| | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| 0 - 384 Kbps* | \$ 20 | \$ 50 | NA | NA | NA | NA | NA | NA | NA | NA |
| 385 Kbps – 1.536 Mbps* | \$ 20 | \$ 50 | NA | NA | NA | NA | NA | NA | NA | NA |
| Network Change Charge (per order) | NA | \$ 50 | NA | NA | NA | NA | NA | NA | NA | NA |
| FRATM DS1 | \$ 15 | **\$ 50 | NA | NA | NA | NA | NA | NA | NA | NA |
| FRATM DS3 | \$ 10 | **\$ 50 | NA | NA | NA | NA | NA | NA | NA | NA |

*First PVC included with UNI or NNI Port.

**Not applicable on new connect.

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(N)(X)

5.4 Vintage Rates (Continued)

(C)(X)

ASI – North

| UNI and NNI | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|-----------------|------------|------------|---------|------------|---------|------------|------|------------|------|
| Port | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| Port Only | 56 Kbps | \$ 93.60 | \$ 900 | \$ 91.00 | \$ 900 | \$ 84.60 | \$ 0 | \$ 77.60 | \$ 0 |
| Port and Access | 56 Kbps | \$ 160.00 | \$ 700 | \$ 155.00 | \$ 700 | \$ 151.00 | \$ 0 | \$ 144.00 | \$ 0 |
| Port Only | 128 Kbps | \$ 223.75 | \$ 1005 | \$ 217.00 | \$ 1005 | \$ 203.75 | \$ 0 | \$ 190.75 | \$ 0 |
| Port and Access | 128 Kbps | \$ 340.00 | \$ 815 | \$ 330.00 | \$ 815 | \$ 320.00 | \$ 0 | \$ 307.00 | \$ 0 |
| Port Only | 256 Kbps | \$ 283.75 | \$ 1005 | \$ 275.00 | \$ 1005 | \$ 260.75 | \$ 0 | \$ 245.75 | \$ 0 |
| Port and Access | 256 Kbps | \$ 400.00 | \$ 815 | \$ 388.00 | \$ 815 | \$ 377.00 | \$ 0 | \$ 362.00 | \$ 0 |
| Port Only | 384 Kbps | \$ 323.75 | \$ 1005 | \$ 314.00 | \$ 1005 | \$ 305.75 | \$ 0 | \$ 288.75 | \$ 0 |
| Port and Access | 384 Kbps | \$ 440.00 | \$ 815 | \$ 427.00 | \$ 815 | \$ 422.00 | \$ 0 | \$ 405.00 | \$ 0 |
| Port Only | 1.536 Mbps | \$ 488.75 | \$ 1005 | \$ 474.00 | \$ 1005 | \$ 454.75 | \$ 0 | \$ 423.75 | \$ 0 |
| Port and Access | 1.536 Mbps | \$ 605.00 | \$ 815 | \$ 587.00 | \$ 815 | \$ 571.00 | \$ 0 | \$ 540.00 | \$ 0 |
| Port Only | 45 Mbps | \$ 5148.36 | \$ 2675 | \$ 4994.00 | \$ 2675 | \$ 3140.36 | \$ 0 | \$ 2535.36 | \$ 0 |
| Port and Access | 45 Mbps | \$ 7288.00 | \$ 2470 | \$ 7069.00 | \$ 2470 | \$ 5280.00 | \$ 0 | \$ 4675.00 | \$ 0 |

PVC SCHEDULE - CIR

| Speed | Monthly | NRC | Speed | Monthly | NRC | Speed | Monthly | NRC |
|-----------------------------------|-----------|----------|--------|-----------|----------|---------|------------|----------|
| | | | 512K | \$ 170.00 | \$ 24.00 | 1.472M | \$ 318.00 | \$ 24.00 |
| 8K | \$ 10.00 | \$ 24.00 | 576K | \$ 200.00 | \$ 24.00 | 1.536M | \$ 324.00 | \$ 24.00 |
| 9.6K | \$ 11.00 | \$ 24.00 | 640K | \$ 210.00 | \$ 24.00 | 1.544M | \$ 330.00 | \$ 24.00 |
| 16K | \$ 12.00 | \$ 24.00 | 704K | \$ 230.00 | \$ 24.00 | 3.088M | \$ 490.00 | \$ 24.00 |
| 19.2K | \$ 14.00 | \$ 24.00 | 768K | \$ 250.00 | \$ 24.00 | 4.632M | \$ 600.00 | \$ 24.00 |
| 28K | \$ 16.00 | \$ 24.00 | 832K | \$ 256.00 | \$ 24.00 | 6.176M | \$ 760.00 | \$ 24.00 |
| 32K | \$ 18.00 | \$ 24.00 | 896K | \$ 262.00 | \$ 24.00 | 7.72M | \$ 950.00 | \$ 24.00 |
| 56K | \$ 30.00 | \$ 24.00 | 960K | \$ 268.00 | \$ 24.00 | 9.264M | \$ 1050.00 | \$ 24.00 |
| 64K | \$ 30.00 | \$ 24.00 | 1.024M | \$ 274.00 | \$ 24.00 | 10.808M | \$ 1150.00 | \$ 24.00 |
| 128K | \$ 50.00 | \$ 24.00 | 1.088M | \$ 280.00 | \$ 24.00 | 12.35M | \$ 1270.00 | \$ 24.00 |
| 192K | \$ 70.00 | \$ 24.00 | 1.152M | \$ 286.00 | \$ 24.00 | 13.896M | \$ 1330.00 | \$ 24.00 |
| 256K | \$ 90.00 | \$ 24.00 | 1.216M | \$ 294.00 | \$ 24.00 | 15.44M | \$ 1400.00 | \$ 24.00 |
| 320K | \$ 110.00 | \$ 24.00 | 1.280M | \$ 300.00 | \$ 24.00 | 16.984M | \$ 1430.00 | \$ 24.00 |
| 384K | \$ 130.00 | \$ 24.00 | 1.344M | \$ 306.00 | \$ 24.00 | 18.528M | \$ 1470.00 | \$ 24.00 |
| 448K | \$ 150.00 | \$ 24.00 | 1.408M | \$ 312.00 | \$ 24.00 | 20.072M | \$ 1540.00 | \$ 24.00 |
| Network Change Charge (per order) | NA | \$ 24.00 | NA | NA | NA | NA | NA | NA |

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(N)(X)

5.4 Vintage Rates (Continued)

(C)(X)

ASI - North**PVC Schedule – VBR-nrt****Internetworking**

| Speed | Monthly | NRC | Speed | Monthly | NRC |
|--------------|----------------|------------|--------------|----------------|------------|
| 64K | \$2.50 | \$50.00 | 14M | \$175.00 | \$50.00 |
| 128K | \$5.00 | \$50.00 | 15M | \$187.50 | \$50.00 |
| 192K | \$7.50 | \$50.00 | 16M | \$200.00 | \$50.00 |
| 256K | \$10.00 | \$50.00 | 17M | \$212.50 | \$50.00 |
| 320K | \$12.50 | \$50.00 | 18M | \$225.00 | \$50.00 |
| 384K | \$15.00 | \$50.00 | 19M | \$237.50 | \$50.00 |
| 448K | \$17.50 | \$50.00 | 20M | \$250.00 | \$50.00 |
| 512K | \$20.00 | \$50.00 | 21M | \$262.50 | \$50.00 |
| 576K | \$22.50 | \$50.00 | 22M | \$275.00 | \$50.00 |
| 640K | \$25.00 | \$50.00 | 23M | \$287.50 | \$50.00 |
| 704K | \$27.50 | \$50.00 | 24M | \$300.00 | \$50.00 |
| 768K | \$30.00 | \$50.00 | 25M | \$312.50 | \$50.00 |
| 832K | \$32.50 | \$50.00 | 26M | \$325.00 | \$50.00 |
| 896K | \$35.00 | \$50.00 | 27M | \$337.50 | \$50.00 |
| 960K | \$37.50 | \$50.00 | 28M | \$350.00 | \$50.00 |
| 1024K | \$40.00 | \$50.00 | 29M | \$362.50 | \$50.00 |
| 1088K | \$42.50 | \$50.00 | 30M | \$375.00 | \$50.00 |
| 1152K | \$45.00 | \$50.00 | 31M | \$387.50 | \$50.00 |
| 1216K | \$47.50 | \$50.00 | 32M | \$400.00 | \$50.00 |
| 1280K | \$50.00 | \$50.00 | 33M | \$412.50 | \$50.00 |
| 1344K | \$52.50 | \$50.00 | 34M | \$425.00 | \$50.00 |
| 1408K | \$55.00 | \$50.00 | 35M | \$437.50 | \$50.00 |
| 1472K | \$57.50 | \$50.00 | 36M | \$450.00 | \$50.00 |
| 1536K | \$60.00 | \$50.00 | 37M | \$462.50 | \$50.00 |
| 1M | \$12.50 | \$50.00 | 38M | \$475.00 | \$50.00 |
| 2M | \$25.00 | \$50.00 | 39M | \$487.50 | \$50.00 |
| 3M | \$37.50 | \$50.00 | 40M | \$500.00 | \$50.00 |
| 4M | \$50.00 | \$50.00 | 41M | \$512.50 | \$50.00 |
| 5M | \$62.50 | \$50.00 | 42M | \$525.00 | \$50.00 |
| 6M | \$75.00 | \$50.00 | 43M | \$537.50 | \$50.00 |
| 7M | \$87.50 | \$50.00 | 44M | \$550.00 | \$50.00 |
| 8M | \$100.00 | \$50.00 | 45M | \$562.50 | \$50.00 |
| 9M | \$112.50 | \$50.00 | 46M | \$575.00 | \$50.00 |
| 10M | \$125.00 | \$50.00 | 47M | \$587.50 | \$50.00 |
| 11M | \$137.50 | \$50.00 | 48M | \$600.00 | \$50.00 |
| 12M | \$150.00 | \$50.00 | 49M | \$612.50 | \$50.00 |
| 13M | \$162.50 | \$50.00 | 50M | \$625.00 | \$50.00 |

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ADVANCED SERVICES TARIFF

SECTION 5 – FRAME RELAY SERVICE (Continued)**Vintage Services – Services Effective Between Sept. 10, 2001 and Dec. 31, 2002**

(N)(X)

5.4 Vintage Rates (Continued)

(C)(X)

ASI – Northeast

| Frame Relay | | Month / Month | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|-----------------|-------------|---------------|--------|---------|--------|---------|--------|---------|------|---------|------|
| Port | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| Port Only | 56 Kbps | \$ 85 | \$ 0 | \$ 70 | \$ 0 | \$ 68 | \$ 0 | \$ 65 | \$ 0 | \$ 60 | \$ 0 |
| Port and Access | 56 Kbps | \$ 170 | \$ 580 | \$ 150 | \$ 580 | \$ 146 | \$ 580 | \$ 140 | \$ 0 | \$ 130 | \$ 0 |
| Port Only | 64 Kbps | \$ 85 | \$ 0 | \$ 70 | \$ 0 | \$ 68 | \$ 0 | \$ 65 | \$ 0 | \$ 60 | \$ 0 |
| Port and Access | 64 Kbps | \$ 170 | \$ 580 | \$ 150 | \$ 580 | \$ 146 | \$ 580 | \$ 140 | \$ 0 | \$ 130 | \$ 0 |
| Port Only | 128 Kbps | \$ 120 | \$ 0 | \$ 105 | \$ 0 | \$ 102 | \$ 0 | \$ 95 | \$ 0 | \$ 90 | \$ 0 |
| Port and Access | 128 Kbps | \$ 400 | \$ 615 | \$ 350 | \$ 615 | \$ 340 | \$ 615 | \$ 340 | \$ 0 | \$ 335 | \$ 0 |
| Port Only | 256 Kbps | \$ 220 | \$ 0 | \$ 200 | \$ 0 | \$ 194 | \$ 0 | \$ 185 | \$ 0 | \$ 175 | \$ 0 |
| Port and Access | 256 Kbps | \$ 500 | \$ 615 | \$ 450 | \$ 615 | \$ 437 | \$ 615 | \$ 425 | \$ 0 | \$ 400 | \$ 0 |
| Port Only | 384 Kbps | \$ 320 | \$ 0 | \$ 295 | \$ 0 | \$ 286 | \$ 0 | \$ 275 | \$ 0 | \$ 260 | \$ 0 |
| Port and Access | 384 Kbps | \$ 550 | \$ 615 | \$ 500 | \$ 615 | \$ 485 | \$ 615 | \$ 475 | \$ 0 | \$ 450 | \$ 0 |
| Port Only | 1.536 Kbps | \$ 495 | \$ 0 | \$ 445 | \$ 0 | \$ 432 | \$ 0 | \$ 400 | \$ 0 | \$ 355 | \$ 0 |
| Port and Access | 1.536 Kbps | \$ 680 | \$ 615 | \$ 620 | \$ 615 | \$ 601 | \$ 615 | \$ 560 | \$ 0 | \$ 495 | \$ 0 |
| NNI Port Only | 1.536 Kbps | \$ 405 | \$ 0 | \$ 360 | \$ 0 | \$ 349 | \$ 0 | \$ 315 | \$ 0 | \$ 270 | \$ 0 |
| NNI Port Only | 44.736 Mbps | \$ 2300 | \$ 0 | NA | NA | NA | NA | \$ 2200 | \$ 0 | \$ 2100 | \$ 0 |

| | MONTH / MONTH | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|---|---------------|--------|---------|--------|---------|--------|---------|------|---------|------|
| PVC CHARGES | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| PVCs ordered simultaneously with UNI | \$ 10 | \$ 0 | \$ 9 | \$ 0 | \$ 9 | \$ 0 | \$ 8 | \$ 0 | \$ 7 | \$ 0 |
| PVCs ordered subsequent to initial UNI | \$ 10 | \$ 50 | \$ 9 | \$ 50 | \$ 9 | \$ 50 | \$ 8 | \$ 0 | \$ 7 | \$ 0 |
| PVCs ordered simultaneously with Port | \$ 10 | NA | \$ 9 | \$ 0 | \$ 9 | NA | \$ 8 | \$ 0 | \$ 7 | \$ 0 |
| PVCs ordered subsequent to initial Port | \$ 10 | \$ 50 | \$ 9 | \$ 50 | \$ 9 | \$ 50 | \$ 8 | \$ 0 | \$ 7 | \$ 0 |
| PVC Rearrange | NA | \$ 50 | NA | \$ 50 | NA | \$ 50 | NA | \$ 0 | NA | \$ 0 |
| Change between speeds 128, 256, 384 Kbps and 1.544 Mbps | NA | \$ 200 | NA | \$ 200 | NA | \$ 200 | NA | \$ 0 | NA | \$ 0 |

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ADVANCED SERVICES TARIFF

SECTION 5 – FRAME RELAY SERVICE (Continued)

(C)(X)

5.5 Service Description

Frame Relay Service (FRS) is a public, metropolitan wide-area data service that provides high throughput and low delay. It utilizes advanced packet switching technology and highly reliable digital transmission facilities to provide the performance of leased lines and the flexibility and connectivity features of Local Area Networks (LANs) in an efficient, economical data delivery service.

5.6 Service Provisioning

The Service Level Agreements (SLA) for Frame Relay Service can be found in Section 2.21, preceding.

5.7 Service Components

A nonrecurring charge and a monthly rate apply, based upon the speed of the connections and term plan selected.

5.7.1 User Network Interface (UNI) Port and Access

UNI Port and Access connects the Customer to the Company's FRS network, based upon the standards defined UNI signaling protocol. UNI Port and Access is available at various speeds between 56 Kbps and DS3. Each UNI Port and Access will accommodate multiple Permanent Virtual Circuits (PVCs), based upon the speeds selected.

5.7.2 User Network Interface (UNI) Port Only

UNI Port Only provides the Customer a port connection into the Company's FRS network based upon the standards defined UNI signaling protocol. UNI Port Only is available at several speeds between 56 Kbps and DS3. When UNI Port Only is selected, it is the Customer's responsibility to obtain access to Company's FRS network. Each UNI Port Only will accommodate multiple Permanent Virtual Circuits (PVCs), based upon the speeds selected.

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ADVANCED SERVICES TARIFF

SECTION 5 – FRAME RELAY SERVICE (Continued)

(C)(X)

5.7 Service Components (Continued)**5.7.3 Network to Network Interface (NNI) Port and Access**

NNI Port and Access connects the Customer to the Company's FRS network, based upon the standards defined NNI signaling protocol. NNI Port and Access is available at DS1 and DS3 speeds. Each NNI Port and Access will accommodate multiple Permanent Virtual Circuits (PVCs), based upon the speeds selected.

5.7.4 Network to Network Interface (NNI) Port Only

NNI Port Only provides the Customer a port connection into the Company's FRS network based upon the standards defined NNI signaling protocol. NNI Port Only is available at DS1 and DS3 speeds. When NNI Port Only is selected, it is the Customer's responsibility to obtain access to Company's FRS network. Each NNI Port Only will accommodate multiple Permanent Virtual Circuits (PVCs), based upon the speeds selected.

5.7.5 Permanent Virtual Circuits (PVCs)

PVCs are logical connections between two (2) ports that allow data to be sent from one Customer location to another. PVCs do not engage capacity when idle, allowing the available capacity to be allocated to other active PVCs that are in need of additional bandwidth. PVCs are duplex (two-way).

Each PVC type is assigned a Committed Information Rate (CIR). CIR is the rate in Kbps or Mbps at which the Company commits to transfer user data under normal conditions.

A PVC may exceed its assigned CIR when transmitting a large file or volume of information. This condition is known as bursting. Excess capacity must be available on the port connection for bursting to occur. Bursting is only allowed up to the port speed.

When placing an order for Service, Customer must specify the following for each PVC:

- PVC Connection Type;
- PVC Type; and
- Quality of Service.

PVCs purchased from this Section of Frame Relay Service must have at least one associated Port purchased from this Section of the tariff as well.

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ADVANCED SERVICES TARIFF

SECTION 5 – FRAME RELAY SERVICE (Continued)**5.7 Service Components (Continued)****5.7.5 Permanent Virtual Circuits (PVCs) (Continued)****5.7.5.A PVC Connection Types****(1) Frame Relay to Frame Relay**

Frame Relay to Frame Relay connects two Frame Relay Customer locations.

(2) Frame Relay to ATM Service (FRATM)

FRATM connects two Customer locations, one having a Frame Relay port and the other an ATM port, to provide transparent interworking between Frame Relay and ATM networks. (See Section 4.7 - ATM Service)

5.7.5.B PVC Types**(1) Standard PVC**

Standard PVCs are utilized in typical Frame Relay networks to provide logical connections between two ports.

(2) Disaster Recovery PVC

Disaster Recovery PVCs allow for the implementation of logical connections between branch locations and a secondary processor/server center (disaster recovery location) should a non-recoverable disaster occur at the primary host location. The disaster recovery location must also be served by an active, Company provided ATM/Frame Relay Port.

The Disaster Recovery PVC is provisioned based upon an initial order from the Customer and pre-configured in the Frame Relay switch, but set to a disabled mode. Customer must initiate PVC activation with Company and necessary third party vendors.

(C)(X)

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ADVANCED SERVICES TARIFF

SECTION 5 – FRAME RELAY SERVICE (Continued)

(N)(X)

5.7 Service Components (Continued)**5.7.5 Permanent Virtual Circuits (PVCs) (Continued)****5.7.5.B PVC Types (Continued)****(3) Alternate Routing PVCs**

Alternate Routing PVCs provide a logical connection to an alternate host site processor/server in the event of an outage at the primary location. Alternate Routing PVCs are to be utilized in the event of an outage at the primary location only, not day-to-day use.

The Alternate Routing PVC is provisioned based upon an initial order from the Customer and available at all times. The remote Customer location is provisioned with two active PVCs, one end to the primary Customer location and one end to the backup Customer location.

5.7.5.C PVC Quality of Service (QoS)**(1) Standard**

Standard QoS is available for Frame Relay applications that contain bursty traffic.

(2) Priority

Priority QoS offers reduced delay and packet loss between end-points when used with small fixed-length frame traffic. Priority QoS is not available in the ASI-Northeast region.

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ADVANCED SERVICES TARIFF

SECTION 5 – FRAME RELAY SERVICE (Continued)**5.8 Rates**

| UNI Port Only | | Out of Term | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|----------------|---------|-------------|-----|----------------|----------------|------------------|------------------|------------------|--------|------------------|--------|
| Bandwidth | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| DS0 | 56Kbps | \$78(N) | NA | \$68(C)(I)(R) | \$350(C)(I)(R) | \$67(I)(R) | \$350(I)(R) | \$65(I)(R) | \$0 | \$60(I)(R) | \$0 |
| DS0 | 64Kbps | \$78(N) | NA | \$68(C)(R) | \$350(C)(I) | \$67(C)(R) | \$350(C)(I) | \$65(C)(I) | \$0(C) | \$60(C)(I) | \$0(C) |
| Fractional DS1 | 128Kbps | \$168(N) | NA | \$161(C)(I)(R) | \$400(C)(I)(R) | \$155(C)(I)(R) | \$400(C)(I)(R) | \$148(C)(I)(R) | \$0(C) | \$145(C)(I)(R) | \$0(C) |
| Fractional DS1 | 256Kbps | \$224(N) | NA | \$215(C)(I)(R) | \$400(C)(I)(R) | \$206(C)(I)(R) | \$400(C)(I)(R) | \$197(C)(I)(R) | \$0(C) | \$193(C)(I)(R) | \$0(C) |
| Fractional DS1 | 384Kbps | \$244(N) | NA | \$235(C)(R) | \$400(C)(I)(R) | \$224(C)(I)(R) | \$400(C)(I)(R) | \$215(C)(I)(R) | \$0(C) | \$210(C)(I)(R) | \$0(C) |
| Fractional DS1 | 512Kbps | \$261(N) | NA | \$251(N) | \$400(N) | \$240(C)(I) | \$400(C)(I) | \$230(C)(I) | \$0(C) | \$225(C)(I) | \$0(C) |
| Fractional DS1 | 768Kbps | \$284(N) | NA | \$273(N) | \$400(N) | \$261(C)(R) | \$400(C)(I) | \$250(C)(R) | \$0(C) | \$244(C)(R) | \$0(C) |
| DS1 | 1.5Mbps | \$432(N) | N/A | \$415(C)(R) | \$450(C)(I)(R) | \$397(R) | \$450(I)(R) | \$380(I)(R) | \$0(C) | \$371(I)(R) | \$0(C) |
| DS3 | 40Mbps | \$3,171(N) | N/A | \$3,139(C)(R) | \$1,000(C)(R) | \$2,790(C)(I)(R) | \$1,000(C)(I)(R) | \$2,410(C)(I)(R) | \$0(C) | \$2,029(C)(I)(R) | \$0(C) |

| NNI Port Only | | Out of Term | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|---------------|---------|-------------|-----|----------------|----------------|------------------|------------------|------------------|--------|------------------|--------|
| Bandwidth | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| DS1 | 1.5Mbps | \$432(N) | NA | \$415(C)(I)(R) | \$450(C)(I)(R) | \$397(I)(R) | \$450(I)(R) | \$380(I)(R) | \$0 | \$371(I)(R) | \$0 |
| DS3 | 40Mbps | \$3,171(N) | NA | \$3,139(C)(R) | \$1,000(C)(R) | \$2,790(C)(I)(R) | \$1,000(C)(I)(R) | \$2,410(C)(I)(R) | \$0(C) | \$2,029(C)(I)(R) | \$0(C) |

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ADVANCED SERVICES TARIFF

SECTION 5 – FRAME RELAY SERVICE (Continued)**5.8 Rates (Continued)**

| UNI Port and Access | | Out of Term | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|--------------------------------------|---------|-------------|-----|----------------|----------------|----------------|----------------|----------------|--------|----------------|--------|
| Bandwidth | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| DS0 Port | 56Kbps | \$78(N) | NA | \$68(C)(I)(R) | \$350(C)(I)(R) | \$67(I)(R) | \$350(I)(R) | \$65(I)(R) | \$0 | \$60(I)(R) | \$0 |
| Access | 56Kbps | \$84(N) | NA | \$73(C)(I) | \$350(C)(R) | \$72(I)(R) | \$350(I)(R) | \$70(I)(R) | \$0 | \$64(I)(R) | \$0 |
| Total DS0 Port and Access | 56Kbps | \$162(N) | NA | \$141(C)(I)(R) | \$700(C)(R) | \$139(I)(R) | \$700(I)(R) | \$135(I)(R) | \$0 | \$124(I)(R) | \$0 |
| DS0 Port | 64Kbps | \$78(N) | NA | \$68(C)(R) | \$350(C)(I) | \$67(C)(R) | \$350(C)(I) | \$65(C)(I) | \$0(C) | \$60(C)(I) | \$0(C) |
| Access | 64Kbps | \$84(N) | NA | \$73(C) | \$350(C) | \$72(C) | \$350(C) | \$70(C)(R) | \$0(C) | \$64(C)(R) | \$0(C) |
| Total DS0 Port and Access | 64Kbps | \$162(N) | NA | \$141(C)(R) | \$700(C)(I) | \$139(C)(R) | \$700(C)(I) | \$135(C)(R) | \$0(C) | \$124(C)(I)(R) | \$0(C) |
| Fractional DS1 Port | 128Kbps | \$168(N) | NA | \$161(C)(I)(R) | \$400(C)(I)(R) | \$155(C)(I)(R) | \$400(C)(I)(R) | \$148(C)(I)(R) | \$0(C) | \$145(C)(I)(R) | \$0(C) |
| Access | 128Kbps | \$182(N) | NA | \$175(C) | \$400(C)(R) | \$167(C)(I)(R) | \$400(C)(R) | \$160(C)(I)(R) | \$0(C) | \$156(C)(I)(R) | \$0(C) |
| Total Fractional DS1 Port and Access | 128Kbps | \$350(N) | NA | \$336(C)(I)(R) | \$800(C)(I)(R) | \$322(C)(I)(R) | \$800(C)(I)(R) | \$308(C)(I)(R) | \$0(C) | \$301(C)(I)(R) | \$0(C) |
| Fractional DS1 Port | 256Kbps | \$224(N) | NA | \$215(C)(I)(R) | \$400(C)(I)(R) | \$206(C)(I)(R) | \$400(C)(I)(R) | \$197(C)(I)(R) | \$0(C) | \$193(C)(I)(R) | \$0(C) |
| Access | 256Kbps | \$182(N) | NA | \$175(C)(I)(R) | \$400(C)(R) | \$167(C)(I) | \$400(R) | \$160(C)(I) | \$0(C) | \$156(C)(I) | \$0(C) |
| Total Fractional DS1 Port and Access | 256Kbps | \$406(N) | NA | \$390(C)(I)(R) | \$800(C)(I)(R) | \$373(C)(I)(R) | \$800(C)(I)(R) | \$357(C)(I)(R) | \$0(C) | \$349(C)(I)(R) | \$0(C) |
| Fractional DS1 Port | 384Kbps | \$244(N) | NA | \$235 (C)(R) | \$400(C)(I)(R) | \$224(C)(I)(R) | \$400(C)(I)(R) | \$215(C)(I)(R) | \$0(C) | \$210(C)(I)(R) | \$0(C) |
| Access | 384Kbps | \$182(N) | NA | \$175(C)(I) | \$400(C)(R) | \$167(C)(I) | \$400(C)(I)(R) | \$160(C)(I) | \$0(C) | \$156(C)(I) | \$0(C) |
| Total Fractional DS1 Port and Access | 384Kbps | \$426(N) | NA | \$410(C)(R) | \$800(C)(R) | \$391(C)(I)(R) | \$800(C)(I)(R) | \$375(C)(I)(R) | \$0(C) | \$366(C)(I)(R) | \$0(C) |

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ADVANCED SERVICES TARIFF

SECTION 5 – FRAME RELAY SERVICE (Continued)

(X)

5.8 Rates (Continued)

| UNI Port and Access | | Out of Term | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|--------------------------------------|---------|-------------|-----|------------------|------------------|------------------|------------------|------------------|--------|------------------|--------|
| Bandwidth | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| Fractional DS1 Port | 512Kbps | \$261(N) | NA | \$251(N) | \$400(N) | \$240(C)(I) | \$400(C)(I) | \$230(C)(I) | \$0(C) | \$225(C)(I) | \$0(C) |
| Access | 512Kbps | \$182(N) | NA | \$175(N) | \$400(N) | \$167(C)(I) | \$400(C)(R) | \$160(C)(I) | \$0(C) | \$156(C)(I) | \$0(C) |
| Total Fractional DS1 Port and Access | 512Kbps | \$443(N) | NA | \$426(N) | \$800(N) | \$407(C)(I) | \$800(C)(I) | \$390(C)(I) | \$0(C) | \$381(C)(I) | \$0(C) |
| Fractional DS1 Port | 768Kbps | \$284(N) | NA | \$273(N) | \$400(N) | \$261(C)(R) | \$400(C)(I) | \$250(C)(R) | \$0(C) | \$244(C)(R) | \$0(C) |
| Access | 768Kbps | \$182(N) | NA | \$175(N) | \$400(N) | \$167(C)(I) | \$400(C)(R) | \$160(C)(I) | \$0(C) | \$156(C)(I) | \$0(C) |
| Total Fractional DS1 Port and Access | 768Kbps | \$466(N) | NA | \$448(N) | \$800(N) | \$428(C)(R) | \$800(C)(I) | \$410(C)(R) | \$0(C) | \$400(C)(I) | \$0(C) |
| DS1 Port | 1.5Mbps | \$432(N) | N/A | \$415(C)(R) | \$450(C)(I)(R) | \$397(R) | \$450(I)(R) | \$380(I)(R) | \$0(C) | \$371(I)(R) | \$0(C) |
| Access | 1.5Mbps | \$182(N) | NA | \$175(C)(I) | \$400(C)(R) | \$167(I) | \$400(R) | \$160(I) | \$0 | \$156(I) | \$0 |
| Total DS1 Port and Access | 1.5Mbps | \$614(N) | NA | \$590(C)(R) | \$850(C)(I)(R) | \$565(I)(R) | \$850(I)(R) | \$540(I)(R) | \$0 | \$527(I)(R) | \$0 |
| DS3 Port | 40Mbps | \$3,171(N) | N/A | \$3,139(C)(R) | \$1,000(C)(R) | \$2,790(C)(I)(R) | \$1,000(C)(I)(R) | \$2,410(C)(I)(R) | \$0(C) | \$2,029(C)(I)(R) | \$0(C) |
| Access | 40Mbps | \$2,368(N) | NA | \$2,345(C)(I) | \$1,250(C)(I)(R) | \$2,321(C)(I)(R) | \$1,250(C)(I)(R) | \$1,800(C)(I)(R) | \$0(C) | \$1,516(C)(I)(R) | \$0(C) |
| Total DS3 Port and Access | 40Mbps | \$5,539(N) | NA | \$5,484(C)(I)(R) | \$2,250(C)(R) | \$5,111(C)(I)(R) | \$2,250(C)(R) | \$4,210(C)(I)(R) | \$0(C) | \$3,545(C)(I)(R) | \$0(C) |

| NNI Port and Access | | Out of Term | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|---------------------------|---------|-------------|-----|---------------|----------------|------------------|------------------|------------------|--------|------------------|-----------|
| Bandwidth | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| DS1 Port | 1.5Mbps | \$432(N) | N/A | \$415(C)(R) | \$450(C)(I)(R) | \$397(R) | \$450(I)(R) | \$380(I)(R) | \$0(C) | \$371(I)(R) | \$0(C) |
| Access | 1.5Mbps | \$182(N) | NA | \$175(C) | \$400(C) | \$167(C)(I) | \$400(C)(R) | \$160(C)(I) | \$0(C) | \$156(C)(I) | \$0(C) |
| Total DS1 Port and Access | 1.5Mbps | \$614(N) | NA | \$590(C)(R) | \$850(C)(I) | \$565(C)(I)(R) | \$850(C)(I) | \$540(C)(I)(R) | \$0(C) | \$527(C)(I)(R) | \$0(C) |
| DS3 Port | 40Mbps | \$3,171(N) | N/A | \$3,139(C)(R) | \$1,000(C)(R) | \$2,790(C)(I)(R) | \$1,000(C)(I)(R) | \$2,410(C)(I)(R) | \$0(C) | \$2,029(C)(I)(R) | \$0(C) |
| Access | 40Mbps | \$2,368(N) | NA | \$2,345(C) | \$1,250(C) | \$2,321(C)(R) | \$1,250(C)(R) | \$1,800(C)(R) | \$0(C) | \$1,516(C)(R) | \$0(C) |
| Total DS3 Port and Access | 40Mbps | \$5,539(N) | NA | \$5,484(C)(R) | \$2,250(C)(R) | \$5,111(C)(I)(R) | \$2,250(C)(R) | \$4,210(C)(I)(R) | \$0(C) | \$3,545(C)(I)(R) | \$0(C)(I) |

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ADVANCED SERVICES TARIFF

SECTION 5 – FRAME RELAY SERVICE (Continued)

(X)

5.8 Rates (Continued)

| CIR Speed | Monthly | | | | | | NRC* |
|-----------|--------------------------|----------|-----------------------|----------|-----------------------|----------|------------|
| | Standard PVC | | Alternate Routing PVC | | Disaster Recovery PVC | | |
| | Quality of Service (QoS) | | | | | | |
| | Standard | Priority | Standard | Priority | Standard | Priority | |
| 8Kbps | \$3(C)(R) | \$5(N) | \$2(N) | \$4(N) | \$1(N) | \$3(N) | \$30(C)(I) |
| 16Kbps | \$4(C)(R) | \$6(N) | \$3(N) | \$5(N) | \$2(N) | \$4(N) | \$30(C)(I) |
| 32Kbps | \$5(C)(R) | \$7(N) | \$4(N) | \$6(N) | \$3(N) | \$4(N) | \$30(C)(I) |
| 48Kbps | \$6(N) | \$8(N) | \$5(N) | \$7(N) | \$3(N) | \$4(N) | \$30(N) |
| 56Kbps | \$7(C)(R) | \$9(N) | \$6(N) | \$9(N) | \$4(N) | \$5(N) | \$30(C)(I) |
| 64Kbps | \$8(C)(R) | \$10(N) | \$7(N) | \$10(N) | \$4(N) | \$6(N) | \$30(C)(I) |
| 128Kbps | \$9(C)(R) | \$14(N) | \$8(N) | \$11(N) | \$5(N) | \$7(N) | \$30(C)(I) |
| 192Kbps | \$10(C)(R) | \$15(N) | \$9(N) | \$13(N) | \$5(N) | \$8(N) | \$30(C)(I) |
| 256Kbps | \$11(C)(R) | \$17(N) | \$9(N) | \$14(N) | \$6(N) | \$8(N) | \$30(C)(I) |
| 320Kbps | \$12(C)(R) | \$18(N) | \$10(N) | \$15(N) | \$6(N) | \$9(N) | \$30(C)(I) |
| 384Kbps | \$14(C)(R) | \$21(N) | \$12(N) | \$18(N) | \$7(N) | \$11(N) | \$30(C)(I) |
| 448Kbps | \$16(C)(R) | \$24(N) | \$14(N) | \$20(N) | \$8(N) | \$12(N) | \$30(C)(I) |
| 512Kbps | \$18(C)(R) | \$27(N) | \$15(N) | \$23(N) | \$9(N) | \$14(N) | \$30(C)(I) |
| 576Kbps | \$22(C)(R) | \$33(N) | \$19(N) | \$28(N) | \$11(N) | \$17(N) | \$30(C)(I) |
| 640Kbps | \$24(C)(R) | \$36(N) | \$20(N) | \$31(N) | \$12(N) | \$18(N) | \$30(C)(I) |
| 704Kbps | \$27(C)(R) | \$40(N) | \$23(N) | \$34(N) | \$13(N) | \$20(N) | \$30(C)(I) |
| 768Kbps | \$28(C)(R) | \$42(N) | \$24(N) | \$36(N) | \$14(N) | \$21(N) | \$30(C)(I) |
| 832Kbps | \$29(C)(R) | \$44(N) | \$25(N) | \$37(N) | \$15(N) | \$22(N) | \$30(C)(I) |
| 896Kbps | \$31(C)(R) | \$46(N) | \$26(N) | \$39(N) | \$15(N) | \$23(N) | \$30(C)(I) |
| 960Kbps | \$32(C)(R) | \$48(N) | \$27(N) | \$40(N) | \$16(N) | \$24(N) | \$30(C)(I) |
| 1000Kbps | \$32(N) | \$49(N) | \$28(N) | \$41(N) | \$16(N) | \$24(N) | \$30(N) |
| 1024Kbps | \$33(C)(R) | \$49(N) | \$28(N) | \$42(N) | \$16(N) | \$25(N) | \$30(C)(I) |
| 1536Kbps | \$42(C)(R) | \$62(N) | \$35(N) | \$53(N) | \$21(N) | \$31(N) | \$30(C)(I) |

* Nonrecurring charges are waived for PVCs purchased with Customer's initial order for installation of Service, and only if Customer's associated Port or Port and Access is provided under a three (3) or five (5) year TPP.

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ADVANCED SERVICES TARIFF

SECTION 5 – FRAME RELAY SERVICE (Continued)

(X)

5.8 Rates (Continued)

| CIR Speed | Monthly | | | | | | NRC |
|-----------|--------------------------|----------|-----------------------|----------|-----------------------|----------|---------|
| | Standard PVC | | Alternate Routing PVC | | Disaster Recovery PVC | | |
| | Quality of Service (QoS) | | | | | | |
| | Standard | Priority | Standard | Priority | Standard | Priority | |
| 2Mbps | \$48(C)(R) | \$73(N) | \$41(N) | \$62(N) | \$24(N) | \$36(N) | \$30(C) |
| 3Mbps | \$61(C)(R) | \$92(N) | \$52(N) | \$78(N) | \$31(N) | \$46(N) | \$30(C) |
| 4Mbps | \$72(C)(I) | \$108(N) | \$61(N) | \$92(N) | \$36(N) | \$54(N) | \$30(C) |
| 5Mbps | \$82(C)(I) | \$123(N) | \$70(N) | \$105(N) | \$41(N) | \$62(N) | \$30(C) |
| 6Mbps | \$91(C)(I) | \$137(N) | \$77(N) | \$116(N) | \$46(N) | \$68(N) | \$30(C) |
| 7Mbps | \$100(C)(I) | \$149(N) | \$85(N) | \$127(N) | \$50(N) | \$75(N) | \$30(C) |
| 8Mbps | \$107(C)(I) | \$161(N) | \$91(N) | \$137(N) | \$54(N) | \$81(N) | \$30(C) |
| 9Mbps | \$115(C)(I) | \$173(N) | \$98(N) | \$147(N) | \$58(N) | \$86(N) | \$30(C) |
| 10Mbps | \$122(C)(I) | \$183(N) | \$104(N) | \$156(N) | \$61(N) | \$92(N) | \$30(C) |
| 11Mbps | \$129(C)(R) | \$194(N) | \$110(N) | \$165(N) | \$65(N) | \$97(N) | \$30(N) |
| 12Mbps | \$136(C)(R) | \$204(N) | \$115(N) | \$173(N) | \$68(N) | \$102(N) | \$30(N) |
| 13Mbps | \$142(C)(R) | \$213(N) | \$121(N) | \$181(N) | \$71(N) | \$107(N) | \$30(N) |
| 14Mbps | \$148(N) | \$222(N) | \$126(N) | \$189(N) | \$74(N) | \$111(N) | \$30(N) |
| 15Mbps | \$154(N) | \$231(N) | \$131(N) | \$197(N) | \$77(N) | \$116(N) | \$30(N) |
| 16Mbps | \$160(N) | \$240(N) | \$136(N) | \$204(N) | \$80(N) | \$120(N) | \$30(N) |
| 17Mbps | \$166(N) | \$249(N) | \$141(N) | \$211(N) | \$83(N) | \$124(N) | \$30(N) |
| 18Mbps | \$171(N) | \$257(N) | \$146(N) | \$218(N) | \$86(N) | \$129(N) | \$30(N) |
| 19Mbps | \$177(N) | \$265(N) | \$150(N) | \$225(N) | \$88(N) | \$133(N) | \$30(N) |
| 20Mbps | \$182(N) | \$273(N) | \$155(N) | \$232(N) | \$91(N) | \$137(N) | \$30(N) |
| 25Mbps | \$207(N) | \$310(N) | \$176(N) | \$264(N) | \$103(N) | \$155(N) | \$30(N) |
| 30Mbps | \$230(N) | \$345(N) | \$207(N) | \$310(N) | \$115(N) | \$172(N) | \$30(N) |
| 35Mbps | \$251(N) | \$377(N) | \$226(N) | \$339(N) | \$126(N) | \$188(N) | \$30(N) |
| 40Mbps | \$271(N) | \$407(N) | \$258(N) | \$387(N) | \$136(N) | \$203(N) | \$30(N) |

* Nonrecurring charges are waived for PVCs purchased with Customer's initial order for installation of Service, and only if Customer's associated Port or Port and Access is provided under a three (3) or five (5) year TPP.

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ADVANCED SERVICES TARIFF

SECTION 6 – WHOLESALE DIGITAL SUBSCRIBER LINE (DSL) TRANSPORT

(Continued)

6.2 Service Provisioning

6.2.1 Minimum connection speed or "sync-rate" is between the NID at the End User's premises and the DSLAM (or the remote terminal where a remote terminal has been installed). Actual data transfer or throughput may be lower than sync-rate due to Internet congestion, server or router speeds, protocol overheads and factors that may not be in Company's control. If Company is unable to provide the minimum sync rate, then Service will not be provided and Customer will not be subject to termination liability or cancellation charges.

6.2.2 Company's DSL Transport Service is offered via a line sharing arrangement (High Frequency Portion of the Line – HFPL) over an SBC ILEC-provided (non-resold, non-UNE-Platform) retail POTS line.

6.2.3 Company will offer DSL Transport Service only within a limited area surrounding the ILEC central offices. This area will be defined by Company and Company retains the discretion to change this area from time to time for new DSL Transport Service.

6.2.4 Company only supports one PVC or virtual session over a single DSL Line.

6.2.5 Company only provides UBR Service.

6.2.6 Traffic Discard Priority does not apply.

6.2.7 Customer must have connectivity to Company's ATM network within the LATA where Customer chooses to purchase DSL Transport, with the logical ATM inventory included in Company's database. Customer shall provide Company, in advance, virtual path ("VP")/virtual circuit ("VC") information. Company will not provision DSL Transport Service without VP/VC information.

(T)(X)

6.2.8 ASI-West utilizes VP provisioning to each Company DSLAM in each central office for Wholesale DSL Transport logical connectivity. The VPC provisioned to the Company's DSLAM in each central office will be billed at standard ATM VPC tariff rates found in Section 4.4 or Standard ATM UBR VPC tariff rates found in Section 4.8, respectively.

(T)(X)

(T)(X)

(N)(X)

(N)(X)

(D)(X)

(T)(X)

In Company DSLAMS that have become exhausted (no ports available), a VPC to an alternate Company DSLAM in the same central office will be provided at no additional charge, given Customer has capacity in existing VPC.

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ADVANCED SERVICES TARIFF

SECTION 6 – WHOLESALE DIGITAL SUBSCRIBER LINE (DSL) TRANSPORT
(Continued)**6.2 Service Provisioning (Continued)**

- 6.2.9** ASI-Central and ASI-Northeast utilize VC provisioning to Company's ATM network for Wholesale DSL Transport logical connectivity.

(D)(X)
(D)(X)
(D)(X)
(N)(X)
(N)(X)

VC provisioning gives Customer access to all central office based DSLAMs in the LATA in which Customer requests Service.

- 6.2.10** ASI-North utilizes Layer Two Tunneling Protocol (L2TP) provisioning for Wholesale DSL Transport logical connectivity to each L2TP Access Concentrator in each LATA. Customer is billed at standard ATM UBR PVC tariff rates found in Section 4.4 or Standard ATM UBR VPC tariff rates found in Section 4.8, respectively. A single UBR charge applies on each ATM Access or Access Link in each LATA.

(T)(X)
(N)(X)
(C)(X)

- 6.2.11** For ASI-Central, ASI-West and ASI-Northeast, in cases where Company utilizes Optical Concentration Devices (OCDs) installed by Company's vendors or affiliates to provide DSL Transport, a VPC to each selected central office with an OCD is required. The first VPC to each selected central office with an OCD will be provided at no charge. Additional VPCs will be billed at standard ATM VPC tariff rates found in Section 4.4, or Standard ATM UBR VPC tariff rates found in section 4.8, respectively.

(T)(X)
(T)(X)
(T)(X)
(N)(X)
(N)(X)

In Company OCDs that have become exhausted (no ports available), a VPC to an alternate Company OCD in the same central office will be provided at no additional charge, given Customer has capacity in existing VPC.

(N)(X)
(N)(X)
(N)(X)

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ADVANCED SERVICES TARIFF

SECTION 7 – REMOTE LAN DIGITAL SUBSCRIBER LINE (DSL) TRANSPORT
(Continued)**7.2 Service Provisioning**

7.2.1 Minimum connection speed or "sync-rate" is between the NID at the Authorized R-LAN End User's premises and the DSLAM (or the remote terminal where a remote terminal has been installed). Connection speeds may be higher under optimal conditions. Actual data transfer or throughput may be lower than sync-rate due to Internet congestion, server or router speeds, protocol overheads, and other factors that may not be in Company's control. If Company is unable to provide the minimum sync rate, then Service will not be provided and Customer will not be subject to termination liability or cancellation charges.

7.2.2 Company's R-LAN DSL Transport Service is offered via a line sharing arrangement (High Frequency Portion of the Line – HFPL) over an SBC ILEC-provided (non-resold, non-UNE-Platform) retail POTS line.

7.2.3 Company will offer R-LAN DSL Transport Service only within a limited area surrounding the ILEC central offices. This area will be defined by Company and Company retains the discretion to change this area from time to time for new DSL Transport Service.

7.2.4 Company only supports one PVC or virtual session over a single DSL Line.

7.2.5 Company only provides UBR Service.

7.2.6 Traffic Discard Priority does not apply.

7.2.7 Customer must have connectivity to Company's ATM network within the LATA Customer chooses to purchase R-LAN DSL Transport, with the logical ATM inventory included in Company's database. Customer shall provide Company, in advance, virtual path ("VP")/virtual circuit ("VC") information. Company will not provision R-LAN DSL Transport Service without VP/VC information.

(T)(X)

7.2.8 ASI-West utilizes VP provisioning to each Company DSLAM in each central office for R-LAN DSL Transport logical connectivity. The VPC provisioned to the Company's DSLAM in each central office will be billed at standard ATM VPC tariff rates found in Section 4.4 or Standard ATM UBR VPC tariff rates found in Section 4.8, respectively.

(T)(X)

(T)(X)

(N)(X)

(N)(X)

(D)(X)

In Company DSLAMS that have become exhausted (no ports available), a VPC to an alternate Company DSLAM in the same central office will be provided at no additional charge, given Customer has capacity in existing VPC.

(C)(X)

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ADVANCED SERVICES TARIFF

SECTION 7 – REMOTE LAN DIGITAL SUBSCRIBER LINE (DSL) TRANSPORT
(Continued)**7.2 Service Provisioning (Continued)**

- 7.2.9** ASI-Central and ASI-Northeast utilize VC provisioning to Company's ATM network for R-LAN DSL Transport logical connectivity. (D)(X)
(D)(X)
(D)(X)
VC provisioning gives Customer access to all central office based DSLAMs in the LATA in which Customer requests Service. (N)(X)
(N)(X)
- 7.2.10** ASI-North utilizes Layer Two Tunneling Protocol (L2TP) provisioning for R-LAN DSL Transport logical connectivity to each L2TP Access Concentrator in each LATA. Customer is billed at standard ATM UBR PVC tariff rates found in Section 4.4 or Standard ATM UBR VPC tariff rates found in Section 4.8, respectively. A single UBR charge applies on each ATM Access or Access Link in each LATA. (T)(X)
(N)(X)
(N)(X)
- 7.2.11** For ASI-Central, ASI-West and ASI-Northeast, in cases where Company utilizes Optical Concentration Devices (OCDs) installed by Company's vendors or affiliates to provide DSL Transport, a VPC to each selected central office with an OCD is required. The first VPC to each selected central office with an OCD will be provided at no charge. Additional VPCs will be billed at standard ATM VPC tariff rates found in Section 4.4, or Standard ATM UBR VPC tariff rates found in section 4.8, respectively. (T)(X)
(T)(X)
(T)(X)
(N)(X)
(N)(X)
- In Company OCDs that have become exhausted (no ports available), a VPC to an alternate Company OCD in the same central office will be provided at no additional charge, given Customer has capacity in existing VPC. (N)(X)
(N)(X)
(N)(X)

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ADVANCED SERVICES TARIFF

SECTION 8 – NETWORK ACCESS POINT (NAP)

8.1 Service Description

- 8.1.1** The Network Access Point (NAP) utilizes ATM technology to allow Internet Service Providers (ISPs), government, research, and educational organizations to interconnect and exchange information. This exchange of Internet traffic is generally referred to as "peering". (T)(X)
- 8.1.2** The ASI-North NAP and the ASI-West NAP are two of the four original National Science Foundation sponsored Network Access Points for Internet infrastructure.
- 8.1.3** Currently the NAP supports ATM connectivity at full bandwidth rates of DS-3 (45 Mbps), OC-3c (155 Mbps), or OC-12c (622 Mbps).

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ADVANCED SERVICES TARIFF

SECTION 8 – NETWORK ACCESS POINT (NAP) (Continued)**8.2 Service Provisioning**

- 8.2.1** An ATM Permanent Virtual Circuit (PVC) connection is routed as a single entity across the NAP, using a single Virtual Path Identifier (VPI) and Virtual Circuit Identifier (VCI) address combination. (T)(X)
(T)(X)
(T)(X)
- 8.2.2 IP Address and VPI/VCI Assignment**
Customers of the NAP use PVCs to exchange traffic between different ISPs' routers. Customers are assigned one VPI/VCI pair unique to its ATM port. When PVCs interconnect two Customers, the VPI/VCI used at each endpoint is associated with the Customer on the opposite end of the PVC. (T)(X)
(N)(X)
(N)(X)
(N)(X)
- 8.2.3 Peering: Bilateral Agreements vary by region.** (D)(X)
NAP attaching Customers should intend to form bilateral agreements with other NAP-attached Customers. A physical connection to the NAP should not be considered as a commodity Internet connection. (D)(X)
(D)(X)
(D)(X)
(D)(X)
(D)(X)
- 8.2.4 Unspecified Bit Rate (UBR)** (T)(X)
UBR is the only Service category that will be supported with the NAP. The tolerance of UBR for bursty traffic enables the NAP to handle traffic fluctuations characteristic of Internet peering partnerships. (T)(X)
(T)(X)
- 8.2.5** With UBR, the application is assumed to be tolerant of network delays and not to require a timing relationship on each end of the connection. In addition, data applications requiring very high performance (that is, low cell loss) but not needing a timing relationship on each end and can feasibly use a UBR connection. (T)(X)
(T)(X)

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ADVANCED SERVICES TARIFF

SECTION 8 – NETWORK ACCESS POINT (NAP) (Continued)**8.3 Rate Elements**

There are monthly recurring charges and nonrecurring charges that apply to the NAP Service. (T)(X)

The following describes the service components of NAP. There is one rate element that combines the Port, PVC and Access. (T)(X)
(T)(X)

Monthly recurring charges apply each month or fraction thereof, based upon the Port speed and TPP selected. (T)(X)
(D)(X)
(D)(X)

8.3.1 NAP Port

The NAP Port is a network interface that offers customers access to the NAP network. The NAP Port is offered at DS3, OC-3c, and OC-12c speeds. (T)(X)

8.3.2 NAP Access (T)(X)

NAP Access is the DS3, OC-3c, or OC-12c circuit between the NAP and the customer's meetpoint. (T)(X)

8.3.3 NAP PVC (N)(X)

A NAP PVC is a logical connection between ports that allows origination and termination of Customer ISP traffic. (N)(X)

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ADVANCED SERVICES TARIFF

SECTION 8 – NETWORK ACCESS POINT (NAP) (Continued)**8.4 Rates****ASI-West**

| Colocation / No Mileage | | 1 Year | | 3 Year | | 5 Year | |
|-------------------------|----------|-----------|----------|-----------|----------|----------------|------|
| Port | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| DS3 | 40 Mbps | \$ 5,000 | \$ 6,000 | \$ 4,500 | \$ 3,000 | \$ 3,800 | \$ 0 |
| OC-3c(T)(X) | 148 Mbps | \$ 8,500 | \$ 7,000 | \$ 7,600 | \$ 3,500 | \$ 6,500(R)(X) | \$ 0 |
| OC-12c(T)(X) | 622 Mbps | \$ 24,100 | \$ 9,000 | \$ 21,900 | \$ 4,500 | \$18,000(R)(X) | \$ 0 |

| Colocation Up To Five (5) Miles | | 1 Year | | 3 Year | | 5 Year | |
|---------------------------------|----------|-----------|----------|-----------|----------|-----------|------|
| Port | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| DS3 | 40 Mbps | \$ 5,200 | \$ 6,000 | \$ 4,700 | \$ 3,000 | \$ 4,000 | \$ 0 |
| OC-3c(T)(X) | 148 Mbps | \$ 9,400 | \$ 7,000 | \$ 8,400 | \$ 3,500 | \$ 7,500 | \$ 0 |
| OC-12c(T)(X) | 622 Mbps | \$ 25,800 | \$ 9,000 | \$ 23,300 | \$ 4,500 | \$ 20,750 | \$ 0 |

| Non-Colocation / No Mileage | | 1 Year | | 3 Year | | 5 Year | |
|-----------------------------|----------|-----------|----------|-----------|----------|-----------|------|
| Port | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| DS3 | 40 Mbps | \$ 6,400 | \$ 6,000 | \$ 5,000 | \$ 3,000 | \$ 4,100 | \$ 0 |
| OC-3c(T)(X) | 148 Mbps | \$ 10,100 | \$ 7,000 | \$ 8,300 | \$ 3,500 | \$ 6,700 | \$ 0 |
| OC-12c(T)(X) | 622 Mbps | \$ 26,000 | \$ 9,000 | \$ 22,900 | \$ 4,500 | \$ 18,400 | \$ 0 |

| Non-Colocation Up To Five (5) Miles | | 1 Year | | 3 Year | | 5 Year | |
|-------------------------------------|----------|-----------|----------|-----------|----------|-----------|------|
| Port | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| DS3 | 40 Mbps | \$ 7,100 | \$ 6,000 | \$ 5,800 | \$ 3,000 | \$ 4,800 | \$ 0 |
| OC-3c(T)(X) | 148 Mbps | \$ 13,300 | \$ 7,000 | \$ 11,000 | \$ 3,500 | \$ 9,100 | \$ 0 |
| OC-12c(T)(X) | 622 Mbps | \$ 34,700 | \$ 9,000 | \$ 30,800 | \$ 4,500 | \$ 25,200 | \$ 0 |

Monthly Mileage Rates

Rates for Connections beyond five (5) include the following per air mile charge added to the 'Non-collocation Up to Five Miles' pricing above. The total mileage is computed as net mileage. That is, five (5) miles are deducted from the total distance from the NAP C.O. to the customer premises:

| Port | Speed | 1 Yr. | 3 Yr. | 5 Yr. |
|--------------|----------|--------|--------|--------|
| DS3 | 40 Mbps | \$ 42 | \$ 42 | \$ 42 |
| OC-3c(T)(X) | 148 Mbps | \$ 193 | \$ 154 | \$ 110 |
| OC-12c(T)(X) | 622 Mbps | \$ 330 | \$ 275 | \$ 200 |

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ADVANCED SERVICES TARIFF

SECTION 8 – NETWORK ACCESS POINT (NAP) (Continued)**8.4 Rates (Continued)****ASI-North**

| Franklin Carrier Meet | | 1 Year | | 3 Year | | 5 Year | |
|-----------------------|----------|-----------|----------|-----------|---------|----------|---------|
| Port | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| DS3 | 40 Mbps | \$ 4,900 | \$ 2,000 | \$ 4300 | \$ 2000 | \$ 3,900 | \$ 2000 |
| OC-3c(T)(X) | 148 Mbps | \$ 5,800 | \$ 3,000 | \$ 5,400 | \$ 3000 | \$ 4,700 | \$ 3000 |
| OC-12c(T)(X) | 622 Mbps | \$ 10,900 | \$ 4,000 | \$ 10,100 | \$ 4000 | \$ 9,300 | \$ 4000 |

| Wabash Carrier Meet | | 1 Year | | 3 Year | | 5 Year | |
|---------------------|----------|-----------|----------|-----------|---------|-----------|---------|
| Port | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| DS3 | 40 Mbps | \$ 5,400 | \$ 2,000 | \$ 5,100 | \$ 2000 | \$ 4,400 | \$ 2000 |
| OC-3c(T)(X) | 148 Mbps | \$ 6,200 | \$ 3,000 | \$ 5,900 | \$ 3000 | \$ 5,200 | \$ 3000 |
| OC-12c(T)(X) | 622 Mbps | \$ 13,600 | \$ 4,000 | \$ 12,600 | \$ 4000 | \$ 11,600 | \$ 4000 |

| Franklin CO. Zero Miles | | 1 Year | | 3 Year | | 5 Year | |
|-------------------------|----------|-----------|----------|-----------|---------|-----------|---------|
| Port | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| DS3 | 40 Mbps | \$ 5,900 | \$ 2,000 | \$ 5,400 | \$ 2000 | \$ 4,700 | \$ 2000 |
| OC-3c(T)(X) | 148 Mbps | \$ 6,900 | \$ 3,000 | \$ 6,400 | \$ 3000 | \$ 5,700 | \$ 3000 |
| OC-12c(T)(X) | 622 Mbps | \$ 14,800 | \$ 4,000 | \$ 13,700 | \$ 4000 | \$ 12,700 | \$ 4000 |

| Franklin Co. One Mile | | 1 Year | | 3 Year | | 5 Year | |
|-----------------------|----------|-----------|----------|-----------|---------|-----------|---------|
| Port | Speed | Monthly | NRC | Monthly | NRC | Monthly | NRC |
| DS3 | 40 Mbps | \$ 6,600 | \$ 2,000 | \$ 5,800 | \$ 2000 | \$ 5,400 | \$ 2000 |
| OC-3c(T)(X) | 148 Mbps | \$ 7,500 | \$ 3,000 | \$ 7,200 | \$ 3000 | \$ 6,500 | \$ 3000 |
| OC-12c(T)(X) | 622 Mbps | \$ 17,500 | \$ 4,000 | \$ 16,200 | \$ 4000 | \$ 15,000 | \$ 4000 |

Monthly Mileage Rates

Rates for connection beyond the above listed categories include the following per air mile charge added to the 'Franklin C.O. One Mile' pricing above. The total mileage is computed as net mileage. That is, one mile is deducted from the total distance from the Franklin C.O. to the customer premises:

| Port | Speed | 1 Yr. | 3 Yr. | 5 Yr. |
|--------------|----------|--------|--------|--------|
| DS3 | 40 Mbps | \$ 72 | \$ 63 | \$ 54 |
| OC-3c(T)(X) | 148 Mbps | \$ 320 | \$ 280 | \$ 240 |
| OC-12c(T)(X) | 622 Mbps | \$ 640 | \$ 560 | \$ 480 |

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ADVANCED SERVICES TARIFF

SECTION 9 – PROMOTIONS (Continued)**Frame Relay Service Nonrecurring Charge Waiver**

Company will waive the following Nonrecurring Charges for new Frame Relay Service ordered from Sections 5.5 through 5.8 under a two (2) year TPP for the period from October 1, 2002 through December 29, 2002:

- 1) All Port Only and Port and Access Nonrecurring Charges.
- 2) PVC Nonrecurring Charges.

If Customer terminates Service prior to expiration of the committed service period, Termination Charges will apply as specified in Section 3 of this tariff and Customer will be assessed and liable for any nonrecurring charges waived as a result of this promotion.

(N)(X)

(N)(X)

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ADVANCED SERVICES TARIFF

SECTION 11 – DISCOUNT PRICING PLANS

11. This section of the tariff contains discount pricing plans that apply to Services noted in each plan.

11.1 TPP Volume Discount Plan (TVP)

11.1.1 TPP Volume Discount Plan (TVP) is a discount pricing plan available to all Frame Relay and ATM Service Arrangements, except as noted in (5) and (6) below. TVP applies as follows:

(N)(X)

1. Customer is required to submit a Confirmation of Service Order to Company specifying it wishes to participate in TVP and identify desired Volume Commitment Level;
2. New Frame Relay or ATM Services in all regions ordered under a two (2)*, three (3) or five (5) year TPP will qualify for the TVP discounts;
3. Existing Frame Relay or ATM Services in all regions that are converted to new two (2)*, three (3) or five (5) year TPPs greater than or equal in length to the remaining portion of their current period qualify for TVP;
4. TVP discounts apply to monthly recurring charges for Frame Relay or ATM Port, PVCs⁽¹⁾, Access Link and Port, Port and Access and Port/Transport combinations in all regions. TVP discounts will be in addition to any discounts received under Term Pricing Plans. PVCs will receive TVP discounts but will not contribute to the Volume Commitment Levels described below;
5. Frame Relay Service purchased from Sections 5.1 through 5.4 at 56 Kbps and 64 Kbps in all regions, and OC-3 ATM Service purchased from Sections 4.1 through 4.4 in ASI-Northeast will contribute to the Volume Commitment Levels described below but will not receive TVP discounts.
6. For TVP Customers who submit Confirmation of Service Order to Company on or after September 28, 2002, Service arrangements purchased under ATM Host-Link are not eligible to receive TVP discounts and do not count toward the Volume Commitment Levels.

(N)(X)

(N)(X)

(N)(X)

(T)(X)

(T)(X)

(T)(X)

(N)(X)

| |

(N)(X)

11.1.2 Volume Discount Levels

Each Frame Relay or ATM Port, Access Link and Port, Port and Access or Port/Transport combination that meet the conditions set forth in 11.1.1 above will count toward the Volume Commitment Levels. A Service arrangement is defined as one Frame Relay or ATM Port Only or one Access Link and Port, Port and Access or Port/Transport combination.

(N)(X)

(T)(X)

(N)(X)

(N)(X)

(N)(X)

Services purchased on a month-to-month or one (1) year basis and Services converted to the Out of Term rates will not contribute to the Volume Commitment Level.

(N)(X)

(N)(X)

Customers may increase their volume discount level at any time during the TPP period. To receive the increased discount, Customer must sign a new two (2)*, three (3) or five (5) year TPP for all Services to be included in discount and submit a new Confirmation of Service Order indicating their desire to increase their Volume Commitment Level.

Section 11.1.1 preceding applies to all Frame Relay and ATM Service arrangements used to increase the Volume Commitment Level.

* The two (2) year TPP is not available for ATM Service purchased from Sections 4.1 through 4.4.

(C)(X)

(1) The TVP discounts apply to the monthly recurring charges for PVCs only if purchased from ATM Service offered in Sections 4.5 through 4.8 or Frame Relay Service offered in Section 5.5 through 5.8.

(N)(X)

(N)(X)

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ADVANCED SERVICES TARIFF

SECTION 11 – DISCOUNT PRICING PLANS (Continued)**11.1 TPP Volume Discount Plan (TVP) (Continued)****11.1.3 Volume Discount Levels and TVP Discounts**

**Number of Frame and
ATM Service Arrangements** **24*, 36 or 60 Month TPP**
(This category applies to Frame only or any combination of Frame and
ATM Service arrangements)

(T)(X)
(C)(X)

| | |
|---------|-----|
| 10-49 | 5% |
| 50-99 | 7% |
| 100-199 | 9% |
| 200-299 | 11% |
| 300+ | 13% |

**Number of ATM
Service Arrangements** **24*, 36 or 60 Month TPP**
(This category applies to ATM Service arrangements only)

(T)(X)
(C)(X)

| | |
|-------|-----|
| 5-14 | 5% |
| 15-24 | 7% |
| 25-49 | 9% |
| 50+ | 12% |

11.1.4 Annual Review

Company will verify that Customer is maintaining its Volume Commitment Level annually on anniversary date of TVP agreement. Customer must maintain service quantities equal to or greater than their minimum volume commitment to remain eligible for the discount. If Customer drops below their committed volume level, Company will downgrade Customer to the appropriate volume discount level for which they qualify. If Customer's volume level drops below the minimum Volume Commitment Level specified in 11.1.3 preceding, TVP will no longer apply.

* The two (2) year TPP is not available for ATM Service purchased from Sections 4.1 through 4.4.

(N)(X)
(D)(X)

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