# SECTION 5 – FRAME RELAY SERVICE

**Vintage Services – Services Effective Between Sept. 10, 2001 and Dec. 31, 2002** (N)(X)

## 5.1 Vintage Service Description (C)(X)

(N)(X)

Vintage services are those Frame Relay Services established between September 10, 2001 and December 31, 2002, the rates, terms and conditions for which are set forth in Section 5.1 (Vintage Service Description), Section 5.2 (Vintage Service Provisioning), Section 5.3 (Vintage Rate Elements) and Section 5.4 (Vintage Rates). These vintage services are being classified as such as a result of Transmittal No. 11, filed September 23, 2002, which significantly restructured Frame Relay Service. Company is retaining the rates, terms and conditions applicable to vintage services.

Customers with vintage services provided under a TPP or on a month-to-month basis retain all existing rights with respect to those services under the terms of this vintage section (e.g., customers may add or rearrange PVCs). However, after December 31, 2002, requests for new Services will be filled pursuant to Sections 5.5 through 5.8 of this tariff.

Customers may choose to migrate vintage Frame Relay services to new Frame Relay services provided pursuant to Sections 5.5 through 5.8 (“Frame Relay Service”) or new ATM services provided pursuant to Sections 4.5 through 4.8 ("ATM Service").

No termination charges would apply to such migrations provided the following conditions are met: (1) the term selected for the new Frame Relay Service or ATM Service is equal to or greater in length than the remaining portion of the TPP for the vintage service; and (2) the new Frame Relay Service or ATM Service port transmission speed(s) purchased are equal to or greater than those purchased with the vintage service.

No nonrecurring charges would apply to such migrations provided the following conditions are met: (1a) the term selected for the new Frame Relay Service or ATM Service is equal to or greater in length than the remaining portion of the TPP for the vintage service; or (1b) for vintage service migrated from a month-to-month basis, the term of the new Frame Relay Service or ATM Service is one (1) year or greater in length; and (2) the new Frame Relay Service or ATM Service port transmission speed(s) purchased are equal to those purchased with the vintage service.

Customers of vintage service may purchase Frame Relay Services provided pursuant to Sections 5.5 through 5.8 in addition to retaining the vintage service. In such case, Customer may, at their own discretion, obtain PVC connectivity between vintage service ports and new Frame Relay Service ports through the purchase of either vintage service or new Frame Relay Service PVCs. Vintage service PVCs cannot be purchased after December 31, 2002. If Customer selects a PVC under the vintage service section of the tariff, the PVC would be associated with the vintage service port; if Customer selects a PVC under the new Frame Relay Service section, the PVC would be associated with the new Frame Relay Service Port.

(N)(X)

Certain material previously found on this page can now be found on 1st Revised Page 51.1.

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## SECTION 5 – FRAME RELAY SERVICE (Continued)

**Vintage Services – Services Effective Between Sept. 10, 2001 and Dec. 31, 2002** (N)(X)

**5.1 Vintage Service Description (Continued)** (C)(X)

Frame Relay Service (FRS) is a communications Service that facilitates the exchange of Customer data in variable length information units, frames or packets between End User connections by way of assigned virtual connections. Each frame is passed to the FRS network with an address that specifies the virtual connections. FRS is capable of handling the requirements of bursty data sources because of the ability of the Service to allocate additional bandwidth when not in use by other Services. FRS allows End Users to share network resources. (M)(X)

FRS conforms to industry protocol standards created by the American National Standards Institute (ANSI) and Telecommunications Standardization Bureau of the International Telecommunications Union (ITU-T).

**5.2 Vintage Service Provisioning** (C)

The Service Level Agreement (SLA) for Frame Relay Service can be found in Section 2.20, preceding.

**5.2.1 User Network Interface (UNI) Access Link and Port**

The UNI Access Link and Port connects the Customer to the Company FRS network based upon the standards defined UNI signaling protocol, available at several speeds between 56Kbps and DS3, which may vary by region.

Each UNI Access Link and Port will accommodate multiple Permanent Virtual Circuits (PVCs), based upon the speeds selected.

**5.2.2 User Network Interface (UNI) Port Only**

UNI Port Only provides port access into the Company's FRS network.

**5.2.3 Network to Network Interface (NNI) Access Link and Port**

The NNI Access Link and Port connects the Customer to the Company FRS network based upon the standards defined NNI signaling protocol. Each NNI Access Link and Port will accommodate multiple Permanent Virtual Circuits (PVCs), based upon the speeds selected.

**5.2.4 Network to Network Interface (NNI) Port Only**

The NNI Port connects the Customer to the Company FRS network based upon the standards defined NNI signaling protocol. (M)(X)

Certain material on this page previously appeared on 1st Revised Page 51.

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## SECTION 5 – FRAME RELAY SERVICE (Continued)

**Vintage Services – Services Effective Between Sept. 10, 2001 and Dec. 31, 2002** (N)(X)

**5.2 Vintage Service Provisioning (Continued)** (C)(X)

**5.2.5 Permanent Virtual Circuits (PVCs)**

Permanent Virtual Circuits (PVCs) are logical connections between two (2) Frame Relay ports that allow data to be sent from one Customer location to another.

**5.2.6 Committed Information Rate**

Committed Information Rate (CIR) is the rate in Kbps or Mbps at which the Company commits to transfer user data under normal conditions, which may vary by region.

| UNI PORTS | | West-CA | West-NV | Central | North | Northeast |
|---|---|---|---|---|---|---|
| Port | Speed | | | | | |
| DS0 | 56 Kbps | X | X | X | X* | X |
| DS0 | 64 Kbps | | | X | | X |
| DS1 | 128 Kbps | X | | X | X* | X |
| DS1 | 256 Kbps | | | X | X* | X |
| DS1 | 384 Kbps | X | | X | X* | X |
| DS1 | 512 Kbps | | | X | | |
| DS1 | 768 Kbps | | | X | | |
| DS1 | 1.536 Mbps | X | X | X | | X |
| DS1 | 1.544 Mbps | | | | X* | |
| DS3 | 37 Mbps | X | | | | |
| DS3 | 42 Mbps | | | X | | |
| DS3 | 45 Mbps | | | | X* | X |

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

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## SECTION 5 – FRAME RELAY SERVICE (Continued)

**Vintage Services – Services Effective Between Sept. 10, 2001 and Dec. 31, 2002** (N)(X)

**5.2 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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## 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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## 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)**

| | Month/Month | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Logical Link** | **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 Adds/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)**

| | Month/Month | | 1 Year | | 2 Year | | 3 Year | | 5 Year | |
|---|---|---|---|---|---|---|---|---|---|---|
| **PVC Logical Link** | **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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## 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 – 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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## 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 - 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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## 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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## 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. (C)(X)

## 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. (C)(X)



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## SECTION 5 – FRAME RELAY SERVICE (Continued)

(C)(X)

### 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. (C)(X)

**(2) Disaster Recovery PVC** (N)(X)

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. (N)(X)

## 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. (N)(X)

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## SECTION 5 – FRAME RELAY SERVICE (Continued) (X)

**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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## 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** |
| 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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## 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)** (X) |

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## 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. (N) (N) (N)(X)

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## 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. (N) (N) (N)(X)

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## 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)

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. (T)(X)

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## 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)

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

**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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## 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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## 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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