
3. GENERAL DESCRIPTION

3.1 GENERAL

This section provides a general overview of the private line services available in this tariff. It includes a description of each category of service. More detailed descriptions are located within the section of this tariff that applies to a given type of service.

3.2 PRIVATE LINE SERVICE CATEGORIES

There are several categories of private line service. Each service category has its own technical characteristics and specifications, and most are further subdivided into speed or type of transmission. Following is a brief description of each service category. AT&T Central Offices for specific categories are enumerated in AT&T Tariff F.C.C. No. 10.

3.2.1 ACCUNET T1.5 SERVICE

Provides services for the transmission of large volumes of communications at 1.544 Mbps.

3.2.2 DATAPHONE DIGITAL SERVICES

Provides services for the transmission of large volumes of communications at 1.544 Mbps.

3.2.3 (RESERVED FOR FUTURE USE)

3.2.4 ACCUNET SPECTRUM OF DIGITAL SERVICES

Provides services for the transmission of digitally-encoded voice band signals or simultaneous two-way transmission of data at synchronous speeds of either 56 or 64 kbps, 128 kbps, 256 kbps, 384 kbps, 512 kbps or 768 kbps.

3.2.5 (RESERVED FOR FUTURE USE)

3.2.6 (RESERVED FOR FUTURE USE)

3.2.7 (RESERVED FOR FUTURE USE)

3.2.8 ACCUNET T45 SERVICES

Provides for the transmission of 44.736 Mbps digital signals.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

3. GENERAL DESCRIPTION

3.1 GENERAL

This section provides a general overview of the private line services available in this tariff. It includes a description of each category of service. More detailed descriptions are located within the section of this tariff that applies to a given type of service.

3.2 PRIVATE LINE SERVICE CATEGORIES

There are several categories of private line service. Each service category has its own technical characteristics and specifications, and most are further subdivided into speed or type of transmission. Following is a brief description of each service category. AT&T Central Offices for specific categories are enumerated in AT&T Tariff F.C.C. No. 10.

From time to time, AT&T may change the names of services, service capabilities or service components, or other terminology. The old terminology may remain in use for some time after such changes (in contract documents and billing records, for example). The following table provides a listing of new terminology and the old terminology:

Table of Changed Terminology for Private Line Services Categories

| New Terminology | Old Terminology |
|-----------------------------|--|
| DS0 Access Channel (GDA) | ACCUNET Generic Digital Access (AGDA) Service |
| DS0 IOC | ACCUNET Spectrum of Digital Services (ASDS) (speeds 9.6 kbps, 56 kbps, or 64 kbps) |
| Fractional T1 IOC (FT1 IOC) | ACCUNET Spectrum of Digital Services (ASDS) (speeds 128 kbps through 768 kbps) |
| T1 IOC | ACCUNET T1.5 Service |
| Fractional T3 IOC (FT3 IOC) | ACCUNET Fractional T45 (FT45) Service |
| T3 IOC | ACCUNET T45 Service |

(AT)

(AT)

Material previously appearing on this sheet now appears on Sheet 1.1.

(AT)

3. GENERAL DESCRIPTION

3.2 PRIVATE LINE SERVICE CATEGORIES (Continued)

3.2.1 ACCUNET T1.5 SERVICE

Provides services for the transmission of large volumes of communications at 1.544 Mbps.

3.2.2 DATAPHONE DIGITAL SERVICES

Provides services for the transmission of large volumes of communications at 1.544 Mbps.

3.2.3 (RESERVED FOR FUTURE USE)

3.2.4 ACCUNET SPECTRUM OF DIGITAL SERVICES

Provides services for the transmission of digitally-encoded voice band signals or simultaneous two-way transmission of data at synchronous speeds of either 56 or 64 kbps, 128 kbps, 256 kbps, 384 kbps, 512 kbps or 768 kbps.

3.2.5 (RESERVED FOR FUTURE USE)

3.2.6 (RESERVED FOR FUTURE USE)

3.2.7 (RESERVED FOR FUTURE USE)

3.2.8 ACCUNET T45 SERVICES

Provides for the transmission of 44.736 Mbps digital signals.

(MT)

(MT)

3. GENERAL DESCRIPTION

3.3 SERVICE COMPONENTS

A private line service connects two or more points which may be AT&T Central Offices, Customer premises, or combinations thereof. A private line service may also consist solely of an office function.

3.3.1 INTER OFFICE CHANNEL

An IOC is a channel between two AT&T Central Offices. An IOC may be provided between LATAs or within a LATA.

3.3.2 OFFICE CONNECTIONS

Office connections provide the physical connection, at an AT&T Central Office, of access, an office function(s), an IOC and Switched Digital Service.

A. ACCESS CONNECTION

An access connection provides the physical connection, at an AT&T Central Office, of a local channel obtained from Private Line Services Tariff P.S.C. Mo. No. 24 of this tariff, or other access, to an IOC, office function, another local channel or other access. One access connection applies for each local channel or other access connected.

Examples of the types of connections are:

- a local channel to: another local channel, other access, an office function or an IOC.
- other access to: an office function or an IOC.

When access is connected to a Company service and the Customer wishes the Company to perform the functions of access design, ordering, installation, coordination, pre-service testing and service turn-up, trouble sectionalization and restoration coordination, the Access Coordination Function furnished from Private Lines Services Tariff P.S.C. Mo. No. 24 of this tariff, provides those functions. When the Access Coordination Function is ordered, the Company will design the service based upon standard engineering considerations, which may not produce a minimum price configuration.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

3. GENERAL DESCRIPTION

3.3 SERVICE COMPONENTS (Continued)

3.3.2 OFFICE CONNECTIONS (Continued)

A. ACCESS CONNECTION (Continued)

When other access is connected to an AT&T service and the Customer wishes AT&T to perform only the function of physical connection of the other access to a service component at an AT&T Central Office, an access connection only is employed. In such cases AT&T makes or implies no warranty that the assembly will operate properly or that transmission will be satisfactory.

B. FUNCTION CONNECTION

A function connection provides the physical connection at an AT&T Central Office of an office function to an IOC or another office function.

Examples of the type of connections are:

- An office function to: an IOC
- An office function to: another office function
- An IOC to: Switched Digital Service as specified in Section 3.3.2, preceding.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

3. GENERAL DESCRIPTION

3.3 SERVICE COMPONENTS (Continued)

3.3.3 CHANNEL OPTIONS

Channel options are features which can be added to an Interoffice Channel to change or to augment its transmission characteristics. Typical channel options are signaling and data conditioning.

3.3.4 OFFICE FUNCTIONS

Office functions are optional functions performed at AT&T Central Offices which enable a Customer to increase the efficiency or usefulness of its service. They include switching arrangements such as DS1 Switch Port, Multiplexing (such as M-24); transfer arrangements; and alternate use arrangements. Office functions are connected with channels or other office functions by office connections.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

4. INTER OFFICE CHANNEL MILEAGE MEASUREMENT

4.1 GENERAL

The rate mileage for an Inter Office Channel, except as noted herein, is the airline distance measured between two AT&T Central Offices.

To determine the rate mileage for an Inter Office Channel, first determine the appropriate AT&T Central Office as described below.

4.1.1 DETERMINING AT&T CENTRAL OFFICES

The appropriate AT&T Central Office used to price a private line service is determined by (1) the LATA(s) in which the private line service is desired, (2) the category of private line service to be provided, and (3) the designated AT&T Central Offices when certain office functions are involved.

A. DETERMINING THE AT&T CENTRAL OFFICES WITHIN A LATA

The Customer may specify a particular AT&T Central Office within a LATA (i.e., Customer specified routing). In such cases, the Interoffice Channel will be physically routed and priced to the AT&T Central Office specified by the Customer. If the Customer does not make such a specification, AT&T will determine the AT&T Central Office(s) for a LATA, using the telephone number which normally serves the Customer's premises and the type of service to be provided as follows:

1. In Section 3 of AT&T Tariff F.C.C. No. 10, look up the area code and first three digits of the telephone number and find its rate center listing.
2. In Section 4 of the AT&T Tariff F.C.C. No. 10, look up the rate center and find its LATA number.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

4. INTER OFFICE CHANNEL MILEAGE MEASUREMENT

4.1 GENERAL (Continued)

4.1.1 DETERMINING AT&T CENTRAL OFFICES (Continued)

A. DETERMINING THE AT&T CENTRAL OFFICES WITHIN A LATA (Continued)

3. In Section 5 of AT&T Tariff F.C.C. No. 10, look up the LATA number and find the AT&T Central Offices within the LATA. Determine the AT&T Central Offices within the LATA which provide the service category required and the V&H coordinates for those AT&T Central Offices.
4. The AT&T Central Offices used to determine the mileage for an IOC will be the one which is nearest to the Customer's premises, determined as set forth in Section 4 of Private Line Services Tariff P.S.C. Mo. No. 24. If there is only one AT&T Central Office in a LATA for a category of private line service, no choice is necessary.
5. Once all of the appropriate AT&T Central Offices have been determined, calculate the airline distance between the AT&T Central Offices (see Calculation of Airline Mileage, Section 4.1.2 following). The result will be the IOC rate mileage(s).

B. DESIGNATED AT&T CENTRAL OFFICES

AT&T Central Offices for certain office functions are designated in Section 5 of AT&T Tariff F.C.C. No. 10.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

4. INTER OFFICE CHANNEL MILEAGE MEASUREMENT

4.1 GENERAL (Continued)

4.1.2 CALCULATION OF AIRLINE MILEAGE

Airline mileage between V&H coordinates is calculated as set forth in AT&T Tariff F.C.C. No. 10. Following is an example of how mileage is calculated in accordance with those regulations.

- A. After determining the V&H coordinates of the AT&T Central Offices on a private line service as described in 4.1.1 preceding, calculate the mileage between the V&H coordinates as follows:

1. Example:

| | | | | | |
|-------------|------------|-----|-------|-----|-------|
| Kansas City | (KSCYMO09) | (V) | 07028 | (H) | 04202 |
| St. Louis | (STLSMO09) | (V) | 06807 | (H) | 03483 |

2. Obtain the difference between the V coordinates. Then obtain the difference between the H coordinates. (The difference is always obtained by subtracting the smaller coordinate from the larger).

| | | |
|------------|------------|------------|
| | <u>V</u> | <u>H</u> |
| | 07028 | 04202 |
| | - 06807 | - 03483 |
| Difference | <u>221</u> | <u>719</u> |

3. Square each difference

$$(221)^2 = 48,841$$

$$(719)^2 = 516,961$$

4. Add the squares of the two differences.

$$48,841 + 516,961 = 565,802$$

5. Divide the sum of the squares by 10. (Round any fraction obtained to the next higher whole number.)

$$565,802 / 10 = 56,580.2$$

6. Take the square root of the result obtained in 5. The resultant is the airline miles of the IOC. (Fractional miles are rounded to the next higher whole number.)

$$\text{Square root of } 56,581 = 237.86$$

$$\text{IOC airline mileage (rounded)} = 238 \text{ miles}$$

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

4. INTER OFFICE CHANNEL MILEAGE MEASUREMENT

4.2 TWO-POINT MILEAGE MEASUREMENT

The rate mileage for the IOC on a two-point private line service is the airline distance measured between two AT&T Central Offices.

4.3 MULTIPOINT MILEAGE MEASUREMENT

The rate mileage for the IOC(s) on a private line service with three or more AT&T Central Offices is the sum of the individual airline mileages measured between each pair of AT&T Central Offices which produces the lowest total mileage charge when all of the AT&T Central Offices are connected together.

Exceptions to this method of measurement may apply in those cases when the Customer specifies the sequence in which the IOCs are connected (see Exceptions to Inter Office Channel Mileage Measurements, Section 4.4 following).

4.4 EXCEPTIONS TO INTER OFFICE CHANNEL MILEAGE MEASUREMENTS

In certain cases there are exceptions to the way IOC mileage measurements are determined. This section describes those exceptions.

4.4.1 CUSTOMER SPECIFIES THE IOC ROUTING OF A MULTIPOINT SERVICE

This exception applies to multipoint services where the AT&T Central Offices are connected together in the sequence specified by the Customer.

The total rate mileage is the combination of individual two-point airline distances measured between the AT&T Central Offices based on the sequence requested by the Customer.

The service would be physically routed in the sequence requested by the Customer and would be priced according to that routing.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

5. PRICING EXAMPLES AND CALCULATIONS

5.1 CALCULATION OF CHARGES

To calculate the monthly recurring charge for each Inter Office Channel, first determine the airline mileage of the channel (see Calculation of Airline Mileage, Section 4.1.2). Using the rate schedule which corresponds to the applicable rate plan (monthly, discounted fixed rate, or MCP), multiply the total calculated airline miles by the appropriate mileage rate. To this figure add the corresponding fixed rate. The sum of the mileage charge and the fixed charge is the total recurring monthly charge for the IOC.

5.1.1 CALCULATIONS OF CHARGES FOR DATAPHONE DIGITAL SERVICES

Example (Monthly Rate Plan):

The IOC airline mileage for two-point 9.6 kbps service is 98 miles.

| | | |
|-------------------------------|------|---------------|
| 238 Mileage Rate (\$0.39) | = \$ | 92.82 |
| Add the Fixed Rate (\$338.00) | = \$ | <u>338.00</u> |
| Total Monthly Charge | = \$ | 430.82 |

5.1.2 CALCULATION OF CHARGES FOR ACCUNET SPECTRUM OF DIGITAL SERVICES

Example 1:

A Customer orders four ASDS 64 kbps channels between AT&T Central Offices that are 238 miles apart.

| | | |
|--|------|-------------------|
| 238 x the per mile rate for a 56/64 | = \$ | 333.20 |
| kbps Channel (\$.35) x 4 | | |
| Add the Fixed Rate (\$299.00) x 4 | = | <u>\$1,196.00</u> |
| Total Monthly IOC Charge | = | \$1,529.20 |

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

5. PRICING EXAMPLES AND CALCULATIONS

5.1. CALCULATION OF CHARGES (Continued)

5.1.2 CALCULATION OF CHARGES FOR ACCUNET SPECTRUM OF DIGITAL SERVICES
(Continued)

Example 2 (MCP Discount):

A Customer has six ASDS 56 kbps IOCs between the AT&T Central Office in Kansas City and the AT&T Central Office in St. Louis. Four of the six IOCs have office functions from this tariff at both offices and qualify for the MCP Discount. The MCP Discount is applied as follows:

| | | |
|----------------------------------|---|------------------|
| Fixed Rate | = | \$ 299.00 |
| Mileage Rate (238 miles x \$.35) | = | \$ <u>83.30</u> |
| Total Charge Per IOC | = | \$ 382.30 |
| x 6 IOCs | | <u> 6</u> |
| Total Charge | = | \$2,293.80 |

The total non-discounted charge for the above service is \$2,293.80. The MCP discount is applied as follows:

| | | |
|--|---|------------------|
| Total ASDS charge before discount | = | \$2,293.80 |
| Discount on 4 qualifying IOCs (8.0% x \$1,529.20) | = | \$ <u>122.34</u> |
| Total ASDS Charge | = | \$2,171.46 |

5.1.3 CALCULATION OF CHARGES FOR ACCUNET T1.5 SERVICES

Example (Discounted Fixed Rate Plan):

The IOC airline mileage is 238 miles for a service provided under a five-year discounted fixed rate plan.

| | | |
|--------------------------------|---|--------------------|
| 238 x Mileage Rate (\$7.00) | = | \$1,666.00 |
| Add the Fixed Rate (\$1200.00) | = | \$ <u>1,200.00</u> |
| Total Monthly Charge | = | \$2,866.00 |

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

5. PRICING EXAMPLES AND CALCULATIONS

5.1.3 CALCULATION OF CHARGES FOR ACCUNET T1.5 SERVICES (Continued)

The total non-discounted monthly charge is \$2,866.00. The Discounted Fixed Rate Plan discount of 31% is applied to the mileage rate and the fixed rate, then the discounted monthly charge is calculated.

| | | | |
|--|---|----|---------------|
| Mileage Rate | = | \$ | 7.00 |
| Discount (31% of \$7.00) | = | \$ | <u>2.17</u> |
| Discounted Mileage Rate | = | \$ | 4.83 |
| | | | |
| Fixed Rate | = | \$ | 1,200.00 |
| Discount (31% of \$1200.00) | = | \$ | <u>372.00</u> |
| Discounted Fixed Rate | = | \$ | 828.00 |
| | | | |
| 238 x Discounted Mileage Rate (<u>\$4.83</u>) | = | \$ | 1,149.54 |
| Add the Discounted Fixed Rate | = | \$ | <u>828.00</u> |
| Total Discounted Monthly Charge | = | \$ | 1,977.54 |

5.2 CALCULATION OF CHARGES UNDER A MULTISERVICE VOLUME PRICING PLAN FOR T1.5 SERVICE

To calculate the monthly recurring charge for each Inter Office Channel, first determine the airline mileage of the channel (see Calculation of Airline Mileage, Section 4.1.2). Using the monthly rate schedule for a MSVPP, multiply the total calculated airline miles by the appropriate mileage rate. To this figure add the corresponding fixed rate. The sum of the mileage charge and the fixed charge is the total recurring monthly charge for the IOC.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

5. PRICING EXAMPLES AND CALCULATIONS

5.2 CALCULATION OF CHARGES UNDER A MULTISERVICE VOLUME PRICING PLAN FOR T1.5 SERVICE (Continued)

Example 1 (MSVPP):

A Customer has a Multiservice Volume Pricing Plan (MSVPP) comprised of ACCUNET T1.5 Service IOCs. The MSVPP has a three-year term at a \$15,000 minimum monthly revenue commitment. The IOCs committed to the plan are:

ACCUNET T1.5 Service airline mileage totals 1428 miles over 6 IOCs.

| | |
|---|----------------------|
| 6 - ACCUNET T1.5 Service circuits at 238 miles each x Mileage Charge (\$7.00) | = \$ 9,996.00 |
| 6 - IOCs x Fixed Rate (\$1,200.00) | = \$ 7,200.00 |
| 12 - Access Connections (\$260.00) | = <u>\$ 3,120.00</u> |
| Total Non-Discounted Monthly Charge | = \$20,316.00 |

The total non-discounted charge for the service is above the minimum monthly revenue commitment of \$15,000. The MSVPP discount is applied as follows:

| | |
|--|----------------------|
| ACCUNET T1.5 Service monthly charges before discount | = \$20,316.00 |
| Discount (30.0% x \$20,316.00) | = <u>\$ 6,094.80</u> |
| Total MSVPP Monthly Charge | = \$14,221.20 |

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

5. PRICING EXAMPLES AND CALCULATIONS

5.2 CALCULATION OF CHARGES UNDER A MULTISERVICE VOLUME PRICING PLAN FOR T1.5 SERVICE (Continued)

Example 2 (MSVPP):

A Customer has a Multiservice Volume Pricing Plan (MSVPP) comprised of ACCUNET T1.5 Service IOCs. The MSVPP has a three-year term at a \$15,000 minimum monthly revenue commitment. The IOCs committed to the plan are:

ACCUNET T1.5 Service airline mileage totals 952 miles over 4 IOCs.

| | |
|---|---------------|
| 4 - ACCUNET T1.5 Service circuits at 238 miles each x Mileage Charge (\$7.00) | = \$ 6,664.00 |
| 4 - IOCs x Fixed Rate (\$1200.00) | = \$ 4,800.00 |
| 8 - Access Connections (\$260.00) | = \$ 2,080.00 |
| Total Non-Discounted Monthly Charge | = \$13,544.00 |

The total non-discounted charge for the service is below the minimum monthly revenue commitment of \$15,000. The Customer will be billed the minimum monthly revenue commitment amount less the appropriate discount for the actual charge for the service. The MSVPP discount is applied as follows:

| | |
|---|---------------|
| ACCUNET T1.5 Service monthly charges before discount | = \$13,544.00 |
| Discount (30.0% x \$13,544.00) | = \$ 4,063.20 |
| Minimum Monthly Revenue Commitment | = \$15,000.00 |
| Less the Total MSVPP Monthly Discount | = \$ 4,063.20 |
| Total MSVPP Monthly Charge | = \$10,936.80 |

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

6. PROMOTIONAL OFFERINGS

6.1 GENERAL

The Company may, upon Commission approval, offer specific rate incentives during specified promotional periods. The Company will file proposed tariff language for approval with the Missouri Public Service Commission prior to the commencement of a promotional program. This proposed tariff will specify the terms of the promotion, the specific service offered, and the location and dates of the promotional period.

Refer to the Promotional Offers part of this tariff for promotions currently in effect.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

RECD NOV 26 2002

7.1 GENERAL

Service Commission

An AC CUNET T1.5 Service provides for the transmission of 1.544 Mbps digital signals over terrestrial channels.

An ACCUNET T1.5 Service uses one of two types of DS1 signal formats. They are:

- A framed DS1 signal format (D4 or ESF), and
- An unframed DS1 signal format for U.S. Government Agencies only.

Customers (except U.S. Government Agencies and others furnishing service to U.S. Government Agencies) are required to select either D4 format or where available, the Extended Superframe (ESF). The D4 format is described in Technical Publication-PUB 62411 and ESF is described in Technical Publication-PUB 54016, (see Technical Publication Information, Preface, Sheet 5). U.S. Government Agencies may obtain ACCUNET T1.5 Services free from any format constraint by notifying AT&T of such an election at the time service is ordered.

Certain governmental agencies are required by law not to purchase service(s) except under arrangements that terminate if funds are not available. These agencies may discontinue the plans specified in 7.1.9 without penalty or recourse if they terminate service(s) covered under the plans because funds are not available.

7.1.1 DESCRIPTION

ACCUNET T1.5 Services are configured by furnishing office functions or by combining components to connect two AT&T Central Offices. AT&T Central Offices may be within the same LATA or may be located in different LATAs. ACCUNET T1.5 Services are furnished on a two-point basis only.

CANCELLED

JUL 01 2003

clars
Public Service Commission
MISSOURI

Missouri Public
Service Commission

FILED DEC 26 2002

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

7. ACCUNET T1.5 SERVICES

7.1 GENERAL

An ACCUNET T1.5 Service provides for the transmission of 1.544 Mbps digital signals over terrestrial channels.

An ACCUNET T1.5 Service uses one of two types of DS1 signal formats. They are:

- A framed DS1 signal format (D4 or ESF), and
- An unframed DS1 signal format for U.S. Government Agencies only.

Customers (except U.S. Government Agencies and others furnishing service to U.S. Government Agencies) are required to select either D4 format or where available, the Extended Superframe (ESF). The D4 format is described in Technical Publication-PUB 62411 and ESF is described in Technical Publication-PUB 54016, (see Technical Publication Information, Preface, Sheet 5). U.S. Government Agencies may obtain ACCUNET T1.5 Services free from any format constraint by notifying AT&T of such an election at the time service is ordered.

Certain governmental agencies are required by law not to purchase service(s) except under arrangements that terminate if funds are not available. These agencies may discontinue the plans specified in 7.1.9 without penalty or recourse if they terminate service(s) covered under the plans because funds are not available.

7.1.1 DESCRIPTION

ACCUNET T1.5 Services are configured by furnishing office functions or by combining components to connect two AT&T Central Offices. AT&T Central Offices may be within the same LATA or may be located in different LATAs. ACCUNET T1.5 Services are furnished on a two-point basis only. AT&T is introducing ACC Business intrastate private line products. All terms and conditions, rates and charges are identical to the existing AT&T ACCUNET² T1.5 Services offered in this tariff.

(AT)
|
|
(AT)

7. ACCUNET T1.5 SERVICES

7.1 GENERAL (Continued)

7.1.2 SIGNALS AT THE OFFICE CONNECTION

All signals generated by Local Channels or other access and presented to the access connection at an AT&T Central Office must meet certain signal and format constraints. Some of these constraints are listed below. Additional details are set forth in Sections 5 through 8 of Technical Publication-PUB 62411 (see Technical Publication Information, Preface, Sheet 5).

A. SIGNAL AND FORMAT CONSTRAINTS FOR FRAMED AND UNFRAMED DS1 SIGNALS

- Data Rate: 1.544 Mbps +/- 75 bps.
- Consecutive Zeros: No more than 15 consecutive zeros may be generated.

B. FORMAT CONSTRAINT FOR FRAMED DS1 SIGNAL

- F Bit Position: This framing constraint requires the use of every 193rd bit position for framing, error detection, signaling and the transmission of other network control information.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.1 GENERAL (Continued)

7.1.3 REGULATIONS

In addition to the Regulations in Section 2 preceding, the following apply:

A. AVAILABILITY OF AN ACCUNET T1.5 SERVICE

ACCUNET T1.5 Services are available from the AT&T Central Offices listed in Tariff F.C.C. No. 10. ACCUNET T1.5 Services may not be available in every LATA.

B. CREDIT ALLOWANCES FOR INTERRUPTIONS

For purposes of determining credit allowances in accordance with the regulations in Section 2.7 preceding, an ACCUNET T1.5 Service is considered to be interrupted when:

- there has been a loss of continuity, or
- 300 or more seconds of transmission containing errors occur in a 15-minute period.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.1 GENERAL (Continued)

7.1.3 REGULATIONS (Continued)

C. INSTALLATION CHARGE WAIVER

Installation charges will be waived for the Access Connection, Function Connection, M24 Multiplexing Office Function, and the Local Channel and Access Coordination Function provided under AT&T's Tariff P.S.C. Mo. No. 24 for Customers who order new Terrestrial 1.544 Mbps Local Channel Services with IOC, used in conjunction with T1.5 Local Channel Services.

In order for a Customer to qualify for the waived installation charges when ordering a new Terrestrial 1.544 Mbps Local Channel Service, the Terrestrial 1.544 Local Channel Service must be ordered with a Terrestrial 1.544 IOC or must be connected through the M24 multiplexing office function to a minimum of one new ASDS IOC at speeds of 128 kbps and above or to a minimum of two new ASDS IOCs at speeds of between 56 kbps and 64 kbps and the IOCs must be ordered simultaneously with the new Terrestrial 1.544 Mbps Local Channel Service.

Excluded from the installation charge waiver are:

- Replacement of existing service with a service of the same type and speed
- Additions to and/or rearrangements to existing services

A Customer who discontinues service prior to 12 full months will be billed for the waived charges.

However, a Customer may discontinue service without liability for waived charges to (1) replace a service with Regional Frame Relay Service provided under AT&T's Tariff P.S.C. Mo. No. 24, (2) replace a Voice Grade Local Channel Service with a digital service or (3) replace a digital service with a new digital service of a higher speed.

- D. (RESERVED FOR FUTURE USE)
- E. (RESERVED FOR FUTURE USE)
- F. CONNECTION OF OTHER ACCESS

Other access may be connected to an ACCUNET T1.5 Service. If the connection provides the capability to transmit signals with encoded analog content via the ACCUNET T1.5 Service to the telecommunications network, it must comply with the Minimum Protection Criteria specified in Section 2.8.3 preceding.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.1 GENERAL (Continued)

7.1.4 MINIMUM PAYMENT PERIOD

Except as noted in Section 7.1.8 following, the minimum payment period for all ACCUNET T1.5 Service components is one month. The minimum payment period for components furnished under an optional discounted fixed rate plan depends upon the conditions under which the Customer discontinues service (see Section 7.1.8 following).

7.1.5 NOTICE OF DISCONTINUANCE

The Notice of Discontinuance for the IOC component of an ACCUNET T1.5 Service is one month. Recurring charges apply for a period of one month from the date AT&T receives the discontinuance notice or until the requested discontinuance date, whichever is longer. The charges will continue to apply whether or not the Customer continues to use the service. For purposes of calculating the discontinuance charges for Customers subscribing to a discounted fixed rate plan, the Customer's current discounted fixed rate will apply until the expiration date of the discounted fixed rate plan and conventional monthly rates will apply thereafter.

7.1.6 CANCELLATION CHARGE

As specified in Section 2.6.7 preceding, a cancellation charge will apply, per component, for service orders canceled by the Customer on or after the SID.

The Cancellation Charge Schedule for ACCUNET T1.5 Service is as specified in the Price List.

7.1.7 (RESERVED FOR FUTURE USE)

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.1 GENERAL (Continued)

7.1.8 DISCOUNTED FIXED RATE PLANS

One-, two-, three-, four- and five-year discounted fixed rate plans are available as alternatives to conventional monthly rates for the IOC component of ACCUNET T1.5 Service. Under the discounted fixed rate plan, the percentage discount off of the rates under the monthly rate plan will be fixed throughout the commitment period.

A. DISCONTINUANCE OF A DISCOUNTED FIXED RATE PLAN-WITHOUT LIABILITY

The Customer may discontinue a discounted fixed rate plan prior to the expiration of the applicable term without liability as specified following:

1. The Customer may discontinue an ACCUNET T1.5 IOC furnished under a discounted fixed rate plan prior to the expiration of the applicable term without liability under any of the following conditions:
 - a. If tariff revisions increase the applicable rate before the applicable term expires. The Customer must notify AT&T in writing within 60 days of the effective date of the tariff revision of their intent to discontinue the discounted fixed rate plan.
 - b. If the Customer enters a new agreement before the applicable term expires and the expiration date of the new plan is on or after the expiration date of the unexpired plan.
2. In addition, the Customer may discontinue an ACCUNET T1.5 IOC furnished under a discounted fixed rate plan prior to the expiration of the applicable term without liability under the following condition:
 - a. The Customer enters into a replacement plan for other AT&T services which has an equal or greater revenue commitment, provided the expiration date of the new plan is on or after the expiration date of the unexpired plan.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.1 GENERAL (Continued)

7.1.8 DISCOUNTED FIXED RATE PLANS (Continued)

B. DISCONTINUANCE OF A DISCOUNTED FIXED RATE PLAN-WITH LIABILITY

Discontinuance of a service furnished under a discounted fixed rate plan for reasons other than stated in Section 7.1.8.A above, prior to the expiration of the applicable term, will result in Customer liability as specified below:

1. For service discontinued prior to the completion of the first year of service, the Customer is liable for 100 percent of the total monthly charges for the unexpired portion of the first year of service plus 50 percent of the total monthly charges for the remaining portion of the applicable term.
2. For service discontinued after the completion of the first year of service and more than three months prior to the expiration date of the discounted fixed rate plan, the Customer is liable for 50 percent of the total monthly charges for the unexpired portion of the applicable term. For service discontinued within three months of the expiration date of the discounted fixed rate plan, Notice of Discontinuance provisions as specified in Section 7.1.5 preceding apply.

Payment of the total amounts owed by the Customer under this regulation are due within thirty days of the date service is discontinued.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.1 GENERAL (Continued)

7.1.8 DISCOUNTED FIXED RATE PLANS (Continued)

C. EXPIRATION AND RENEWAL OF A DISCOUNTED FIXED RATE PLAN

Upon expiration of a discounted fixed rate plan, the Customer has the option to obtain the same service under a new discounted fixed rate plan (for the IOC) or to obtain service under the monthly rate plan.

The Customer may renew service under a new discounted fixed rate (for the IOC) by notifying AT&T, in writing, anytime prior to the expiration of the current discounted fixed rate plan.

To continue the same service under monthly rates, no action is required on the part of the Customer. Upon expiration of a discounted fixed rate plan, and unless notification to the contrary is received, the Customer's service will automatically be continued at rates specified under the monthly rate plan in effect at that time. In this case, the Customer will be considered to have satisfied the one-month minimum period.

Notice of Discontinuance provisions, as specified in Section 7.1.5 preceding, apply if the Customer elects not to renew service.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.1 GENERAL (Continued)

7.1.9 MULTISERVICE VOLUME PRICING PLAN*

A Multiservice Volume Pricing Plan (MSVPP) is available as an alternative to conventional monthly or fixed rate plans for the Inter Office Channel, Central Office Connections, and channel options of ACCUNET T1.5 Service. In exchange for a minimum monthly revenue commitment for a period of one, two, three, four or five years, the Customer is given a reduced rate. The minimum monthly revenue commitment is based on the recurring charges for all service components included in the monthly plan(s). The discount (if applicable) is fixed for the commitment period. The service components associated with the MSVPP are identified on the Customer's bill.

A. MSVPP STRUCTURE

A MSVPP may include one or more of a Customer's service components associated with ACCUNET T1.5 Service.

B. MSVPP COMMITMENT AND PLAN FLEXIBILITY

The revenue commitment made by the Customer consists of total monthly billing, i.e., the monthly per channel charge (fixed and mileage sensitive charges) and the monthly charges for all other components included in the plan. The Customer may add components to, delete components from, and move components among MSVPPs at any time during the specified term. A service order is required for each change to a MSVPP.

A Customer may decrease its minimum monthly revenue commitment to the next lower level, without liability, if the sum of the fixed per channel charges, mileage sensitive charges, and monthly recurring charges falls below the minimum monthly revenue commitment because:

1. AT&T reduces the applicable rates for one or more of the services included in the MSVPP.
2. The Customer replaces one service with another service of equal or greater transmission speed that may be included in the MSVPP.
3. The Customer enters into a new plan for replacement services and the expiration date of the new plan is on or after the expiration date of the MSVPP.

*Multiservice Volume Pricing Plan may not be ordered after July 18, 2001.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.1 GENERAL (Continued)

7.1.9 MULTISERVICE VOLUME PRICING PLAN (Continued)

B. MSVPP COMMITMENT AND PLAN FLEXIBILITY (Continued)

The actual billing in each month will be the sum of the fixed and mileage sensitive charges associated with the inter office channel, and the monthly charges for all other service components included in the MSVPP less the appropriate discount. If the sum of the charges falls below the minimum monthly revenue commitment, the actual billing will be the minimum monthly commitment revenue less the appropriate discount(s) applied to the actual charges for each service.

C. DISCONTINUANCE OF A MSVPP-WITHOUT LIABILITY

The Customer may discontinue a MSVPP at any time during the life of the plan without liability under either of the following conditions:

1. The Customer enters into a replacement plan for other AT&T services or a new MSVPP, either of which has an equal or greater revenue commitment, provided the expiration date of the new plan is on or after the expiration date of the unexpired plan.
2. Tariff revisions increase the applicable rates before the term of the MSVPP expires, without the Customer's prior written consent.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.1 GENERAL (Continued)

7.1.9 MULTISERVICE VOLUME PRICING PLAN (Continued)

D. DISCONTINUANCE OF A MSVPP-WITH LIABILITY

Discontinuance of a MSVPP for reasons other than those stated in 7.1.9.C. above, prior to the expiration of the applicable term, will result in Customer liability as specified below:

1. For a MSVPP discontinued prior to the completion of the first year of service, the Customer is liable for 100 percent of the non-discounted MSVPP minimum monthly revenue commitment for the unexpired portion of the first year of service plus 50 percent of the non-discounted MSVPP minimum monthly revenue commitment for the remaining portion of the applicable term.
2. For a MSVPP discontinued after the completion of the first year of service, the Customer is liable for 50 percent of the non-discounted MSVPP minimum monthly revenue commitment for the unexpired portion of the applicable term.

Payment of the total amounts owed by the Customer under this regulation are due within thirty days of the date the plan is discontinued.

E. EXPIRATION AND RENEWAL OF A MSVPP

Upon expiration of a MSVPP, the Customer has the option to obtain any MSVPP available or to obtain service under a monthly, fixed rate or other available plan.

The Customer may renew service under a new MSVPP or obtain service under a fixed rate plan by notifying AT&T in writing anytime prior to the expiration of the current MSVPP.

To continue the same service under monthly rates, no action is required on the part of the Customer. Upon expiration of a MSVPP, and unless notification to the contrary is received, the Customer's service will automatically be continued at rates specified under the monthly rate plan in effect at that time. In this case, the Customer will be considered to have satisfied the one-month minimum period.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.2 SERVICE COMPONENTS AND RATES

The components of an ACCUNET T1.5 Service are:

7.2.1 INTER OFFICE CHANNEL

An Inter Office Channel is a channel between two AT&T Central Offices, points of connection or a combination thereof.

A. RATES

The monthly per channel charge is mileage sensitive and includes two rates. The fixed rate applies to the channel itself, and a mileage rate applies to each airline mile of the Inter Office Channel.

1. RATE PLANS

Conventional monthly rates, discounted fixed rate plans and Multiservice Volume Pricing Plans are available. The Customer may add IOCs to, delete IOCs from and move IOCs between the various rate plans as specified in the particular plan regulations (see Sections 7.1.8 and 7.1.9, preceding). The Customer must place a service order for each change it requests.

a. MONTHLY PLAN

Monthly rate plans are as specified in the Price List.

b. (RESERVED FOR FUTURE USE)

c. DISCOUNTED FIXED RATE PLANS

Discounted Fixed rate plans are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.2 SERVICE COMPONENTS AND RATES (Continued)

7.2.1 INTER OFFICE CHANNEL (Continued)

A. RATES (Continued)

1. RATE PLANS (Continued)

d. MULTISERVICE VOLUME PRICING PLAN*

For a MSVPP, the actual billing will be the sum of the fixed and mileage sensitive charges associated with the inter office channel, and the monthly charges for all other service components included in the MSVPP less the appropriate discount. If the sum of the charges falls below the minimum monthly revenue commitment, the actual billing will be the minimum monthly commitment revenue less the appropriate discount(s) applied to the actual charges for each service.

(1) RATES

MSVPP Discounts are as specified in the Price List.

*Multiservice Volume Pricing Plan may not be ordered after July 18, 2001.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.2 SERVICE COMPONENTS AND RATES (Continued)

7.2.2 OFFICE CONNECTIONS

A. ACCESS CONNECTION

An access connection provides the function, at an AT&T Central Office, of connecting Local Channels obtained from Private Line Services Tariff P.S.C. Mo. No. 24 of this tariff or other access, to an IOC, office function, another Local Channel, other access, or an AT&T service as specified in Section 3.3.2, preceding. One access connection applies for each Local Channel or other access connected.

Access Connection rates are as specified in the Price List.

B. FUNCTION CONNECTION

A function connection provides the function, at the AT&T Central Office, of connecting an office function to an IOC, another office function, or an AT&T Service as specified in Section 3.3.2, preceding, or of connecting an IOC to an AT&T Service as specified in Section 3.3.2, preceding.

Function Connection rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.2 SERVICE COMPONENTS AND RATES (Continued)

7.2.3 CHANNEL OPTIONS

Channel options are features added to a channel to change or augment its transmission characteristics.

- A. (RESERVED FOR FUTURE USE)
- B. (RESERVED FOR FUTURE USE)
- C. (RESERVED FOR FUTURE USE)
- D. CLEAR CHANNEL CAPABILITY

This option provides a Customer with the capability to transmit DSO (64 kbps) or DS1 (1.544 Mbps) signals with more than 15 consecutive zeros in a transmission. B8ZS (biopolar eight zero substitution) is the only coding technique acceptable for use with ACCUNET T1.5 Service to provide 64 kbps clear channel capability. B8ZS coding is described in Technical Publication-PUB 62411.

Compatible Customer Premises equipment is required with this option. This equipment must be capable of transmitting and receiving B8ZS coding and must conform to extended superframe format. Extended superframe format is described in Technical Publication-PUB 54016.

An order for the Clear Channel Capability option must be placed coincidentally with the Customer's order for an ACCUNET T1.5 IOC, though this option may not be available at all AT&T Central Offices. There is no charge for this option.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.2 SERVICE COMPONENTS AND RATES (Continued)

7.2.3 CHANNEL OPTIONS

E. ENHANCED DIVERSITY ROUTING

Under this option, two or more ACCUNET T1.5 IOCs are furnished entirely over physically and electrically separated transmission paths, such that a failure at one geographic location will not cause the loss of both paths. The Enhanced Diversity Routing (EDR) is offered where separate facilities are available, subject to routing or performance constraints resulting from the diverse routing and made known to the Customer prior to ordering. If complete EDR is not available when ordered, or if it becomes unavailable at a later date due to network rearrangements, EDR may be furnished on a partial basis only at the Customer's request. The Customer will be advised before partial EDR is provided and may cancel or discontinue the EDR option if the partial EDR is not acceptable. No cancellation charge will apply if the facilities are not available or the Customer does not accept the partial EDR. When EDR is ordered, an installation charge and monthly charge apply for each IOC in an IOC relationship pair on which EDR is provided, i.e., IOC No. 1 is diverse from IOC No. 2.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.2 SERVICE COMPONENTS AND RATES (Continued)

7.2.3 CHANNEL OPTIONS

E. ENHANCED DIVERSITY ROUTING (Continued)

Example 1: The Customer has four IOCs and specifies that IOC No. 1 and IOC No. 2 be diversely routed. The relationship pair is 1&2. Two EDR monthly and installation charges apply, one for each IOC in the relationship pair. EDR charges will not apply to IOC Nos. 3 and 4.

Example 2: The Customer has four IOCs and specifies that IOC Nos. 1 and 2 be diversely routed from IOC Nos. 3 and 4. The IOC relationship pairs are 1&3, 2&4, 1&4, 2&3. Eight EDR monthly and installation charges apply, one for each IOC in the relationship pair.

Example 3: The customer has three IOCs and specifies that each of the IOCs be diversely routed. The IOC relationship pairs are 1&2, 1&3, 2&3. Six EDR monthly and installation charges apply, one for each IOC in the relationship pair.

Example 4: The Customer has two IOCs and specifies that IOC No. 1 be diversely routed from IOC No. 2. Central Office B is the only T1.5 POP in the LATA; Customer requests partial enhanced diversity routing. The IOC relationship pair is 1&2. Two EDR monthly and installation charges apply, one for each IOC in the relationship pair.

1. RATES

Enhanced Diversity Routing rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.2 SERVICE COMPONENTS AND RATES (Continued)

7.2.4 OFFICE FUNCTIONS

A. TRANSFER ARRANGEMENT

A transfer arrangement enables a Customer to transfer a DS1 channel between two other DS1 channels.

An office connection is required for each DS1 channel connected to a transfer arrangement.

A key-activated control channel or IXN Control Arrangement (see Section 12.3.1 following) is required to operate the transfer arrangement. The control channel must be provided from the AT&T Central Office to the control location of the Customer. The key and channel must be provided by the Customer. The control channel will require an office connection. Access to the IXN Control Arrangement requires a dial up data station at the AT&T Central Office.

Transfer Arrangement rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.2 SERVICE COMPONENTS AND RATES (Continued)

7.2.4 OFFICE FUNCTIONS (Continued)

B. M-24 MULTIPLEXING

The M-24 Multiplexing office function permits the derivation of up to 24 channels from an ACCUNET T1.5 Service.

The M-24 Multiplexing office function, when connected to an ACCUNET T1.5 Service and used in conjunction with an M-24 Multiplexing office function in the same or at another AT&T Central Office, or with compatible Customer-provided multiplexing equipment located at a Customer's premises, provides for the derivation of up to 24 channels at the AT&T Central Office(s). A non-recurring office connection charge applies to each derived channel ordered or rearranged subsequent to the initial installation of the M-24 Multiplexing office function. The non-recurring office connection charges do not apply to any derived channels installed concurrently with the initial installation of the M-24 Multiplexing Office Function.

Voice grade channels derived at the Central Office may be connected to a switched or non-switched voice grade service in the same or different rate center area. Digital channels derived at the Central Office may be connected to another digital service in the same AT&T Central Office. AT&T does not warrant the quality of transmission on every possible interconnection.

Customer-provided multiplexing used in conjunction with an M-24 Multiplexing office function must transmit a standard D-type formatted 1.544 Mbps signal as described in Technical Publication-PUB 43801. The Customer is responsible for furnishing the signaling for the derived voice grade applications at its premises. Signaling requirements for the digital channels are described in Technical Publication-PUB 41458. When the M-24 Multiplexing office function is used to provide intermediate bit rates for ASDS, Customer-provided multiplexing must transmit signal format in accordance with specifications described in Technical Publication-PUB 54019A, Addendum 1. (See Technical Publication Information, Sheet 17).

M-24 Multiplexing rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.2 SERVICE COMPONENTS AND RATES (Continued)

7.2.4 OFFICE FUNCTIONS (Continued)

C. (RESERVED FOR FUTURE USE)

D. DS1 SWITCH PORT

This office function provides electronic cross connection of DSO Channels to provide Customer Controlled Reconfiguration as follows:

1. CUSTOMER CONTROLLED RECONFIGURATION

Customer Controlled Reconfiguration permits the Customer to electronically rearrange DSO channels between DS1 channels. This can be done between all of a Customer's DS1 channels terminating in the same AT&T Central Office. Customer Controlled Reconfiguration requires one DS1 Switch Port for each of the office connections. In addition, Customer Controlled Reconfiguration requires Customer-provided terminal equipment and private line service or a dial-up service to send the Customer's instructions to the network control center. If the Customer elects to use dial-up services to access the network control center, an AT&T 800 Service or its equivalent is required to provide secure dial-back capability. The network control center then automatically provides the Customer with switching control and status reports.

An office connection is required for each DS1 channel connected to a DS1 Switch Port.

Customer Controlled Reconfiguration is also available for use with ACCUNET Spectrum of Digital Services as specified in Section 9.2.5.B.1 following.

Additional details are provided in Technical Publication-PUB 54015 (see Technical Publication Information, Preface, Sheet 5).

DS1 Switch Port rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

7. ACCUNET T1.5 SERVICES

7.2 SERVICE COMPONENTS AND RATES (Continued)

7.2.4 OFFICE FUNCTIONS (Continued)

E. ACCESS PROTECTION CAPABILITY

This office function provides protection against failure for a Local Channel or other access. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel when the working channel fails. The spare channel is not included and must be ordered separately. This office function also requires compatible equipment to be provided by the Customer at its premises.

Access Protection Capability rates are as specified in the Price List.

7. ACCUNET T1.5 SERVICES

7.2 SERVICE COMPONENTS AND RATES (Continued)

7.2.4 OFFICE FUNCTIONS (Continued)

E. RESERVED FOR FUTURE USE

(CT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

8. ACCUNET T45 SERVICES

8.1 GENERAL

ACCUNET T45 Services provide for the transmission of 44.736 Mbps digital signals.

ACCUNET T45 Services use a framed DS3 signal format. When used to carry Multiplexed DS1 Channels, the signal carried within the framed DS3 format must contain Extended Superframe Formatted DS1 channels, to a maximum of 28.

8.1.1 DESCRIPTION

ACCUNET T45 Services are configured by combining service components at designated AT&T Central Offices. ACCUNET T45 Inter Office Channels are furnished on a two-point basis only.

8.1.2 SIGNALS AT THE AT&T CENTRAL OFFICE

All signals carried by local channels or other access and presented to the AT&T Central Offices must meet certain signal and format constraints. These constraints are described in the following Technical Publications (see Technical Publication Information, Preface, Sheet 5.)

CB 119 - Interconnection Specification for Digital Cross Connects
PUB 43802 - Digital Multiplexes Requirements and Objectives
PUB 54014 - ACCUNET T45 Service Description and Interface Specifications
PUB 54014 - Addendum 2
PUB 54016 - Requirements for Interfacing Digital Terminal Equipment to Services Employing the Extended Superframe Format.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

8. ACCUNET T45 SERVICES

8.1 GENERAL (Continued)

8.1.3 REGULATIONS

In addition to the General Regulations in Section 2 preceding, the following apply.

A. AVAILABILITY OF ACCUNET T45 SERVICES

ACCUNET T45 Services are available from the designated AT&T Central Offices listed in AT&T Tariff F.C.C. No. 10. ACCUNET T45 Services may not be available in every LATA.

B. CREDIT ALLOWANCES FOR INTERRUPTIONS

For purposes of determining credit allowances in accordance with the regulations in 2.7 preceding, an ACCUNET T45 Service is considered to be interrupted when:

- there has been a loss of continuity, or
- 300 or more seconds of transmission containing errors occur in a 15-minute period on a DS3 level.

8.1.4 MINIMUM PAYMENT PERIOD

The minimum payment period for all ACCUNET T45 Service components is one month.

8.1.5 NOTICE OF DISCONTINUANCE

The Notice of Discontinuance for all ACCUNET T45 Service components is one month. Recurring charges will apply for a period of one month from the date the Company receives the discontinuance notice or until the requested discontinuance date, whichever period is longer. These charges will apply during this period whether or not the Customer continues to use the service.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

8. ACCUNET T45 SERVICES

8.2 SERVICE COMPONENTS AND RATES

The components of an ACCUNET T45 Service are Inter Office Channels, Office Connections and Office Functions.

Service provided to a Customer whose aggregate monthly charge is expected to be \$2,000 or more will be provided on an Individual Case Basis (ICB). Rates for services offered on an Individual Case Basis will be structured to recover the Company's cost of providing the services. Terms of specific ICB contracts will be made available to the Commission upon request on a proprietary basis. Any of the Company's service rates may be revised, discontinued or supplemented from time to time, in accordance with applicable law and the rules, regulations and orders of the Commission.

8.2.1 INTER OFFICE CHANNEL

An ACCUNET T45 Inter Office Channel (IOC) is a channel between two AT&T Central Offices, points of connection, or a combination thereof, on the Company's digital fiber optic network or on terrestrial digital facilities at the discretion of the Customer when fiber optic facilities are not available.

A. RATES

The IOC monthly recurring charge comprises two elements. A fixed element applies per channel and a mileage element applies per airline mile of the IOC.

Monthly Plan rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

8. ACCUNET T45 SERVICES

8.2 SERVICE COMPONENTS AND RATES (Continued)

8.2.2 OFFICE CONNECTIONS

A. ACCESS CONNECTION

An Access Connection provides the function, at an AT&T Central Office, of connecting Local Channels obtained from the Private Line Services Tariff, P.S.C. Mo. No. 24, or other access to an IOC, office function, another Local Channel, other access or a service as specified in 3.3.2, preceding. One access connection applies for each Local Channel or other access connected.

Access Connection rates are as specified in the Price List.

B. FUNCTION CONNECTION

A function connection provides the function, at an AT&T Central Office, of connecting an office function to an IOC, another office function, or a service as specified in 3.3.2, preceding, or of connecting an IOC to a service as specified in 3.3.2, preceding.

Function Connection rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

8. ACCUNET T45 SERVICES

8.2 SERVICE COMPONENTS AND RATES (Continued)

8.2.3 OFFICE FUNCTIONS

A. M28 MULTIPLEXING

The M28 Multiplexing Office Function provides for the derivation/combination of up to 28 DS1 channels from/into a 44.736 Mbps digital signal carried by an ACCUNET T45 IOC, a Terrestrial 45 Mbps Local Channel Service (from the Private Line Services Tariff, P.S.C. Mo. No. 24), or other access.

The M28 Multiplexing Office Function is used in conjunction with another M28 Multiplexing Office Function in the same or at another AT&T Central Office, or with compatible Customer-provided multiplexing equipment located at the Customer's premises. Customer-provided multiplexing used in conjunction with ACCUNET T45 Service must transmit a standard DS3 type formatted 44.736 Mbps signal as described in Technical Publication-PUB 43802 (see Technical Publication Information, Preface, Sheet 5).

An ACCUNET T45 Office Connection is required to connect the 44.736 Mbps digital signal to this Office Function. In addition, ACCUNET T1.5 Office Connections are required to connect each DS1 channel to this office function.

M28 Multiplexing rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

8. ACCUNET T45 SERVICES

8.2 SERVICE COMPONENTS AND RATES (Continued)

8.2.3 OFFICE FUNCTIONS (Continued)

B. NETWORK PROTECTION CAPABILITY (NPC)

This office function provides protection against failure for an Inter Office Channel (IOC). Protection is furnished through the use of a switching arrangement that automatically switches to a separately routed, terrestrial digital protection channel when the working channel fails. The protection channel and the switching arrangement are provided when NPC is ordered.

NPC is offered where facilities are available. If NPC for the entire facility is not available when ordered, or becomes unavailable due to network arrangements, NPC may, at the Customer's request, only be furnished on a partial basis. The Customer will be advised before partial NPC is provided and may cancel or discontinue the NPC if partial NPC is not acceptable. No cancellation charge will apply if the facilities are not available or the Customer does not accept the partial NPC.

Network Protection Capability rates are as specified in the Price List.

C. ACCESS PROTECTION CAPABILITY

This office function provides protection against failure of a Local Channel or other access. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel when the working channel fails, as described in Technical Publication-PUB 54014, Addendum 2 (see Technical Publication Information, Preface, Sheet 5). The spare channel is not included and must be ordered separately. This office function also requires compatible equipment to be provided by the Customer at its premises.

Access Protection Capability rates are as specified in the Price List.

P.S.C. Mo. No. 23
AT&T COMMUNICATIONS OF THE SOUTHWEST, INC.

PRIVATE LINE SERVICES TARIFF-SCHEDULE 9

Section 8
1st Revised Sheet 6
Replacing Original Sheet 6

8. ACCUNET T45 SERVICES

8.2 SERVICE COMPONENTS AND RATES (Continued)

8.2.3 OFFICE FUNCTIONS (Continued)

B. RESERVED FOR FUTURE USE

(CT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

C. RESERVED FOR FUTURE USE

(CT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

(RT)

8. ACCUNET T45 SERVICES

8.2 SERVICE COMPONENTS AND RATES (Continued)

8.2.4 CHANNEL OPTIONS

Channel Options are features added to a channel to change or augment its transmission characteristics.

A. ENHANCED DIVERSITY ROUTING

Under this option, two or more ACCUNET T45 IOCs are furnished entirely over physically and electrically separated transmission paths, such that a failure at one geographic location will not cause the loss of both paths. The Enhanced Diversity Routing (EDR) is offered where separate facilities are available, subject to routing or performance constraints resulting from the diverse routing and made known to the Customer prior to ordering. If complete EDR is not available when ordered, or if it becomes unavailable at a later date due to network rearrangements, EDR may be furnished on a partial basis only at the Customer's request. The Customer will be advised before partial EDR is provided and may cancel or discontinue the EDR option if the partial EDR is not acceptable. No cancellation charge will apply if the facilities are not available or the Customer does not accept the partial EDR. When EDR is ordered, an installation charge and a monthly charge apply for each IOC in an IOC relationship pair on which EDR is provided, i.e., IOC No. 1 is diverse from IOC No. 2.

Example 1: The Customer has four IOCs and specifies that IOC No. 1 and IOC No. 2 be diversely routed. The relationship pair is 1&2. Two EDR monthly and installation charges apply, one for each IOC in the relationship pair. EDR charges will not apply to IOC Nos. 3 and 4.

Example 2: The Customer has four IOCs and specifies that IOC Nos. 1 and 2 be diversely routed from IOC Nos. 3 and 4. The IOC relationship pairs are 1&3, 2&4, 1&4, 2&3. Eight EDR monthly and installation charges apply, one for each IOC in the relationship pair.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

8. ACCUNET T45 SERVICES

8.2 SERVICE COMPONENTS AND RATES (Continued)

8.2.4 CHANNEL OPTIONS (Continued)

A. ENHANCED DIVERSITY ROUTING (Continued)

Example 3: The Customer has three IOCs and specifies that each of the IOCs be diversely routed. The IOC relationship pairs are 1&2, 1&3, 2&3. Six EDR monthly and installation charges apply, one for each IOC in the relationship pair.

Example 4: The Customer has two IOCs and specifies that IOC No. 1 be diversely routed from IOC No. 2. Central Office B is the only T45 POP in the LATA; Customer requests partial enhanced diversity routing. The IOC relationship pair is 1&2. Two EDR monthly and installation charges apply, one for each IOC in the relationship pair.

Enhanced Diversity Routing rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

P.S.C. Mo. No. 23
AT&T COMMUNICATIONS OF THE SOUTHWEST, INC.
PRIVATE LINE SERVICES TARIFF-SCHEDULE 9

Section 9
Original Sheet 1
Missouri Public

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

REC'D NOV 26 2002

9.1 GENERAL

ACCUNET Spectrum of Digital Services (ASDS) affords a customer an opportunity to select channels at various digital speeds for end-to-end communications arrangements when connected to access or appropriate office functions. ASDS offers point-to-point and multi-point connections between specified AT&T Central Offices in the State of Missouri.

9.1.1 DESCRIPTION

ASDS is suitable for the transmission of digitally-encoded voice band signals or simultaneous two-way transmission of data at synchronous speeds of 9.6, 56 or 64 kbps, or a combination of 64 kbps signals to achieve speeds of 128 kbps, 192 kbps, 256 kbps, 320 kbps, 384 kbps, 448 kbps, 512 kbps 576 kbps, 640 kbps, 704 kbps or 768 kbps. (See Technical Publication Information, Preface, Sheet 5)

9.1.2 REGULATIONS

In addition to the regulations in this tariff, Sections 2 and 13, the following apply:

A. AVAILABILITY OF ASDS

ASDS is available from the AT&T Central Offices listed as ASDS Central Offices in Tariff F.C.C. No. 10. ASDS may not be available in every LATA or to all rate center areas within a LATA and is dependent on the availability of suitable access.

B. CREDIT ALLOWANCES FOR INTERRUPTIONS

For purposes of determining credit allowances, in accordance with the regulations in Section 2.7 preceding, ASDS is considered to be inoperative when there has been a loss of continuity, or when 300 or more seconds of transmission errors occur in a 15-minute period.

CANCELLED

JUL 01 2003
by *LRSI*
Public Service Commission
MISSOURI

Missouri Public
Service Commission

FILED DEC 26 2002

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.1 GENERAL

ACCUNET Spectrum of Digital Services (ASDS) affords a Customer the opportunity to select channels at various digital speeds for end-to-end communications arrangements when connected to access or appropriate office functions. ASDS offers point-to-point and multi-point connections between specified AT&T Central Offices in the State of Missouri.

9.1.1 DESCRIPTION

ASDS is suitable for the transmission of digitally-encoded voice band signals or simultaneous two-way transmission of data at synchronous speeds of 9.6, 56 or 64 kbps, or a combination of 64 kbps signals to achieve speeds of 128 kbps, 192 kbps, 256 kbps, 320 kbps, 384 kbps, 448 kbps, 512 kbps, 576 kbps, 640 kbps, 704 kbps or 768 kbps. (See Technical Publication Information, Preface, Sheet 5). AT&T is introducing ACC Business intrastate private line products. All terms and conditions, rates and charges are identical to the existing AT&T ACCUNET⁷ Spectrum of Digital Services offered in this tariff.

(AT)
|
|
(AT)

9.1.2 REGULATIONS

In addition to the regulations in this tariff, Sections 2 and 13, the following apply:

A. AVAILABILITY OF ASDS

ASDS is available from the AT&T Central Offices listed as ASDS Central Offices in Tariff F.C.C. No. 10. ASDS may not be available in every LATA or to all rate center areas within a LATA and is dependent on the availability of suitable access.

B. CREDIT ALLOWANCES FOR INTERRUPTIONS

For purposes of determining credit allowances, in accordance with the regulations in Section 2.7 preceding, ASDS is considered to be inoperative when there has been a loss of continuity, or when 300 or more seconds of transmission errors occur in a 15-minute period.

Issued: May 30, 2003

Effective: July 1, 2003

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.1 GENERAL (Continued)

9.1.2 REGULATIONS (Continued)

C. INSTALLATION CHARGE WAIVER

Installation charges will be waived for the Access Connection, Function Connection, D6 Interoffice Channel (IOC) Data Conditioning and the Local Channel and Access Coordination Function provided under AT&T's Tariff P.S.C. Mo. No. 24 for Customers who order new ACCUNET Spectrum of Digital Service (ASDS) with IOC, used in conjunction with Voice Grade Local Channel Service (VGLC), or ACCUNET Generic Digital Access Service (GDA). Installation charges for the Voice Grade Local Channel C and D Type Data Conditioning are included.

In order for a Customer to qualify for the waived installation charges when ordering a new Terrestrial 1.544 Mbps Local Channel Service, the Terrestrial 1.544 Local Channel Service must be connected through the M24 multiplexing office function to a minimum of one new ASDS IOC at speeds of 128 kbps and above or to a minimum of two new ASDS IOCs at speeds of between 56 kbps and 64 kbps and the IOCs must be ordered simultaneously with the new Terrestrial 1.544 Mbps Local Channel Service.

Excluded from the installation charge waiver are:

- IOC or Local Channel signaling capability
- Replacement of existing service with a service of the same type and speed
- Additions to and/or rearrangements to existing services
- Digital Data Local Channels

A Customer who discontinues service prior to 12 full months will be billed for the waived charges.

However, a Customer may discontinue service without liability for waived charges to (1) replace a service with Regional Frame Relay Service provided under AT&T's Tariff P.S.C. Mo. No. 24, (2) replace a Voice Grade Local Channel Service with a digital service or (3) replace a digital service with a new digital service of a higher speed.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.1 GENERAL (Continued)

9.1.2 REGULATIONS (Continued)

D. CONNECTION TO OTHER SERVICES

When ASDS is connected to other services as indicated below, the design objective applies only to the ASDS.

1. LOCAL CHANNEL SERVICES OR OTHER ACCESS

Voice Grade, 9.6 kbps Digital Data or 9.6 kbps with the Secondary Channel Option, 56 kbps Digital Data or 56 kbps with the Secondary Channel Option, ACCUNET Generic Digital Access Service, Terrestrial 1.544 Mbps and Terrestrial 45 Mbps Local Channel Services, or other access, may be connected to ASDS at an AT&T Central Office.

The availability of Local Channel Services to connect to ASDS is as follows:

Voice Grade - available at those ASDS Central Offices designated in AT&T Tariff F.C.C. No. 10 which also offer Voice Grade Services. These local channels are for connection only to 56/64 kbps ASDS.

9.6 kbps Digital Data - available at ASDS Central Offices which also offer DATAPHONE Digital Services.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.1 GENERAL (Continued)

9.1.2 REGULATIONS (Continued)

D. CONNECTION TO OTHER SERVICES (Continued)

1. LOCAL CHANNEL SERVICES OR OTHER ACCESS (Continued)

56 kbps Digital Data - available at ASDS Central Offices which also offer DATAPHONE Digital Services.

GDA - available at ASDS Central Offices where digital access is available.

Terrestrial 1.544 Mbps- available at all ASDS Central Offices which also offer Terrestrial 1.544 Mbps Services.

Terrestrial 45 Mbps - available at ASDS central offices on an individual case basis as set forth in the Private Line Services Tariff, P.S.C. Mo. No. 24, Section 7.

Because local channels at digital speeds above 56/64 kbps are not available, when ASDS is furnished at digital speeds above 56/64 kbps, only Terrestrial 1.544 Mbps or Terrestrial T45 local channels can be used for access and the connection must be made through M-24 Multiplexing office functions.

When Terrestrial 1.544 access is used with ASDS, it must be in a framed DS1 format. When Terrestrial 45 Mbps access is used with ASDS, it must be in a framed DS3 format. When used to carry multiplexed DS1 channels, the signal carried within the framed DS3 format must contain Extended Superframe formatted DS1 channels to a maximum of 28.

For each connection of a Local Channel Service or other access to ASDS, an access connection is required.

9.1.3 MINIMUM PAYMENT PERIOD

The minimum payment period for ASDS components is one month.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.1 GENERAL (Continued)

9.1.4 NOTICE OF DISCONTINUANCE

The Notice of Discontinuance for all ASDS components is 15 days. Recurring charges apply for a period of 15 days from the date AT&T receives the discontinuance notice or until the requested discontinuance date, whichever is longer. The charges will apply whether or not the Customer continues to use the service.

9.1.5 CANCELLATION CHARGE

A cancellation charge will apply, per component, for service orders canceled by the Customer on or after the SID at the rates following:

Cancellation Charge Schedule for ACCUNET Spectrum of Digital Services is as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.1 GENERAL (Continued)

9.1.6 MULTISERVICE VOLUME PRICING PLAN*

A Multiservice Volume Pricing Plan (MSVPP) is available as an alternative to conventional monthly or fixed rate plans for the Inter Office Channel, office functions (with the exception of miscellaneous services as specified in Section 12), and channel options of ACCUNET T1.5 Service and ACCUNET Spectrum of Digital Services (9.6 kbps, 56 kbps and 64 kbps). In exchange for a minimum monthly revenue commitment for a period of one, two, three, four or five years, the Customer is given a reduced rate (see Section 9.2.1.A.1 for applicable discount). The minimum monthly revenue commitment is based on the recurring charges for all ACCUNET T1.5, ACCUNET T45 and ACCUNET Spectrum of Digital Services components included in the monthly plan(s). The discount (if applicable) is fixed for the commitment period. The service components associated with the MSVPP are identified on the Customer's bill.

A. MSVPP STRUCTURE

A MSVPP may include one or more of a Customer's service components associated with ACCUNET T1.5 Service and ACCUNET Spectrum of Digital Services (9.6 kbps, 56 kbps and 64 kbps).

B. MSVPP COMMITMENT AND PLAN FLEXIBILITY

The revenue commitment made by the Customer consists of total monthly billing, i.e., the monthly per channel charge (fixed and mileage sensitive charges) and the monthly charges for all other components included in the plan. A service order is required for each change to a MSVPP.

*Multiservice Volume Pricing Plan may not be ordered after July 18, 2001.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.1 GENERAL (Continued)

9.1.6 MULTISERVICE VOLUME PRICING PLAN (Continued)

B. MSVPP COMMITMENT AND PLAN FLEXIBILITY (Continued)

A Customer may decrease its minimum monthly revenue commitment to the next lower level, without liability, if the sum of the fixed per channel charges, mileage sensitive charges, and monthly recurring charges falls below the minimum monthly revenue commitment because:

1. The Company reduces the applicable rates for one or more of the services included in the MSVPP.
2. The Customer replaces one service with another service of equal or greater transmission speed that may be included in the MSVPP, e.g., ACCUNET T1.5 for ASDS 56 kbps.
3. The Customer enters into a new plan for replacement services and the expiration date of the new plan is on or after the expiration date of the MSVPP.

The actual billing in each month will be the sum of the fixed and mileage sensitive charges associated with the Inter Office Channel, and the monthly charges for all other service components included in the MSVPP less the appropriate discount. If the sum of the charges falls below the minimum monthly revenue commitment, the actual billing will be the minimum monthly commitment revenue less the appropriate discount(s) applied to the actual charges for each service.

C. DISCONTINUANCE OF A MSVPP - WITHOUT LIABILITY

The Customer may discontinue a MSVPP at any time during the life of the plan without liability under the following condition:

1. The Customer enters into a replacement plan for other Company services or a new MSVPP, either of which has an equal or greater revenue commitment, provided the expiration date of the new plan is on or after the expiration date of the unexpired plan.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.1 GENERAL (Continued)

9.1.6 MULTISERVICE VOLUME PRICING PLAN (Continued)

D. DISCONTINUANCE OF A MSVPP - WITH LIABILITY

Discontinuance of a MSVPP for reasons other than those stated in 9.1.6.C above, prior to the expiration of the applicable term, will result in Customer liability as specified below:

1. For a MSVPP discontinued prior to the completion of the first year of service, the Customer is liable for 100 percent of the non-discounted MSVPP minimum monthly revenue commitment for the unexpired portion of the first year of service plus 50 percent of the non-discounted MSVPP minimum monthly revenue commitment for the remaining portion of the applicable term.
2. For a MSVPP discontinued after the completion of the first year of service, the Customer is liable for 50 percent of the non-discounted MSVPP minimum monthly revenue commitment for the unexpired portion of the applicable term.

Payment of the total amounts owed by the Customer under this regulation is due within thirty days of the date the plan is discontinued.

E. EXPIRATION AND RENEWAL OF A MSVPP

Upon expiration of a MSVPP, the Customer has the option to obtain any MSVPP available or to obtain service under a monthly, fixed rate or other available plan.

The Customer may renew service under a new MSVPP or obtain service under a fixed rate plan by notifying the Company in writing any time prior to the expiration of the current MSVPP.

To continue the same service under monthly rates, no action is required on the part of the Customer. Upon expiration of a MSVPP, and unless notification to the contrary is received, the Customer's service will automatically be continued at rates specified under the monthly rate plan in effect at that time. In this case, the Customer will be considered to have satisfied the one-month minimum period.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.1 GENERAL (Continued)

9.1.7 SELECT SAVINGS PLAN (SSP)

Select Savings Plan (SSP) with terms from one to five years are available as an alternative to conventional monthly rates for ASDS Inter Office Channels (IOCs) and service components. In exchange for a term commitment on each individual service, the customer is given monthly rates that are discounted for the duration of the term. Rates may change from time to time however, the discount levels applied will not change during the term of the plan.

Components disconnected from a service under a plan will not affect the discount of the remaining portion of the service.

Non-recurring charges will not be discounted. When a customer requests service, the non-recurring charges will be applied based on the rates in effect on the date that the service order is completed by AT&T.

A. SELECT SAVINGS PLAN STRUCTURE

A SSP will include all ASDS service components with the exception of signaling capability and transfer arrangements.

The plan will be available in one month increments from twelve months (one year) through sixty months (five years). The discount is fixed for the life of a plan. Monthly rates for all months will be discounted based on the term commitment as follows:

| <u>Term commitment</u> | <u>Discount</u> |
|------------------------|-----------------|
| 12-23 Months | 10% |
| 24-35 Months | 12% |
| 36-60 Months | 14% |

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.1 GENERAL (Continued)

9.1.7 SELECT SAVINGS PLAN (Continued)

B. SELECT SAVINGS PLAN COMMITMENT AND PLAN RESTRICTIONS

The customer must commit each individual service into a SSP. Each service must include all AT&T Private Line Services Tariff - Schedules 9 and 11 components under a plan. Both existing and new services are eligible. The following are not eligible for inclusion in a SSP:

- Existing circuits included in a Multiservice Volume Pricing Plan (MSVPP)
- Individual Case Basis (ICB) rates
- Local Channel Special Routing
- Signaling
- Transfer Arrangements
- Administrative Charges
- Non-recurring Charges

C. DISCONTINUANCE OF SELECT SAVINGS PLAN - WITHOUT LIABILITY

The customer may terminate a SSP without liability under the following conditions:

1. An ASDS Customer with 9.6 kbps or 56 kbps service and voice grade access may replace their end to end service with a new 9.6 kbps or 56 kbps service with digital access, provided the replacement service is enrolled in a SSP with an expiration date equal to or later than that of the service being replaced.
2. If the customer commits to a two, three, four or five year MSVPP with an expiration date that is equal to or later than the plan expiration dates of all services committed to SSP, the SSP will terminate on the day preceding the start date of the new MSVPP and all services previously under the SSP will become subject to the terms and conditions of the MSVPP.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.1 GENERAL (Continued)

9.1.7 SELECT SAVINGS PLAN (Continued)

C. DISCONTINUANCE OF SELECT SAVINGS PLAN - WITHOUT LIABILITY
(Continued)

3. An existing SSP service may be replaced with a new AT&T ACCUNET digital service of a higher speed, provided the replacement service, if it is ASDS, is enrolled in a SSP that has an expiration date that is equal to or later than that of the service being replaced. The installation date requested for the new ACCUNET service must be on or before the requested disconnect date of the service being replaced.
4. A customer may also move an existing SSP service to a different location(s) or change the AT&T point-of-presence provided that the installation date requested for the move and/or change is on or before the requested disconnect date, and both installation and disconnect requests are made concurrently. The moved and/or changed service will be subject to the time commitment remaining under the original SSP.
5. If the customer commits to a new twenty-four through sixty month replacement SSP with an expiration date that is 12 or more months later than the expiration date of the plan being replaced, the plan being replaced will terminate on the day preceding the start date of the new plan. The rates for the new SSP will be determined using the rates in effect at the time the customer commits to service under the new plan.

D. DISCONTINUANCE OF A SELECT SAVINGS PLAN - WITH LIABILITY

Discontinuance of a service and/or service component furnished under a SSP prior to the expiration of the applicable term will result in customer liability as follows:

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.1 GENERAL (Continued)

9.1.7 SELECT SAVINGS PLAN (Continued)

D. DISCONTINUANCE OF A SELECT SAVINGS PLAN - WITH LIABILITY
(Continued)

1. For service discontinued prior to the completion of the specified term plan the customer is liable for a percentage of the total undiscounted fixed monthly rates for the remaining portion as follows:

| <u>Remaining Portion</u> | <u>IOC Liability</u> |
|--------------------------|----------------------|
| 1-12 months | 50% |
| 13-24 months | 40% |
| 25-36 months | 30% |
| 37-48 months | 20% |
| 49-60 months | 10% |

Payment of the total amounts owed by the customer under this regulation are due within 30 days of the date the plan is discontinued.

The following examples illustrate how the customer will be charged for early discontinuance:

Examples

- (a) A 12 month plan is established for a two-point service but the service is disconnected prior to the end of the 9th month. Discontinuance charges will be calculated at 50% of the monthly charges for the remaining portion of the 9th month and all of months 10-12.
- (b) A 30 month plan is established for a two-point service but the service is disconnected prior to the end of the 22nd month. Discontinuance charges will be calculated at 40% of the monthly charges for the remaining portion of the 22nd month and for all of month 23-24. In addition, discontinuance charges will be calculated at 30% for months 25-30.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.1 GENERAL (Continued)

9.1.7 SELECT SAVINGS PLAN (Continued)

D. DISCONTINUANCE OF A SELECT SAVINGS PLAN - WITH LIABILITY
(Continued)

- (c) A 60 month plan is established for a multipoint service but the service is disconnected prior to the end of the 40th month. Discontinuance charges will be calculated at 20% of the remaining portion of the 40th month and for all of months 41-48. In addition, discontinuance charges will be calculated at 10% for months 49-60.
- (d) A 24 month plan is established for a multipoint service but one location is disconnected prior to the end of the 6th month. Discontinuance charges for all service components associated with the disconnected location will be calculated at 50% for the remaining portion of the 6th month and all of months 7-12. In addition, for the disconnected service components, discontinuance charges will be calculated at 40% for months 13-24. No discontinuance charges are applied to the service components that remain in service at all of the other circuit locations.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.1 GENERAL (Continued)

9.1.7 SELECT SAVINGS PLAN (Continued)

E. EXPIRATION AND RENEWAL OF A SELECT SAVINGS PLAN

Upon expiration of a SSP, the customer has the option to obtain a new SSP, any MSVPP or other available plan or to obtain service under conventional monthly rates.

If the customer chooses to subscribe to a new SSP, the start date of the new plan may not be earlier than the day following the expiration date of the former plan.

To continue the same service under monthly rates, no action is required on the part of the customer. Upon expiration of the SSP, and unless notification to the contrary is received, the customer's service will automatically be continued at rates specified under the monthly rate plan in effect at that time.

The customer may renew service under a new SSP or obtain service under a MSVPP by notifying AT&T in writing anytime prior to the expiration of the current Select Savings Plan.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES

9.2.1 INTER OFFICE CHANNEL (IOC)

IOCs are available between AT&T ASDS Central Offices.

A. RATES

The monthly charge for an IOC includes a fixed rate and a mileage sensitive rate. A Multiple Channel Pricing discount may apply to 9.6 kbps and 56/64 kbps IOCs as specified in a. following. (See Pricing Examples and Calculations, Section 5, preceding).

Rates for ASDS are as specified in the Price List.

1. MULTISERVICE VOLUME PRICING PLAN (MSVPP)

For a MSVPP, the actual billing will be the sum of the fixed and mileage sensitive charges associated with the IOC and the monthly charges for all other service components included in the MSVPP less the appropriate discount. If the sum of the charges falls below the minimum monthly revenue commitment, the actual billing will be the minimum monthly commitment revenue less the appropriate discount(s) applied to the actual charges for each service. (See Pricing Examples and Calculations, Section 5, preceding).

(a) MSVPP Discount rates are as specified in the Price List.

2. MULTIPLE CHANNEL PRICING DISCOUNT

Multiple Channel Pricing (MCP) is available as a discount to conventional monthly rate plans for subrate 9.6 kbps or DSO 56/64 kbps Inter Office Channels. MCP provides a discount for two or more two-point IOCs located between the same AT&T Central Offices, where each IOC has a digital office function obtained from this schedule at each end, e.g., M-24 Multiplexing office function, transfer arrangements, Subrate Data Multiplexing or Customer Controlled Reconfiguration.

a. MCP Discount rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.1 INTER OFFICE CHANNEL (IOC) (Continued)

B. CALCULATION OF CHARGES (Continued)

Example 1:

A Customer orders four ASDS 64 kbps channels between AT&T Central Offices that are 238 miles apart.

| | |
|--|-------------------|
| 238 x the per mile rate for a 56/64 kbps Channel (\$.34) x 4 | \$ 323.68 |
| Add the Fixed Rate (\$261.22) x 4 | <u>\$1,044.88</u> |
| Total Monthly IOC Charge | \$1,368.56 |

Example 2 (MCP Discount):

A Customer has six ASDS 56 kbps IOCs between the AT&T Central Office in Kansas City and the AT&T Central Office in St. Louis. Four of the six IOCs have office functions from this schedule at both offices and qualify for the MCP Discount. The MCP Discount is applied as follows:

| | |
|----------------------------------|-----------------|
| Fixed Rate | \$ 261.22 |
| Mileage Rate (238 miles x \$.34) | <u>\$ 80.92</u> |
| Total Charge Per IOC | \$ 342.14 |
| x 6 IOCs | <u>X 6</u> |
| Total Charge | \$2,052.84 |

The total non-discounted charge for the above service is \$2,052.84. The MCP discount is applied as follows:

| | |
|--|------------------|
| Total ASDS charge before discount | \$2,052.84 |
| Discount on 4 qualifying IOCs (8.0% x \$1,368.56) | <u>\$ 109.48</u> |
| Total ASDS Charge | \$1,943.36 |

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.2 OFFICE CONNECTIONS

A. ACCESS CONNECTION

An access connection provides the function, at an AT&T Central Office, of connecting Local Channels obtained from this tariff or other access to an IOC, office function, another Local Channel, or other access. One access connection applies for each Local Channel or other access.

Access Connection rates are as specified in the Price List.

B. FUNCTION CONNECTION

A function connection provides the function, at an AT&T Central Office, of connecting an office function to an IOC or another office function.

Function Connection rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.3 CHANNEL OPTIONS

Channel options are features added to a channel to change or augment its transmission characteristics. The channel options available on ASDS are signaling capability, conditioning, customer requested echo control, and special routing.

A. SIGNALING CAPABILITY

Signaling is the process by which one location alerts another location on the same channel or network that it wishes to communicate. Signaling capability permits signals to be transmitted over a service but does not include the capability to initiate or receive those signals. (For services using Feature Group A or B Switched Access Channels, the interface with switching equipment is referred to as the open end and the interface with the station is referred to as the closed end.) Signaling capability for ASDS is provided as part of the access. For operational compatibility, access signaling arrangements must be compatible at each end of ASDS.

Information regarding interface codes and protocol codes can be found in Technical Publications - PUB 43202 and PUB 62210 (see Technical Publication Information, Preface, Sheet 5).

1. LOOP START LOOP SIGNALING

Loop Start Loop Signaling is used for off-premises stations, trunk to station tie lines, and other services which use switching equipment at one end and other terminal equipment (e.g., in a handset) at the other end. This signaling arrangement is designed to pass an open loop (idle condition) or closed loop (seized condition) from the station to the switching equipment. It will transmit dial pulse or multifrequency pulsing signals from the station to the switching equipment, and dial tone and 20 Hertz ringing from the switching equipment to the station.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.3 CHANNEL OPTIONS (Continued)

A. SIGNALING CAPABILITY (Continued)

2. GROUND START LOOP SIGNALING

Ground Start Loop Signaling is used for services which use Central Office switching equipment on the open end and a PBX on the closed end to provide a PBX to central office trunk.

In the operation of this arrangement, the closed end provides a closed loop and momentary ground for the ring conductor as a seizure. The open end provides a ground on the tip and battery on the ring as a seizure. This arrangement will transmit dial tone and 20 Hertz ringing from the open end to the closed end, and will transmit dial pulses or multifrequency pulsing address signals from the closed end to the open end.

3. E&M SIGNALING INTERFACE

The E&M Signaling Interface consists of two leads, the E lead and the M lead. The E lead generally receives supervision and pulsing from the distant interface. The M lead generally transmits supervision and pulsing toward the distant interface. This signaling arrangement is used for registered or grandfathered switching equipment tie trunks.

4. TWO-POINT AUTOMATIC RINGDOWN SIGNALING ARRANGEMENTS LOOP CLOSURE INTERFACE

In this signaling arrangement, the calling station activates 20 Hertz ringing by providing a tip to ring conductor short as an off-hook signal. The 20 Hertz ringing operates a bell or relay at the distant station. Loop Closure interface is used for handset, key set, switchboard and console terminations.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.3 CHANNEL OPTIONS (Continued)

A. SIGNALING CAPABILITY (Continued)

5. MANUAL SIGNALING ARRANGEMENTS FOR TWO-POINT OR MULTIPOINT SERVICES 20 HERTZ INTERFACE

In this signaling arrangement, the calling station transmits 20 Hertz ringing activated by the operation of a key or a button. The 20 Hertz ringing activates a bell or relay at the distant station. In the multipoint application, all stations receive the ring from the calling location.

6. MANUAL SIGNALING ARRANGEMENT WITH CODE SELECTION FOR MULTIPOINT SERVICES

This signaling arrangement is similar to the Manual Signaling Arrangement for Two-Point Services except that the calling station can select a single distant station or group of stations by keying one of nine predetermined codes. Only the station or stations called will respond to the ringing current.

7. LOOP REVERSE BATTERY

This signaling arrangement changes the signaling state when the battery and ground on the tip and ring are reversed. This arrangement is typically used on PBX and Centrex tie trunks.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.3 CHANNEL OPTIONS (Continued)

A. SIGNALING CAPABILITY (Continued)

8. SIGNAL RANGE EXTENSION

Signal Range Extension is required when a private line service (arranged for loop start dial signaling) is used as an off-premises station. There are three types:

- Type A is furnished for use with Class A PBX (or similar) station ports capable of operation over loops with resistance in the range of 0-199 ohms.
- Type B is furnished for use with Class B PBX (or similar) station ports capable of operation over loops with resistance in the range of 200-899 ohms.
- Type C is furnished for use with Class C PBX (or similar) station ports capable of operation over loops with resistance in the range of 900 ohms or more.

Rates for Signaling Capability are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.3 CHANNEL OPTIONS (Continued)

B. CONDITIONING

Conditioning provides more specific transmission characteristics for ASDS connected to voice grade access or to appropriate office functions. The following types of conditioning apply to end-to-end services, using voice grade access with the proper conditioning option selected. The conditioning parameters stated are based on the assumption that the access will meet the conditioning parameters set forth in the Local Exchange Companies' access service tariffs.

1. DATA CONDITIONING

There are two types of data conditioning: C-Type and D-Type conditioning. C-Type conditioning controls attenuation distortion and envelope delay distortion; D-Type conditioning controls the signal to C-notched noise ratio and intermodulation distortion and, for D-6 conditioning, also controls phase jitter, attenuation distortion and envelope delay distortion. C-Type and D-Type conditioning may be combined on the same channel.

a. C-TYPE CONDITIONING

This conditioning is for the additional control of attenuation distortion and envelope delay distortion. The parameters for C-Type conditioning are described in Tariff Publication-PUB 43202. Only one kind of C-Type conditioning may be applied to an ASDS.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.3 CHANNEL OPTIONS (Continued)

B. CONDITIONING (Continued)

1. DATA CONDITIONING (Continued)

a. C-TYPE CONDITIONING (Continued)

(1) C-1 CONDITIONING

For two-point channels not arranged for switching.
Rates are as specified in the Price List.

(a) For multipoint channels not arranged for
switching. Rates are as specified in the Price
List.

(b) C-1 CONDITIONING

For two-point channels arranged for switching at
an AT&T Central Office. Rates are as specified
in the Price List.

(2) C-2 CONDITIONING

For two-point channels not arranged for switching.
Rates are as specified in the Price List.

(a) C-2 CONDITIONING

For multipoint channels not arranged for
switching. Rates are as specified in the Price
List.

(b) C-2 CONDITIONING

For two-point channels arranged for switching at
an AT&T Central Office. Rates are as specified
in the Price List.

(c) C-2 CONDITIONING

For multipoint channels arranged for switching.
Rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.3 CHANNEL OPTIONS (Continued)

B. CONDITIONING (Continued)

1. DATA CONDITIONING (Continued)

a. C-TYPE CONDITIONING (Continued)

(3) C-3 CONDITIONING

For switched network interoffice access lines. Rates are as specified in the Price List.

(a) C-3 CONDITIONING

For switched network trunks. Rates are as specified in the Price List.

(4) C-4 CONDITIONING

C-4 conditioning is available for two-point channels. Rates are as specified in the Price List.

(a) C-4 CONDITIONING

For multipoint channels consisting of not more than four AT&T Customer's premises. Rates are as specified in the Price List.

(5) C-5 CONDITIONING

C-5 conditioning is available for two-point channels. Rates are as specified in the Price List.

(6) C-7 CONDITIONING

C-7 conditioning is available for two-point channels. Rates are as specified in the Price List.

(7) C-8 CONDITIONING

C-8 conditioning is available for two-point channels. Rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.3 CHANNEL OPTIONS (Continued)

B. CONDITIONING (Continued)

1. DATA CONDITIONING (Continued)

b. D-TYPE CONDITIONING

This conditioning is for the control of signal to C-notched noise ratio and intermodulation distortion. In addition, D-6 conditioning controls phase jitter, attenuation distortion and envelope delay distortion. D-Type conditioning is available as described following.

The signal to C-notched noise ratio, intermodulation distortion, phase jitter, attenuation distortion and envelope delay distortion parameters for D-Type conditioning are described in Technical Publication-PUB 43202.

When a service equipped with D-Type conditioning is used for voice communications, the quality of the voice transmission may not be satisfactory.

(1) D-1 CONDITIONING

For services not arranged for switching and for services arranged for through switching. Rates are as specified in the Price List.

(2) D-2 CONDITIONING

For a two-point channel arranged for switching at an AT&T Central Office. Rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.3 CHANNEL OPTIONS (Continued)

B. CONDITIONING (Continued)

1. DATA CONDITIONING (Continued)

b. D-TYPE CONDITIONING (Continued)

(3) D-5 CONDITIONING

For polled multipoint data services not arranged for switching. Rates are as specified in the Price List.

(4) D-6 CONDITIONING

For two-point services not arranged for switching. Local channels or other access connected to an IOC equipped for D-6 conditioning must meet the parameters stated for C-1 and D-1 conditioning. Rates are as specified in the Price List.

(5) When D-Type conditioning is installed subsequent to the start of the service to which it is applied, a charge equal to the installation charge of the service itself will apply in addition to the installation charge for the D-conditioning (NRZDT).

2. TONE CONTROL CONDITIONING

Tone control conditioning adapts a service for operation and tone signal control. Tone control conditioning and Service Type 3 parameters are required for remote control services for radiotelephone. Tone control conditioning and Service Type 5 parameters are required for remote metering services when those services are used for tone signal control. Rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.3 CHANNEL OPTIONS (Continued)

C. CUSTOMER REQUESTED ECHO CONTROL

Echo control provides a Customer with the capability to minimize echo effects on ASDS with extensive channel mileages and voice grade access. Echo control will be furnished as required on IOCs. When a Customer requests echo control on an IOC whose parameters do not require it to be equipped with echo control, it will be provided at the following charges.

A Customer may also request that echo control not be provided on an IOC which normally would be equipped with echo control to meet its design objectives. No credit will be given for echo control not provided.

Customer Requested Echo Control rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.3 CHANNEL OPTIONS (Continued)

D. SPECIAL ROUTING OF AN ASDS

An ASDS is normally furnished using a channel selected by AT&T. However, special routing options are available for ASDS, excluding 9.6 kbps IOCs, when the required service components are available. These special routing options have associated charges in addition to other applicable charges. If complete Special Routing is not available when ordered, or if it becomes unavailable at a later date due to network rearrangements, Special Routing may only be furnished on a partial basis. The Customer will be advised before partial Special Routing is provided and may cancel the order or discontinue the special routing if the partial Special Routing is not acceptable. No cancellation charge will apply in such cases. The Customer options for special routing are:

- Diversity
- Custom Diversity
- Avoidance
- Diversity & Avoidance

Special Routing is furnished subject to the availability of channel components.

1. DIVERSITY

Two or more channels are furnished partially or entirely over not more than two physically separated routes. Diversity is furnished for any portion of the channel components or all channel components. If there are more than two services, the services are divided into two groups and furnished partially or entirely over two physically separated routes.

Example 1: The Customer has four IOCs between AT&T Central Offices A and B and specifies that IOC No. 1 be diverse from IOC No. 2. Special Routing charges will apply to IOC Nos. 1 and 2. Special Routing charges will not apply to IOC Nos. 3 and 4.

Example 2: The Customer has 4 IOCs between AT&T Central Offices A and B and specifies that IOCs Nos. 1 and 2 be diverse from IOC Nos. 3 and 4. Four Special Routing Charges apply.

Diversity rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELLED
April 14, 2010
Missouri Public
Service Commission
JX-2010-0561

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.3 CHANNEL OPTIONS (Continued)

D. SPECIAL ROUTING OF AN ASDS

An ASDS is normally furnished using a channel selected by AT&T. However, special routing options are available for ASDS, excluding 9.6 kbps IOCs, when the required service components are available. These special routing options have associated charges in addition to other applicable charges. If complete Special Routing is not available when ordered, or if it becomes unavailable at a later date due to network rearrangements, Special Routing may only be furnished on a partial basis. The Customer will be advised before partial Special Routing is provided and may cancel the order or discontinue the special routing if the partial Special Routing is not acceptable. No cancellation charge will apply in such cases. The Customer options for special routing are:

- Diversity
- Custom Diversity
- Avoidance
- Diversity & Avoidance

Special Routing is furnished subject to the availability of channel components.

1. DIVERSITY*

(CT)

Two or more channels are furnished partially or entirely over not more than two physically separated routes. Diversity is furnished for any portion of the channel components or all channel components. If there are more than two services, the services are divided into two groups and furnished partially or entirely over two physically separated routes.

Example 1: The Customer has four IOCs between AT&T Central Offices A and B and specifies that IOC No. 1 be diverse from IOC No. 2. Special Routing charges will apply to IOC Nos. 1 and 2. Special Routing charges will not apply to IOC Nos. 3 and 4.

Example 2: The Customer has 4 IOCs between AT&T Central Offices A and B and specifies that IOCs Nos. 1 and 2 be diverse from IOC Nos. 3 and 4. Four Special Routing Charges apply.

Diversity rates are as specified in the Price List.

- * Diversity, Custom Diversity, Avoidance, and Diversity and Avoidance for DS0 and FT1 IOCs is discontinued as of April 14, 2010. (AT)
(AT)

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.3 CHANNEL OPTIONS (Continued)

D. SPECIAL ROUTING OF AN ASDS (Continued)

2. CUSTOM DIVERSITY

Three or more IOCs are furnished partially or entirely over not more than three physically separate routes, where separate facilities are available. The designated circuits may originate and/or terminate at the same AT&T Central Offices. If there are more than three circuits, all of which originate and terminate at the same AT&T Central Offices, the circuits are divided into three groups prior to application of the Custom Diversity option.

2. CUSTOM DIVERSITY (Continued)

Example 1: The Customer has 3 IOCs between AT&T Central Offices A and B and specifies that each be diverse from the others. Three Custom Diversity charges apply.

Example 2: The Customer has 3 IOCs between AT&T Central Offices A and B, C and D, and specifies that each be diverse from the others. Three Custom Diversity charges apply.

Custom Diversity rates are as specified in the Price List.

3. AVOIDANCE

A service is furnished over a channel that avoids a specified geographic location. This option is only available on 56/64 kbps channels.

Avoidance rates are as specified in the Price List.

4. DIVERSITY AND AVOIDANCE

A combination of Diversity and Avoidance. This option is only available on 56/64 kbps channels.

Diversity and Avoidance rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELLED
April 14, 2010
Missouri Public
Service Commission
JX-2010-0561

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.3 CHANNEL OPTIONS (Continued)

D. SPECIAL ROUTING OF AN ASDS (Continued)

2. CUSTOM DIVERSITY* (CT)

Three or more IOCs are furnished partially or entirely over not more than three physically separate routes, where separate facilities are available. The designated circuits may originate and/or terminate at the same AT&T Central Offices. If there are more than three circuits, all of which originate and terminate at the same AT&T Central Offices, the circuits are divided into three groups prior to application of the Custom Diversity option.

Example 1: The Customer has 3 IOCs between AT&T Central Offices A and B and specifies that each be diverse from the others. Three Custom Diversity charges apply.

Example 2: The Customer has 3 IOCs between AT&T Central Offices A and B, C and D, and specifies that each be diverse from the others. Three Custom Diversity charges apply.

Custom Diversity rates are as specified in the Price List.

3. AVOIDANCE* (CT)

A service is furnished over a channel that avoids a specified geographic location. This option is only available on 56/64 kbps channels.

Avoidance rates are as specified in the Price List.

4. DIVERSITY AND AVOIDANCE* (CT)

A combination of Diversity and Avoidance. This option is only available on 56/64 kbps channels.

Diversity and Avoidance rates are as specified in the Price List.

* Diversity, Custom Diversity, Avoidance, and Diversity and Avoidance for DS0 and FT1 IOCs are discontinued as of April 14, 2010. (AT)
(AT)

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.3 CHANNEL OPTIONS (Continued)

E. SUBRATE DATA MULTIPLEXING (SDM)

The SDM office function permits the derivation of up to five 9.6 kbps digital channels from a 56/64 kbps IOC, from a 56 kbps Digital Data Local Channel equipped with the Secondary Channel Option available from Schedule 11, Section 9 of this tariff, other access, or from a channel derived from an M-24 Multiplexing Office Function (see Section 5.2.4.B preceding).

Customer-provided multiplexing equipment and access used in conjunction with an SDM office function must transmit a DS-0 signal formatted as described in Technical Publication 54075 (see Technical Publication Information, Preface, Sheet 5).

SDM derives up to 5 subrate digital data channels at a maximum rate of 9.6 kbps on any channel.

One access connection is required for each digital local channel connected to this office function.

Subrate Data Multiplexing rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.4 ANALOG MULTIPOINT CHARGE

An Analog Multipoint Charge applies to ACCUNET Spectrum of Digital Services consisting of three or more analog Customer premises. The charge applies for each Customer premises on local channel service for which the Access Coordination Function (ACF) is provided by the Company. The monthly charge is in addition to the ACF.

Analog Multipoint Charge rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.5 OFFICE FUNCTIONS

A. TRANSFER ARRANGEMENTS

Transfer arrangements permit a Customer to transfer one channel to another or one service to another. They also enable a service to be used for alternate purposes, non-simultaneously, e.g., for voice or data transmission. Transfer Arrangements are restricted to ASDS applications utilizing Analog Voice Grade Private Line access or an analog signal which has been coded and multiplexed within a digital signal connected to the ACCUNET M-24 office function.

Transfer arrangements are provided at AT&T Central Offices. They may be key-activated or controlled by the 1 X N Control Arrangement as specified in Section 12.3.1. Key-activated arrangements require a key and a control channel. The control channel and keys are provided by the Customer.

Each channel connected to a transfer arrangement requires an office connection.

1. PRIVATE LINE SERVICE TRANSFER ARRANGEMENT

This arrangement enables the Customer to interconnect two private line services in two different modes of operation non-simultaneously. The two private line services must share a common transfer arrangement and must be compatible operationally. The services may be two-point or multipoint. This arrangement may be used to connect more than two services in tandem, but AT&T will not support a tandem connection of services using more than three transfer arrangements and four or more services.

In a typical application, the IOCs of two private line services are connected, creating one private line service or, alternately, the two services function independently. The Local Channels or other access connected to the IOC(s) may remain connected or be disconnected at the Customer's option. One control channel is required for a key-activated arrangement.

Private Line Service Transfer Arrangement rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.5 OFFICE FUNCTIONS (Continued)

A. TRANSFER ARRANGEMENTS (Continued)

2. ANALOG LOCAL CHANNEL OR OTHER ACCESS TRANSFER ARRANGEMENTS

a. TRANSFER ARRANGEMENT WITH ALTERNATE DISCONNECT

This arrangement permits the Customer to connect two Analog Voice Grade Local Channels or other analog access to one IOC in two different modes of operation non-simultaneously. All channels must share a common transfer arrangement.

In each mode of operation, one of the two Analog Voice Grade Local Channels or other analog access is connected and the other is disconnected. Variations of this arrangement are described following. One control channel is required for a key-activated arrangement.

Transfer Arrangement with Alternate Disconnect rates are as specified in the Price List.

b. TRANSFER ARRANGEMENT WITHOUT ALTERNATE DISCONNECT

This arrangement operates in the same way as in a. preceding except that the alternate Analog Voice Grade Local Channel or other analog access does not disconnect. One control channel is required for a key-activated arrangement.

Transfer Arrangement without Alternate Disconnect rates are as specified in the Price List.

c. TRANSFER ARRANGEMENT WITH ALTERNATE DISCONNECT AND BUSY TONE

This arrangement is the same as (a) preceding, but with a busy tone indication for the disconnected Analog Voice Grade Local Channel or other analog access. One control channel is required for a key-activated arrangement.

Transfer Arrangement with Alternate Disconnect and Busy tone rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.5 OFFICE FUNCTIONS (Continued)

A. TRANSFER ARRANGEMENTS (Continued)

2. ANALOG LOCAL CHANNEL OR OTHER ACCESS TRANSFER ARRANGEMENTS
(Continued)

d. TRANSFER ARRANGEMENT WITH ALTERNATE DISCONNECT AND
INTERCEPT

This arrangement is the same as a. preceding, but with intercept for the disconnected channel. One control channel is required for each arrangement. This arrangement is primarily used for alternate private line/foreign exchange service. In such application, two arrangements are used, one at each end of the IOC. One control channel is required for a key-activated arrangement.

Transfer Arrangement with Alternate Disconnect and Intercept rates are as specified in the Price List.

e. EXCLUSION ARRANGEMENT

This arrangement permits the customer to disconnect and reconnect one or more Inter Office Channels, Analog Voice Grade Local Channels or other analog access from a private line service. One control channel is required for a key activated arrangement.

Exclusion Arrangement rates are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.5 OFFICE FUNCTIONS (Continued)

A. TRANSFER ARRANGEMENTS (Continued)

3. 1 X N CHANNEL SWITCH

This arrangement permits one or more Inter Office Channels, Analog Voice Grade Local Channels or other analog access (primary channels) to be switched to one or more Inter Office Channels, Analog Voice Grade Local Channels or other analog access (standby channels).

This transfer arrangement consists of one or more basic assembly units, known as nests, each of which accommodates up to 20 channel cards. Each channel card performs the switching function for one primary channel.

A separately obtained control arrangement(s) (1 X N Control Arrangement, as described in Section 12.3.1, or equivalent) is required to control the channel cards. The Customer of the separately obtained control arrangement is responsible for operation of the 1 X N Channel Switch.

Multiple primary channels, belonging to one or more Customers, may be arranged for switching to a common standby channel. In this case, the Company assumes no liability for damages or for credit allowances for interruption if the standby channel is not available for one Customer while activated for another.

Rates for 1 X N Channel Switch are as specified in the Price List.

Issued: November 26, 2002

Effective: December 26, 2002

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

FILED
Missouri Public
Service Commission

9. ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Continued)

9.2.5 OFFICE FUNCTIONS (Continued)

B. ASDS SWITCH PORT

This office function provides electronic cross connection of DSO Channels to provide Customer Controlled Reconfiguration as follows:

When the Customer uses DS1 access to an ASDS Central Office to connect to ASDS, Customer Controlled Reconfiguration of a DS1 Switch Port is required.

1. CUSTOMER CONTROLLED RECONFIGURATION

Customer Controlled Reconfiguration permits the Customer to electronically rearrange DSO channels between all of a Customer's ASDS channels terminating in the same AT&T Central Office. Customer Controlled Reconfiguration requires one ASDS Switch Port for each of the office connections. In addition, Customer Controlled Reconfiguration requires Customer-provided terminal equipment and private line service or a dial-up service to send the Customer's instructions to the network control center. If the Customer elects to use dial-up services to access the network control center, an AT&T 800 Service or its equivalent is required to provide secure dial-back capability. The network control center then automatically provides the Customer with switching control and status reports.

An office connection is required for each ASDS channel connected to an ASDS Switch Port.

Additional details are provided in Technical Publication-PUB 54015 (see Technical Publication Information, Preface, Sheet 5).

2. RATES

a. ASDS SWITCH PORT

ASDS Switch Port rates are as specified in the Price List.

b. DS1 SWITCH PORT

When a DS1 Switch Port is required, the rates as specified in Section 7.2.4.D preceding apply.

Issued: November 26, 2002

Effective: December 26, 2002

Leslie O Buford, District Manager
227 West Monroe Street
Chicago, Illinois 60606

CANCELED
May 1, 2012
Missouri Public
Service Commission
JX-2012-0538

FILED
Missouri Public
Service Commission