

BELLSOUTH TELECOMMUNICATIONS, INC.
 BY: Operations Manager - Pricing
 29G57, 675 W. Peachtree St., N.E.
 Atlanta, Georgia 30375
 ISSUED: NOVEMBER 1, 1996

TARIFF F.C.C. NO. 1
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 EFFECTIVE: DECEMBER 16, 1996

ACCESS SERVICE

14 - Exceptions to Access Service Offerings

The services offered under the provisions of this tariff are subject to availability as set forth in 2.1.4 preceding. In addition, the following exceptions apply:

ALL STATES

The following items are not offered in the operating territory of this Company.

14.1 Interstate Served Direct Foreign Exchange Service

With the exception of End User Access Service and BellSouth Equal Access Subscription service, as set forth in Section 4. and 13.3.3 preceding, respectively, the regulations and rates set forth in this tariff do not apply to customers for the type of connections and in the locations listed following. The regulations and rates for these connections are the applicable Telephone Exchange Service regulations and rates specified in the General Subscriber Service Tariff for the Exchange Service tariff for the exchange from which the connection is provided. In addition, regulations and rates for the associated channel between the locality in which the customer is located and the exchange from which the connection is provided, apply as specified in AT&T-C's Tariff F.C.C. No. 9 for interLATA channels furnished for Exchange Service or its successor tariff for comparable channels.

(T)
(T)

<u>Customer Location</u>		<u>Exchange from Which</u>	<u>Type of</u>
<u>Locality</u>	<u>State</u>	<u>Connection is</u>	<u>Connection</u>
		<u>Provided</u>	
McClellan,	AL.	Munson, FL.	Individual
Francisco,	AL.	Huntland, TN.	2-Party
Kings Grove,	TN.	Bridgeport, AL.	2-Party

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ACCESS SERVICE

15 - Operating Territory of the Telephone Company

The operating territory of the Telephone Company is comprised of the following locations, defined by the name of the LATA, and names of rate centers, for the states of ALABAMA, FLORIDA, GEORGIA, KENTUCKY, LOUISIANA, MISSISSIPPI, NORTH CAROLINA, SOUTH CAROLINA and TENNESSEE.

15.1 ALABAMA

15.1.1 Birmingham - LATA

Rate Centers:

Alabaster	Colombiana	(D)
Albertville	Cordova	Munford
Alexander City	Dadeville	Ohatchee
Anniston	Dora	Parrish
Attalla	Eutaw	Piedmont
Bessemer	Fort Payne	Pinson
Birmingham	Gadsden	Sylacauga
Boaz	Gardendale	Talladega
Bridgeport	Goodwater	Tuscaloosa
Calera	Graysville	Vincent
Carbon Hill	Guntersville	Warrior
Centerville	Jacksonville	West Blocton
Chelsea	Jasper	York
Childersburg	Livingston	
Clanton	Montevallo	

15.1.2 Huntsville - LATA

Rate Centers:

Athens	Hanceville	Madison	
Courtland	Hartselle	Moulton	(N)
Cullman	Hazel Green	Red Bay	
Decatur	Huntsville	Rogersville	
Florence	Killen	Russellville	
Gurley	Leighton	Shefford	
	Lexington (N)	Town Creek	
		Red Bay, MS	

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15 - Operating Territory of the Telephone Company

15.1 ALABAMA (Cont'd)

15.1.3 Mobile - LATA

Rate Centers:

Bay Minette
Belle Fontaine
Brewton

Citronelle
Evergreen
Fairhope
Flomation

Jackson
McIntosh
Mobile
Mount Vernon
(Mobile Co.)
Century, FL (Z)

15.1.4 Montgomery - LATA

Rate Centers:

Auburn
Clayton
Demopolis
Eufaula
Fort Deposit
(Sumter Co.)
Greensboro

Holtville
Hurtsboro
Lafayette
Linden
Maplesville
Marion
Montgomery
Opelika

Prattville
Selma
Thomasville
Troy
Tuskegee
Uniontown
Wetumpka
Georgetown, GA (Z)

15.2 FLORIDA

15.2.1 Pensacola - LATA

Rate Centers:

Cantonment
Gulf Breeze

Holly Navarre
Jay
Milton

Munson
Pace
Pensacola
Clear Springs, AL(Z)

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15 - Operating Territory of the Telephone Company

15.2 FLORIDA (Cont'd)

15.2.2 Panama City - LATA

Rate Centers:

Chipley	Lynn Haven	Sunny Hills
Graceville	Panama City	Vernon
Havana	Panama City Beach	Youngstown-Fountain

15.2.3 Jacksonville - LATA

Rate Centers:

Baldwin	Lake City	(D)
Fernandina Beach	Maxville	Pomona Park
Fort George	Middleburg	Ponte Verdra Beach
Green Cove Springs	Orange Park	Saint Augustine
Jacksonville	Palatka	Welaka
Jacksonville Beach		Yulee
Julington		

15.2.4 Gainesville - LATA

Rate Centers:

Archer	Dunnellon	Newberry
Bronson	Gainesville	Old Town
Brooksville	Hawthorne	Trenton
Cedar Keys	Keystone Heights	Weekiwachee Springs
Chiefland	Micanopy	Yankeetown
Cross City		

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15.2 FLORIDA (Cont'd)

15.2.5 Daytona Beach - LATA

Rate Centers:

Bunnell	Deleon Springs	Oak Hill
Daytona Beach	Flagler Beach	Palm Coast
Deland	New Smyrna Beach	Pierson

15.2.6 Orlando - LATA

Rate Centers:

Cocoa	East Orange	Oviedo
Cocoa Beach	Geneva	Sanford
DeBary	Melbourne	Titusville
Eau Gallie	Orlando	

15.2.7 Southeast - LATA

Rate Centers:

Belle Glade	Hollywood	NorthKey Largo
Big Pine (T)	Homestead	Pahokee
Boca Raton	Islamorada	Perrine
Boynton Beach	Jensen Beach	Pompano Beach
Coral Springs	Jupiter	Port St. Lucie
Deerfield Beach	Key Largo	Sebastian
Delray Beach	Key West	Stuart
Fort Lauderdale	Marathon	Sugarloaf Key
Fort Pierce	Miami	Vero Beach
Hobe Sound	North Dade	West Palm Beach

EFFECTIVE: JANUARY 31, 1992

ACCESS SERVICE

15 - Operating Territory of the Telephone Company

15.3 GEORGIA

15.3.1 Atlanta - LATA
Rate Centers:

Acworth	Elberton	Norcross
Adairsville	Fairburn	Palmetto
Alpharetta	Fayetteville	Panola
Athens	Flowers Branch	Pine Mountain
Atlanta	Franklin	Powder Springs
Austell	Gainesville	Rockmart
Barnesville	Gay	Rome
Bogart-Statham	Grantville	Roopville
Bowdon	Greensboro	Roswell
Bremen	Greenville	Royston
Buchanan	Griffin	Rutledge
Buford	Hamilton	Senoia
Calhoun	Hampton	Smyrna
Carrollton	Hogansville	Social Circle
Cartersville	Jackson	Stockbridge
Cave Springs	Jonesboro	Stone Mountain
Cedartown	Kingston	Tallapoosa
Chamblee	La Grange	Temple
Clermont	Lawrenceville	Tucker
Columbus	Lithonia	Villa Rica
Concord	Loganville	Watkinsville
Conyers	Lula	Woodbury
Covington	Luthersville	Woodstock
Cumming	Madison	Zebulon
Cusseta	Marietta	Fruithurst, AL
Dallas	McDonough	Oakland, AL
Douglasville	Monticello	Phenix City, AL
Duluth	Newnan	Ranburne, AL
Eatonton		

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15.3 GEORGIA

15.3.2 Albany - LATA

Rate Centers:

Albany	Cordele	Richland
Americus	Lake Park	Smithville
Arlington	Leary	Sparks
Baconton	Leesburg	Sylvester
Bainbridge	Lumpkin	Thomasville
Camilla	Newton	Tifton
Colquitt	Pelham	Valdosta

15.3.3 Augusta - LATA

Rate Centers:

Appling	Sardis	Wrens
Augusta	Sparta	Aiken, SC
Gibson	Swainsboro	Bath, SC
Harlem	Thomson	Beech Island, SC
Hephzibah	Wadley	Edgefield, S.C. (N)
Louisville	Warrenton	Graniteville, SC
Millen	Waynesboro	New Ellenton, SC
		North Augusta, SC

15.3.4 Macon - LATA

Rate Centers:

Cochran	Forsyth	Sandersville-Tennille
Dublin	Fort Valley	Warner Robins
Eastman	Macon	Wrightsville

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15.3 GEORGIA (Cont'd)

15.3.5 Savannah - LATA

Rate Centers:

Baxley	Jesup	Savannah
Blackshear	Johnson Corner	St. Simons Island
Brunswick	Lumber City	Tybee Island
Claxton	Lyons	Vidalia
Hazlehurst	Pooler	Waycross
Jekyll Island		

15.4 KENTUCKY

15.4.1 Louisville - LATA

Rate Centers:

Bagdad	Lawrenceburg	Shelbyville
Bardstown	La Grange	Simpsonville
Bedford	Lebanon Junction	(D)
Bloomfield	Louisville	Sulphur
Campbellsburg	Milton	Taylorsville
Carrollton	Mount Eden	Waddy
Chaplin	New Haven (N)	West Point
Cropper	New Liberty	Galena, IN
Eminence	Owenton	Jeffersonville, IN (Z)
Finchville	Port Royal	Charlestown, IN (Z)
Frankfort	Rose Terrace	Cumberland, Gap, IN (Z)
Georgetown (N)	(D)	New Albany, IN (Z)
Ghent		New Washington, IN
		Sellersburg, IN (T)

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15.4 KENTUCKY (Cont'd)

15.4.2 Owensboro - LATA

Rate Centers:

Aurora	Earlington	Hopkinsville
Beaver Dam	Eddyville	Island
Benton	Elkton	La Fayette
Bluff Springs	Ensor	Livermore
Bowling Green	Fordsville	Maceo
Bremen	Franklin	Madisonville
Cadiz	Fredonia	Marion
Calhoun	Fulton	Mayfield
Canton	Gilbertsville	McDaniels
Cayce	Gracey	Morganfield
Centertown	Greenville	Morgantown
Central City	Guthrie	Mortons Gap
Clay	Habit	Murray
Clinton	Hanson (Z)	Nebo
Cloverport	Hardinsburg	Nortonville
Corydon	Hartford	Owensboro
Crofton	Hawesville	Paducah
Dawson Springs	Hebbardsville	Panther
Dixon	Henderson	Pembroke
Drakesboro	Hickman	Pleasant Ridge

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15.4 KENTUCKY (Cont'd)

15.4.2 Owensboro - LATA (Cont'd)

Princeton	Slaughters	Symsonia
Providence	Sorgho	Trenton
Robards	St. Charles	Utica
Russleville	Stanley	Water Valley
Sacramento	Sturgis	West Louisville
Sebree		Whitesville
Sharon Grove		Woodburn
		South Fulton, TN (Z)
		South Guthrie, TN (Z)

15.4.3 Winchester - LATA

Rate Centers:

Allen	Jackson	Pikeville
Beattyville	Junction City	Pineville
Benham-Lynch	Kirksville	Prestonsburg
Burgin	Little Rock	Richmond
Carlisle	Louisa	Sadieville (N)
Corbin	Mackville	Salvisa
Cornishville	Martin	South Williamson
Crab Orchard (D)	Maysville	Springfield
Cynthiana	McDowell	Stamping Ground (N)
Danville	Middlesboro	Stanford
Elkhorn City	Millersburg	Stanton
Fedscreek	Mooreville	Stone
Ford	Mount Sterling	Virgie
Freeburn	Neon	Waco
Harlan	North Middletown	Wallins Creek
Harrodsburg	Paintsville	Warfield
Inez	Wayland	
	Perryville	Whitesburg
		Williamsburg
		Willisburg
		Winchester
		Wooten
		Cumberland Gap, TN (Z)
		Fork Ridge, TN (Z)

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15.5 LOUISIANA

15.5.1 Baton Rouge - LATA

Rate Centers:

Albany	Lutcher	St. Gabriel
Baton Rouge	Morganza	Tunica
Clinton	New Roads	Vacherie
Convent	Plaquemine	White Castle
Denham Springs	Rougou	Wilson
Donaldsville	Springfield	Zachary
Jackson	St. Francisville	
Livingston		

15.5.2 LaFayette - LATA

Rate Centers:

Abbeville	Jeanerette	New Iberia
Baldwin	Jennings	Opelousas
Broussard	Krotz Springs	Port Barre
Carencro	La Fayette	Rayne
Centerville	Lake Arthur	St. Martinsville
Crowley	Lake Charles	Sulphur
De Ridder	Lawtell	Sweet Lake
Duson	Leesville	Vinton
Erath	(Vernon Pav.)	Washington
Eunice	Leonville	Weeks Island
Franklin	Loreauville	Youngsville
Gueydan	Melville	Merryville

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15.5 LOUISIANA (Cont'd)

15.5.3 New Orleans - LATA

Rate Centers:

Amite City	Jesuit Bend	New Orleans
Angie	Kenner	Norco
Bogalusa	Kentwood	Paradis
Buras	Labadieville	Patterson
Bush	Lacombe	Pearl River
Chackbay	Lafitte	Pierre Part
Covington	Lake Catherine	Pilottown
Delacroix	LaPlace	Pine
Dulac	Lockport	Pointe Ala Hache
Edgard	Luling	Ponchatoula
Folsom	Madisonville	Port Sulphur
Franklinton	Mandeville	Raceland
Gibson (N)	Montegut	Slidell
Hammond	Morgan City	St. Bernard
Houma	Mount Herman	Thibodaux
Independence	Napoleonville	Venice
		Yscloskey
		Crossroads, MS (Z)

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15.5 LOUISIANA (Cont'd)

15.5.4 Shreveport - LATA

Rate Centers:

Alexandria	Fort Necessity	Monroe
Arcadia	Georgetown	Monterey (N)
Bastrop	Gibsland	Montgomery
Benton	Grambling	Mooringsport
Bernice	Grand Cane	Natchitoches
Blanchard	Greenwood	Newellton
Boyce	Harrisonburg (N)	Oakdale
Bunkie	Haughton	Oak Grove
Calhoun	Haynesville	Oil City
Castor	Homer	Pollock
Colfax	Hornbeck	Rayville
Columbia	Jonesboro	Robeline
Converse	Jonesville (N)	Ruston
Coushatta	Keatchie	Saint Joseph (N)
Crowville	Keithville	St. Landry
Delhi	Lake Providence	Saline
Doyline	La Compte	Shreveport
Dry Prong	Lisbon	Sicily Island (N)
Dubach	Logansport	Simsboro
Epps	Mansfield	Sterlington
Farmerville	Many	Tallulah
Ferriday (N)	Marksville	Vidalia (N)
Florien	Mer Rouge	Waterproof (N)
	Minden	Winnifield
		Winnsboro
		Zwolle

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15 - Operating Territory of the Telephone Company

15.6 MISSISSIPPI (Cont'd)

15.6.1 Jackson - LATA

Rate Centers:

Aberdeen	Columbus	(D)
Amory	Columbus Air	Hattiesburg
Ashland	Force Base	Hazlehurst (Z)
Baldwyn	Como	Heidelberg
Batesville	Corinth	Hollandale
Beaumont	Crenshaw	Holly Springs
Belmont	Crystal Springs	Houston
Belzoni	DeKalb	Indianola
Benoit	Drew	Inverness
Blue Mountain	Duck Hill	Itta Bena
Bolton	Duffee	Iuka
Booneville	Duncan	Jackson
Brandon	Durant	Jonestown
Briarwood	Edwards	(D)
Brookhaven	Ellisville	Kilmichael
Buckatunna	Enterprise	Kosciusko
Burnsville	Ethel	Lake
Caledonia	Eupora	Laurel
Canton	Fayette	Leland
Carrollton	(D)	Lexington
Carthage	Flora	Liberty
Centreville	Forest	Louisville
Charleston	Friars Point	Lucedale
Clarksdale	Gloster	Lula
Cleveland	Goodman	Lumberton
Clinton	Greenville	Lynville
Coffeeville	Greenwood	Maben
Coldwater	Grenada	Macon
Collins	Gunnison	Madison
Columbia		Magee

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15 - Operating Territory of the Telephone Company

15.6 MISSISSIPPI (Cont'd)

15.6.1 Jackson - LATA (Cont'd)

Rate Centers:

Magnolia	Picayune	Starkville
Marks	Pickens	Sumner
McComb	Pontotoc	Sumrall
McCool	Poplarville	Taylorville
McLain	Port Gibson	Tchula
Mendenhall	Purvis	Terry
Meridian	Quitman	Toomsuba
Mize	Raleigh	Tunica
Monteray, LA	Raymond	Tupelo
Monticello	Richton	Tutwiler
Moorehead	Ripley	Tylertown
Morton	Rolling Fork	Union
Mount Olive	Rosedale	Utica
Natchez	Roxie	Vaiden
Naval Air Station	Ruleville	Verona
Nettleton	Sardis	Vicksburg
New Albany	Scooba	(D)
Newton-Hickory	Seminary	Walnut
Oakland	Senatobia	(D)
Obadiah	Shannon	Water Valley
Okolona	Shaw	Waynesboro
Osyka	Shelby	Wesson
Oxford	Shubuta	West
Pace	Shuqualak	West Point
Pelahatchie	(D)	Wiggins
Philadelphia	Silver Creek	Winona
	(D)	Woodville
		Yazoo City
		Delta, LA (M)
		South Osyka, LA (Z)
		Melvin, AL (Z)
		Michie, TN (Z)
		North Cornor, LA (Z)

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15 - Operating Territory of the Telephone Company

15.6 MISSISSIPPI (Cont'd)

15.6.2 Biloxi - LATA

Rate Centers:

Bay St. Louis
Biloxi
Gulfport

Hurley
Moss Point
Ocean Springs
Pascagoula

Pass Christian
Pearlington
Vanceleave
Pearlington, LA

15.7 NORTH CAROLINA

15.7.1 Asheville - LATA

Rate Centers:

Arden
Asheville
Black Mountain
Canton
Clyde

Enka-Candler
Fairview
Hendersonville
Lake Lure

Leicester
Maggie Valley
Swannanoa
Waynesville

15.7.2 Charlotte - LATA

Rate Centers:

Belmont
Bessimer City
Blowing Rock
Boone
Caroleen
Charlotte
Cherryville
Claremont
Cleveland
Davidson
Denver
Ellenboro
Forest City
Gastonia
Grover
Huntersville

Kings Mountain
Lattimore
Lawndale
Lenoir
Lincolnton
Locust
Lowell
Maiden
Morganton
Mount Holly
Newland
Newton
Rutherfordton
Salisbury
South Crowders Creek, (Z)
Shelby

Spruce Pine
Stanley
Statesville
Stony Point
Taylorsville
Troutman
Antioch, SC
Clover, SC
Hickory Grove, SC
Lake Wylie, SC
Lake Wylie West, SC
Mill Creek, SC
Sharon, SC
York, SC

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15.7 NORTH CAROLINA (Cont'd)

15.7.3 Greensboro - LATA

Rate Centers:

Anderson	Monticello	Saxapahaw
Burlington	Reidsville	Summerfield
Greensboro	Ruffin	Winston Salem
Julian		

15.7.4 Raleigh - LATA

Rate Centers:

Apex	Grantham	Selma
Cary	Knightdale	Wendell
Chapel Hill	Mount Olive	Zebulon
Goldsboro	Raleigh	

15.7.5 Wilmington - LATA

Rate Centers:

Acme	Gibson	Rowland
Atkinson	Hamlet	Scotts Hill
Burgaw	Laurinburg	Southport
Carolina Beach	Long Beach	Wilmington
Castle Hayne	Lumberton	Wrightsville Beach
Fairmont	Pembroke	Newtonville, SC
	Rockingham	Rowland, SC

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15.8 SOUTH CAROLINA

15.8.1 Greenville - LATA

Rate Centers:

Anderson	Greenville	Piedmont
Belton	Greer	Salem
Blacksburg	Honea Path	Seneca
Blue Ridge	Joanna	Six Mile
Central	Jonesville	Spartanburg
Clemson	Liberty	Travelers Rest
Clinton	Lyman	Union
Cowpens	Pacolet	Walhalla
Easley	Pelzer	Westminister
Fountain Inn	Pendelton	Williamston
Gaffney	Pickens	

15.8.2 Florence - LATA

Rate Centers

Bennettsville	Florence	Marion
Blenheim	Hartsville	Mullins
Cheraw	Lake View	Nichols
Clio	Latta	Society Hill
Darlington	McColl	Timmons ville
Dillon		

15.8.3 Columbia - LATA

Rate Centers:

Allendale	Chapin-Lt. Mtn. North	Newberry
Bamberg	Columbia	Orangeburg
Barnwell	Denmark	Prosperity
Batesburg	Eastover	Springfield-Salley
Blackville	Edgefield	St. George
Camden	Johnston	Whitmire
Chapin-Lt. Mtn. South		

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ACCESS SERVICE

15 - Operating Territory of the Telephone Company

15.8 SOUTH CAROLINA (Cont'd)

15.8.4 Charleston - LATA

Rate Centers:

Charleston	Isle of Palms	Sullivan's Island
Edisto Island	Mount Pleasant	Summerville
Folly Beach		

15.9 TENNESSEE

15.9.1 Chattanooga - LATA

Rate Centers:

Benton	Jasper	Spring City
Charleston	Soddy-Daisy (Z)	Tennga, GA
Chattanooga	South Pittsburg (Z)	Whitwell
Cleveland		Bridgeport, AL (Z)
Copper Basin		Liberty-Cherokee Co. NC (Z)
Dayton		Bridgeport, AL
Decatur (N)		Liberty-Cherokee Co., NC
		McCaysville, GA (Z)
		Rossville, GA
		Stevenson, AL (Z)

15.9.2 Knoxville - LATA

Rate Centers:

Athens	Knoxville	Oak Ridge
Bean Station (N)	La Follette	Oliver Springs
Bulls Gap	Lake City	Rockwood
Clinton	Lenoir City	Rogersville
Dandridge	Loudon	Sevierville
(D)	Madisonville	Sneedville
Etowah (Z)	Maryville	Surgoinsville
Gatlinburg	Mascot-Strawberry Plains	Sweetwater
Greenback	Maynardsville	White Pine
Harriman	Morristown	Jellico, KY
Jefferson City	Newport	Waterville, NC
Jellico	Norris	
Kingston		

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ACCESS SERVICE

15 - Operating Territory of the Telephone Company

15.9 TENNESSEE (Cont'd)

15.9.3 Memphis - LATA

Rate Centers:

Arlington	Halls	Milan
Bells	Henderson	Moscow
Bethel Springs	Henning	Newbern
Big Sandy	Hornbeak	Paris
Bolivar	Humboldt	Pinson
Brownsville	Huntington	Ridgely
Camden	Jackson	Ripley
Cedar Grove	Jordan	Savannah
Collierville	Kenton	Selmer
Covington	Lexington	Savannah
Dyer	McKenzie	Selmer
Dyersburg	Medina	Somerville
Gibson	(D)	Tiptonville
Gleason	Memphis	Trenton
Grand Junction	Middleton	Troy
Greenfield		Union City
Greenfield		Whiteville
		Bessie Bend, KY (Z)
		Hernando, MS (Z)
		Memphis, MS (Z)
		Michigan City, MS (Z)
		Mount Pleasant, MS
		Olive Branch, MS
		South Moscow, MS

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ACCESS SERVICE

15 - Operating Territory of the Telephone Company

15.9 TENNESSEE (Cont'd)

15.9.4 Nashville - LATA

Rate Centers:

Adams-Cedar Hill	Greenbriar	Portland
Ashland City	Hampshire	Prospect
Blanche	Hartsville	Pulaski (Z)
Carthage	Hendersonville	Sango
Centerville	Hohenwald	Sante Fe
Charlotte	Huntland	Sewanee
Clarksville	Lawrenceburg	Shelbyville
Clinchport	Lebanon	Smyrna
Columbia	Lewisburg	Somerville
Cross Plains-Orlinda	Lyles	South Oak Grove
Culleoka	Lynchburg	Springfield
Cumberland City	Lynnville	Spring Hill
Cunningham	Manchester	Summertown
Dickson	McEwen	Truine
Dover	Mount Pleasant	Tullahoma
Eagleville	Murfreesboro	Vanleer
Elkton	Nashville	Veto
Fairview	Normandy	Wartrace
Fayetteville	Old Hickory	Watertown
Flintville	Palmyra	Waverly
Franklin	Petersburg	White Bluff
Fredonia	Pleasant View	White House
Gallatin		Williamsport
Goodlettsville		Winchester
		Franciso, AL
		Oak Grove, Ky

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ACCESS SERVICE

16 - BellSouth Telecommunications Relay Service Transport (T)

16.1 BellSouth Telecommunications Relay Service Transport (T)

16.1.1 General Description

BellSouth Telecommunications Relay Service Transport provides a transport facility connecting a BellSouth Telecommunications Relay Service center's premises and a suitably equipped Telephone Company digital tandem switching office for originating switched BellSouth Telecommunications Relay Service Transport traffic to an interexchange carrier (IC). The service provides a dedicated 1.544 Mbps communications path, originating at the BellSouth Telecommunications Relay Service Transport center's premises and terminating in a suitably equipped Telephone Company digital tandem switch for switching as 24 individual voice grade (a.k.a. BellSouth SPA DSO VG) channels. (T)

16.1.2 Undertaking of the Telephone Company

(A) BellSouth Telecommunications Relay Service Transport calls will be routed to the IC of choice specified by the calling party to the BellSouth Telecommunications Relay Service Transport center upon receipt of proper call routing information from the BellSouth Telecommunications Relay Service Transport center. The specified IC must have BellSouth SWA FGD or BellSouth SWA TSBSA service at the Telephone Company tandem switch to which the BellSouth Telecommunications Relay Service Transport is interconnected. (T)

(B) Other provisions of this Tariff apply except to the extent inconsistent with the provisions of this section.

16.1.3 Obligation of the Customer

(A) The BellSouth Telecommunications Relay Service Transport center must specify the suitably equipped Telephone Company digital tandem switching office at which BellSouth Telecommunications Relay Service Transport traffic will be interconnected for routing to the IC of choice. (T)

(B) The BellSouth Telecommunications Relay Service Transport center shall provide all necessary call routing information. This information shall include Automatic Number Identification of the calling party, Automatic Number Identification II digits for identification of the call as associated, the calling party's called number and the carrier identification code of the calling party's interexchange carrier of choice. (T)

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ACCESS SERVICE

- 16 - BellSouth Telecommunications Relay Service Transport (N)
- 16.1 BellSouth Telecommunications Relay Service Transport (N)
- 6.1.3 Obligation of the Customer (cont'd) (N)
 - (C) The BellSouth Telecommunications Relay Service Transport center will route BellSouth Telecommunications Relay Service Transport calls to only those ICs with BellSouth SWA FGD or BellSouth SWA TSBSA 3 service at the BellSouth Telecommunications Relay Service Transport center designated Telephone Company tandem switch. (T)
(T)
(T)
(T)
 - (D) Only BellSouth Telecommunications Relay Service Transport related traffic may be completed over the BellSouth Telecommunications Relay Service Transport facility. (T)
(T)
(T)

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ACCESS SERVICE

16 - BellSouth Telecommunications Relay Service Transport (Cont'd) (T)

16.1 BellSouth Telecommunications Relay Service Transport (Cont'd) (T)

16.1.4 Jurisdictional Report Requirements

When a customer initially orders BellSouth Telecommunications Relay Service Transport, the customer shall state in its order the Percentage Interstate Usage (PIU). PIU information shall also be furnished quarterly to the Telephone Company thereafter, following all rules and regulations as required in Section 2, preceding. (T)

16.1.5 Ordering Provisions

Ordering provisions are as set forth in Section 5, preceding, with the following exceptions:

(A) The BellSouth Telecommunications Relay Service Transport center must order a BellSouth Telecommunications Relay Service Transport local channel and interoffice facility as described and provided in 16.1.7 and 16.1.8, following. (T)

(B) The BellSouth Telecommunications Relay Service Transport center must specify the desired Telephone Company and premises interface combination from 16.1.6, following. (T)

16.1.6 Interface Code Combinations

The following BellSouth Telecommunications Relay Service Transport Telephone Company and premises interface codes are available for use with BellSouth Telecommunications Relay Service Transport. The transmission specifications associated with the provision of BellSouth Telecommunications Relay Service Transport with these interface code combinations are provided in Technical Reference TR-NWT-000334. (T)

Telephone Company
Switch Supervisory Signaling

RV, EA, EB, EC

Premises
Interface Code

4DS9 - 15

16.1.7 Rate Regulations

The rate elements billable to the BellSouth Telecommunications Relay Service Transport provider which apply for BellSouth Telecommunications Relay Service Transport are described as follows. (T)

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ACCESS SERVICE

16 - BellSouth Telecommunications Relay Service Transport (Cont'd)

16.1 BellSouth Telecommunications Relay Service Transport (Cont'd)

16.1.7 Rate Regulations (Cont'd)

- (A) Local Channel - The BellSouth Telecommunications Relay Service Transport Local Channel rate element provides for a 1.544 Mbps communications path between the premises of the BellSouth Telecommunications Relay Service Transport center and the Telephone Company serving wire center for that premises. Monthly recurring charges and installation nonrecurring charges, on a first and additional service installed basis, are applicable.
- (B) Interoffice Channel - The BellSouth Telecommunications Relay Service Transport Interoffice Channel rate element provides for a 1.544 Mbps communications path between the Telephone Company serving wire center of the BellSouth Telecommunications Relay Service Transport center's premises and the BellSouth Telecommunications Relay Service Transport center specified Telephone Company digital tandem switching office. Monthly recurring and installation nonrecurring charges are applicable to the "fixed" component of the interoffice channel. Monthly recurring charges, on a per mile basis, are applicable to the distance sensitive component of the interoffice channel, measured from the serving wire center to the Telephone Company tandem office using V & H coordinate methodology specified in 6.7.13 preceding.

Where BellSouth Telecommunications Relay Service Transport is provisioned over Special Access (a.k.a. BellSouth SPA) DS3 level services, shared use procedures, as described in 7.4.8, preceding, apply.

A change in either the location of the BellSouth Telecommunications Relay Service Transport center's premises or of the BellSouth Telecommunications Relay Service Transport tandem switch designated is considered to be a disconnect of BellSouth Telecommunications Relay Service Transport. Installation of new BellSouth Telecommunications Relay Service Transport will be required at the new location/locations.

16.1.8 Rates and Charges

	<u>Nonrecurring Charges</u>				
	<u>First Service Installed</u>	<u>Additional Service Installed</u>	<u>Monthly Charge</u>	<u>USOC</u>	
(A) Local Channel					
-Per Local Channel	\$ 866.97	\$486.83	\$147.90	TMELC	(T)
(B) Interoffice Channel		<u>Nonrecurring Charge</u>	<u>Monthly Charge</u>	<u>USOC</u>	
- Fixed		\$100.49	\$100.00	1L5XX	
- Per mile		NA	\$ 28.00	1L5XX	

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ACCESS SERVICE

17 - Reserved For Future Use

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CANCELS 3RD REVISED PAGE 18-1
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ACCESS SERVICE

18 - BellSouth Operator Services

18.1 BellSouth Operator Transfer Service

18.1.1 General Description

BellSouth Operator Transfer Service provides routing of customer BellSouth Operator Services calls from the BellSouth Operator Services System location to a customer location within the LATA of the customer's end user who is attempting to obtain an interLATA service.

18.1.2 Undertaking of the Telephone Company

(A) The Telephone Company will provide BellSouth Operator Transfer Service from its BellSouth Operator Services System location(s) as specified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4.

(B) The Telephone Company operator will deliver customer end user requests for interLATA service to the customer location in the LATA of the customer's end user subject to the rates and charges set forth in 18.1.5, following.

(C) BellSouth Operator Transfer service traffic will be routed from the BellSouth Operator Services System location to the customer location via the customer's BellSouth SWA FGC, BellSouth SWA FGD, or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 trunks. (T)1
(T)

The Telephone Company will provision BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 facilities as set forth in Section 6 preceding. (T)
(T)

(E) The Telephone Company will specify the location(s) which provide BellSouth Operator Transfer service for each Local Access Transport Area (LATA). (T)
(T)

At the customer's request, the Telephone Company will provide a list of the LATAs served by each of its BellSouth Operator Service System locations which provide BellSouth Operator Transfer service. (T)
(T)

When it becomes necessary, as determined by the Telephone Company, to change an BellSouth Operator Services System location, the Telephone Company will notify the involved customers six months prior to the change. For such changes, the regulations as set forth in 2.1.7 preceding apply. (T)

ACCESS SERVICE

18 - BellSouth Operator Services

(T)

18.1 BellSouth Operator Transfer Service

18.1.2 Undertaking of the Telephone Company (Cont'd)

- (F) All rates and charges normally applicable to BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 service apply when such trunks are used to transport a end user's request for interLATA service from the BellSouth Operator Services System location to the customer location. In addition, charges as specified in 18.1.5 following apply to each end user request for interLATA service transferred to the customer. (T)
(T)
- (G) When the customer has both interstate and intrastate BellSouth Operator Transfer Service traffic, the percentage interstate usage determined for the customer's BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 service, as specified in 2.3.10 preceding, will be applied to the customer's BellSouth Operator Transfer Service charges. (T)
(T)
- (H) BellSouth Operator Transfer Service customers who also subscribe to BellSouth Inward Operator Services may use their BellSouth Inward Operator Services trunks to receive BellSouth Operator Transfer Service traffic where the BellSouth Inward Operator Services trunks connect the customer location to a LATA tandem which serves as both BellSouth Inward Operator Services location and BellSouth Operator Services System location. (T)
(T)
(T)
(T)

18.1.3 Obligations of the Customer

- (A) The customer will establish a customer location, if none exists, and will order BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 trunks, if none exist, to interconnect with the BellSouth Operator Services System location(s) serving all LATAs within the BellSouth Operator Services System serving area where the customer requests Operator Transfer Service. (T)
(T)
(T)
(T)
- (B) Customer facilities at the customer location shall provide the necessary on-hook, off-hook, answer and disconnect supervision.
- (C) When ordering BellSouth Operator Transfer Service, the customer shall determine and specify the number of new or additional BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 trunks desired, if any, to carry customer operator services end user requests for interLATA service from the BellSouth Operator Services System location to the customer location as specified in 5.2.10 preceding. (T)
(T)

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ACCESS SERVICE

18 - BellSouth Operator Services

18.1 BellSouth Operator Transfer Service

18.1.3 Obligations of the Customer (Cont'd)

The customer must order capacity sufficient to handle customer operator services end user requests for interLATA service originating from all Telephone Company end offices within each LATA of the BellSouth Operator Services System serving area where BellSouth Operator Transfer Service is requested.

- (E) Jurisdictional reporting will apply as specified for BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 in Section 2.3.10 preceding for determining the Percent Interstate Usage (PIU).

18.1.4 Rate Regulations

- (A) The Operator Transfer charge is applied on a per end user request for interLATA service transferred basis, as set forth in 18.1.5 following. A request shall be considered transferred when the Telephone Company operator activates the BellSouth Operator Services System switch which routes the call from the BellSouth Operator Services System location to the customer location.
- (B) Switched access premium rates and charges, recurring and nonrecurring, as set forth in 6.8 preceding will apply to all end user requests for interLATA service transferred from the BellSouth Operator Services System location to the customer location via the customer's BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 trunks. In addition, Rate Regulations as specified in 6.7 preceding will apply.

18.1.5 Rates and Charges

ALL STATES
Rate per End User
Request for InterLATA
Service Transferred

- (A) BellSouth Operator Transfer Services

\$0.35

(R)

ACCESS SERVICE

18 - BellSouth Operator Services

18.2 BellSouth Inward Operator Services (T)

18.2.1 General Description

BellSouth Inward Operator Services provide verification and emergency interruption functions associated with BellSouth Inward Operator Services calls. An interLATA service provider (Interexchange Carrier (IC)) seeking to verify the status of a BellSouth local exchange subscriber line will access the BellSouth BellSouth Operator Services System serving the Local Access Transport Area (LATA) of the BellSouth subscriber line to be verified. Access will be accomplished at the appropriate BellSouth Inward Operator Services location via a trunk or trunk group connecting the customer's point of presence (POP) to the BellSouth Operator Services System. The IC operator will ask the BellSouth operator to verify that the subscriber line in question is in use. Utilizing the Company's Verification and Interruption (V&I) network, a special network dedicated to this application, BellSouth's operator will monitor the status of the subscriber line and report this status to the IC operator. The IC operator will relay this information to the end user. (T)

If the line is in use, the IC's end user may request that the call in progress be interrupted to inform the BellSouth local exchange subscriber of an emergency need to reach that number. In this case, the IC operator will ask the BellSouth operator to interrupt the subscriber's call in progress. BellSouth's operator will interrupt the call in progress, inform the subscriber that the IC's end user has an emergency need to reach that line, and ask the subscriber if he/she is willing to terminate the call in progress. If the local exchange subscriber agrees to hang up, BellSouth's operator will inform the IC operator. The IC operator can then inform the end user that the subscriber line in question will be free momentarily and the end user may redial the local exchange subscriber's number to complete the emergency call. (T)

18.2.2 Undertaking of the Telephone Company

- (A) A Telephone Company BellSouth Inward Operator Services operator will provide Verification Service and Emergency Interruption Service at the rates and charges set forth in 18.2.5 following. The Telephone Company's contact shall be only with the customer's operator, not with the customer's end user, and shall be limited to that effort necessary to provide the requested service. (T)
- (B) The Telephone Company will specify the BellSouth Inward Operator Services Location(s) which provide(s) BellSouth Inward Operator Services for each Local Access Transport Area (LATA). These locations are identified in the NATIONAL EXCHANGE CARRIER'S ASSOCIATION (NECA) TARIFF F.C.C. NO. 4. (T)

ACCESS SERVICE

18 - BellSouth Operator Services

(T)

18.2 BellSouth Inward Operator Services (Cont'd)

(T)

18.2.2 Undertaking of the Telephone Company (Cont'd)

(B) (Cont'd)

When it becomes necessary, as determined by the Telephone Company, to change an BellSouth Inward Operator Services Location, the Telephone Company will notify the involved customers six months prior to the change. For such changes, the regulations set forth in 2.1.7 preceding apply.

(T)

(T)

(C) When BellSouth Inward Operator Services is ordered, service will be provided between the customer's premises and the BellSouth Inward Operator Services location by the Telephone Company as follows:

(T)

(T)

(T)

(1) General

An BellSouth Inward Operator Services access trunk group (BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 service) will be required for each BellSouth Inward Operator Services location specified by the customer. Further, the BellSouth Inward Operator Services access trunk group can only be provided in connection with direct routing.

(T)

(T)

(T)

(T)

(T)

BellSouth Inward Operator Services customers who also subscribe to BellSouth Operator Transfer service and/or BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 service, may use these trunks to receive BellSouth Operator Transfer Service traffic where the trunks connect the customer location to a LATA tandem which serves as both an BellSouth Inward Operator Services location and an BellSouth Operator Service System location.

(T)

(T)

(T)

(T)

(T)

(T)

Where the BellSouth Inward Operator Services and BellSouth Operator Services System location is not a LATA tandem, BellSouth Inward Operator Services customers who also subscribe to BellSouth Operator Transfer Service may use these trunks to receive BellSouth Operator Transfer Service traffic.

(T)

(T)

(T)

(T)

(T)

(2) Interface Group and Premises Interface Codes

Interface Groups 2, 6 and/or 9 as set forth in 6.1.3(A)(5) preceding are available for BellSouth Inward Operator Services.

(T)

Premises Interface Codes available for BellSouth Inward Operator Services are:

(T)

(T)

4AH5-B
4DS6-44
4DS9-15
4RV2-0

These Premises Interface Codes are described in 6.1.3(A)(5) preceding.

ACCESS SERVICE

18 - BellSouth Operator Services

18.2 BellSouth Inward Operator Services (Cont'd)

18.2.3 Obligations of the Customer

- (A) The customer will establish a customer location, if none exists, and will order BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 trunks, if none exists, to interconnect with the BellSouth Operator Services System location(s) serving all LATAs within the BellSouth Operator Services System serving area for which the customer requests BellSouth Inward Operator Services. (T)1
- (B) The customer facilities at the premises of the ordering customer shall provide the necessary on-hook and off-hook supervision.
- (C) The customer shall order a trunk group for BellSouth Inward Operator Services to BellSouth Inward Operator Services locations serving each LATA in which BellSouth Inward Operator Services service is desired. (T)
(T)
When the BellSouth Inward Operator Services location and the access tandem share the same switch, customers may use existing BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 trunks to carry BellSouth Inward Operator Services traffic. (T)
(T)
(T)
(T)
Where the BellSouth Inward Operator Services and BellSouth Operator Services System location is not a LATA tandem, BellSouth Inward Operator Services customers who also subscribe to BellSouth Operator Transfer Service may use these trunks to receive BellSouth Operator Transfer Service traffic. (T)
(T)
(T)
(T)
- (D) The customer shall be responsible for all contacts and arrangements with its end users concerning the provision and maintenance of BellSouth Inward Operator Services, and the billing and collecting of charges for BellSouth Inward Operator Services furnished to its end users. (T)
(T)
(T)

18.2.4 Rate Regulations

- (A) BellSouth Inward Operator Services charges for Verification Service and Emergency Interrupt Service are set forth in 18.2.5(A) and 18.2.5(B) following. The charge for Verification Service applies when a BellSouth Inward Operator Services operator monitors a connection for the purpose of determining the status of a line within a LATA. The charge for Emergency Interrupt Service applies when a BellSouth Inward Operator Services operator enters a connection for the purpose of attempting to interrupt a conversation in progress on a line within the LATA. When both Verification Service and Emergency Interrupt Service is provided, only the charge for Emergency Interrupt applies. The number of Verification Service and Emergency Interrupt Service calls will be accumulated by Telephone Company measuring equipment. (T)
(T)
(T)
(T)
(T)

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ACCESS SERVICE

18 - BellSouth Operator Services

18.2 BellSouth Inward Operator Services (Cont'd)

18.2.4 Rate Regulations (Cont'd)

- (B) No charge applies if the operator encounters a trouble condition, no circuit is available, the called line is not verifiable (pagers, some cellular, etc.), or the requesting customer indicates that the call is to or from an official public emergency agency. An official public emergency agency is defined as a government agency which is operated by the federal, state or local government, and has the capability and legal authority to provide prompt and direct aid to the public in emergency situations. Such agencies include the local police, state police, fire department, licensed hospitals, etc.
- (C) Switched access premium rates and charges, as set forth in 6.8 preceding will apply to all end user requests for interLATA service transferred from the IOS location to the customer location via the customer's BellSouth SWA FGC, BellSouth SWA FGD, or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 trunks. In addition, Rate Regulations as specified in 6.7 preceding will apply.

18.2.5 Rates and Charges

ALL STATES

	<u>RATE</u>	
(A) Verification Service, each	\$ 5.35	(I)
(B) Verification and Emergency Interruption Service, each	\$ 9.35	(I)

ACCESS SERVICE

18 - BellSouth Operator Services (N)

18.3 BellSouth Operator Assistance Access Service (N)

18.3.1 General Description (N)

BellSouth Operator Assistance Access Service (BellSouth OA Access Service) (N)
provides access to the BellSouth OA Access Service location(s) and the use of (N)
BellSouth OA Access Service equipment and operators, when required, to furnish (N)
operator assistance to end users on the customer's behalf, to obtain (N)
information for the customer's later use in billing for service provided by (N)
the Telephone Company to the customer's end users on the customer's behalf and (N)
for obtaining information for the customer's later use to potentially complete (N)
calls returned by the Telephone Company to the customer's location per the end (N)
user's request. (N)

(A) BellSouth OA Access Service Locations (N)

The Telephone Company will specify the BellSouth OA Access Service (N)
location(s) which provide(s) the BellSouth OA Access Service as shown in (N)
NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4. (N)

When it becomes necessary, as determined by the Telephone Company, to (N)
change a BellSouth OA Access Service location, the Telephone Company (N)
will notify the involved customers six months prior to the change. For (N)
such changes, the regulations as set forth in 2.1.7 of this tariff (N)
apply. (N)

(B) Pre-Requisites for BellSouth OA Access Service Provision (N)

Each BellSouth OA Access Service requires Telephone Company provided, (N)
customer and application dedicated Operator Assistance trunks (OA (N)
Trunks) interconnecting the customer's premises to the BellSouth OA (N)
Access Service location(s), as described further in 18.3.2 following. (N)
In addition, the customer must have in place or must order from the (N)
Telephone Company Common Channel Signaling System Seven (CCS7) links (N)
interconnecting the customer's premises and the Telephone Company's CCS7 (N)
network, as described in 6.1.3 of this tariff. Further, OA Access (N)
Service requires the customer to have a Northern Telecom DMS 250/500 (N)
switch equipped with Northern Telecom software release level UCS08 (or (N)
higher) and feature packages URLT 1-4. (N)

(C) BellSouth OA Access Service "flow" (N)

When the customer routes an end user request for operator assistance to (N)
the BellSouth OA Access Service location via the facilities described in (N)
paragraphs (A), and (B) preceding, the Telephone Company will optionally (N)
brand the call with the customer's name, serve the end user's request on (N)
the customer's behalf, obtain information needed for the customer to (N)
bill for the service provided, obtain information needed for the (N)
customer to complete the end user's call, if call completion is (N)
requested, and then will return the information obtained, as well as the (N)
call, if call completion is requested, to the customer location with an (N)
optional "thank you" branding message. (N)

ACCESS SERVICE

18 - BellSouth Operator Services (N)

18.3 BellSouth Operator Assistance Access Service (Cont'd) (N)

18.3.1 General Description (Cont'd) (N)

(D) Optional Call Branding Announcements (N)

At the customer's option, Branding Announcements are provided on both the front end and back end of each BellSouth OA Access Service call served. A front end recording will greet each customer end user call with a message of up to three (3) seconds duration which identifies the customer's service for example, "(customer name)". (N)

Recording of initial Branding Announcements and changes thereto will be performed on an implementation schedule agreed to between the Telephone Company and the customer. (N)

The customer may request changes to the Branding Announcements currently being provided via BellSouth OA Access Service. The Telephone Company will implement such changes within thirty (30) days of receiving the customer's request at the rates and charges detailed for branding in 18.3.5 following. (N)

(E) BellSouth OA Access Service will be provided at rates and charges as set forth in 18.3.5 following, except as provided for in 18.3.4(D) following. (N)

(F) The minimum subscription period for which BellSouth OA Access Service is provided and for which charges apply is one (1) month. (N)

18.3.2 Operator Assistance Trunks (OA Trunks) (N)

Operator Assistance Trunks (OA Trunks) must be ordered from and provided by the Telephone Company to carry the customer's operator services traffic from its location to the BellSouth OA Access Service location. (N)

(A) OA Trunks must be present in sufficient number to handle the customer's maximum forecasted call volume. (N)

(B) OA Trunks have the same transmission specifications as do BellSouth SWA FGD trunks, as described in 6.2.4 of this tariff. The Telephone Company's BellSouth OA Access Service location will interface directly with the customer's OA Trunks. (N)

(C) OA Trunks are to be used exclusively to provide transport of a customer's operator services calls from their premises to the BellSouth OA Access Service location. (N)

(D) Rates and charges for OA Trunks are as detailed in 18.3.5 following. (N)

18.3.3 Obligations of the Customer (N)

(A) The customer will cooperatively test with the Telephone Company at the time of BellSouth OA Access Service installation. (N)

(B) The customer will provide the Telephone Company a forecast of their monthly automated and live operator handled OA Access Service calls. (N)

EFFECTIVE: JULY 15, 2000

ACCESS SERVICE

- 18 - BellSouth Operator Services (N)
- 18.3 BellSouth Operator Assistance Access Service (Cont'd) (N)
- 18.3.3 Obligations of the Customer (Cont'd) (N)
 - (C) The customer must order from the Telephone Company OA Access Service Trunks, as described in 18.3.2 preceding. (N)
 - (D) The customer must have in place or must order from the Telephone Company Common Channel Signaling System Seven (CCS7) links interconnecting the customer's premises and the Telephone Company's CCS7 network, as described in 6.1.3 of this tariff. (N)
 - (E) The customer must have in place Northern Telecom DMS 250/500 switching equipment loaded with Northern Telecom software release level UCS08 (or higher) and feature packages URLT 1-4. (N)
 - (F) The customer will deliver calls to the BellSouth OA Service location with industry standard CCS7 call detail. (N)
 - (G) When opting for the BellSouth OA Access Service Savings Plan, the customer must select plan options for both automated and live operator handled calls. (N)
 - (H) When opting for the BellSouth OA Access Service Savings Plan, the customer must deliver to the Telephone Company within the time frames specified for the plan options selected call volumes that meet or exceed the minimum amounts required for the plan options selected, subject to the regulations detailed in 18.3.4(D) following. (N)
- 18.3.4 Rate Regulations and Payment Arrangements (N)
 - (A) Rates for BellSouth OA Access Service are as detailed in 18.3.5 following, except as described in 18.3.4(D) and 18.3.4(E) following. (N)
 - (B) When opting for the BellSouth OA Access Service Savings Plan, in no event will the untimely installation or failure of customer equipment required to deliver calls to the BellSouth OA Access Service location relieve the customer of their commitment to deliver to the Telephone Company within the time frames specified for the plan options selected call volumes that meet or exceed the minimum amounts required for the plan options selected as detailed in 18.3.4(D). (N)
 - (C) Service Credit for BellSouth OA Access Service (N)
 - A service credit equal to the amounts charged for the BellSouth OA Access Service and/or options as detailed in 18.3.5 following or in 18.3.4(E), if applicable, will apply to the customer's next bill when the Company has received from the customer within sixty (60) days of the occurrence a substantiated claim as follows: (N)
 - (1) A call(s) sent by the customer to the BellSouth OA Access Service location(s) was not answered because the BellSouth OA Access Service location(s) or Telephone Company equipment was out of service, or (N)
 - (2) BellSouth OA Access Service provided no response, or (N)

ACCESS SERVICE

18 - BellSouth Operator Services

18.3 BellSouth Operator Assistance Access Service (Cont'd)

18.3.4 Rate Regulations and Payment Arrangements (Cont'd)

(C) Service Credit for BellSouth OA Access Service (Cont'd)

- (3) A request(s) for call completion was not returned to the customer's premises due to failure of the Telephone Company's equipment or of the BellSouth OA Access Service.
- (D) In the event that OA Access Service is terminated prior to the one (1) month minimum subscription period, usage equal to the customer's forecasted monthly call volume as described in 18.3.3(B) will be applied to the standard per call rates detailed in 18.3.5 to determine the usage portion of the customer's bill.

(E) BellSouth OA Access Service Savings Plan

- (1) The BellSouth OA Access Service Savings Plan provides BellSouth OA Access Service customers the option to receive a reduced rate per BellSouth OA Access Service call in exchange for their commitment to deliver specified minimum usage for all OA Access calls sent to the Telephone Company during a specified payment plan period. A BellSouth OA Access Service payment plan agreement is required to implement this option. (C)
- (2) BellSouth OA Access Service Savings Plan subscriber rates are as detailed for each plan option in 18.3.4(E)(12) following. (T)
- (3) Application of BellSouth OA Access Service Savings Plan rates will commence with the first bill period following the plan option effective date, as agreed to, by and between the customer and the Telephone Company.
- (4) The minimum payment plan period of a BellSouth OA Access Service Savings Plan is twenty-four (24) months and the maximum payment plan period is forty-eight (48) months.
- (5) Except as indicated in 18.3.4(E)(7), 18.3.4(E)(8), 18.3.4(E)(9) and 18.3.4(E)(10), the customer must during the selected payment plan period(s) send to the Telephone Company BellSouth OA Access Service call usage greater than or equal to ninety-five percent (95%) of the minimum BellSouth OA Access Service call usage required by the plan option(s) selected by the customer. (C)
(C)
(C)
(C)
(C)
(C)
- (6) At the end of the payment plan period(s), if the BellSouth OA Access Service per call usage sent by the customer to the Telephone Company during the plan period is below ninety-five percent (95%) of the minimum BellSouth OA Access Service call usage committed to per the customer's selected plan option(s), the customer will be billed back the difference between the billed plan rate and the standard rate for all calls that have been billed during the payment plan period. (C)
(C)
(C)
(C)
(C)
(C)

(D)
(D)
(D)
(D)

ACCESS SERVICE

18 - BellSouth Operator Services

18.3 BellSouth Operator Assistance Access Service (Cont'd)

18.3.4 Rate Regulations and Payment Arrangements (Cont'd)

(E) BellSouth OA Access Service Savings Plan (Cont'd)

- (7) At any time during the active option payment plan period an existing BellSouth OA Access Service Savings Plan customer may request an upgrade to a service option having a higher usage commitment and/or a longer payment plan period. A new BellSouth OA Access Service payment plan agreement is required to implement the change. (T)
- (8) An existing BellSouth OA Access Service Savings Plan customer may request termination of their plan participation. If participation in the customer's currently active plan is ended prior to the scheduled expiration of the payment plan period, back billing of the difference between the then active plan option rates and the standard rates will be applied to a percentage of the calls that have been billed since the initiation of the plan options as follows: (T)

When Plan Option Is Terminated Prior To its Scheduled Expiration and Within __ Months of Initiation Date	This is the Percentage of Calls to which Back Billing Applies
12 Months	100%
24 Months	90%
36 Months	75%
48 Months	45%

Example: A BellSouth OA Access Service Savings Plan customer who terminates their plan option after 12 months would be billed back on ninety percent (90%) of the calls billed under the plan.

- (9) A customer who terminates their BellSouth OA Access Service Savings Plan is eligible to initiate a new plan six (6) months from the termination date. (T)
- (10) In the event of a merger or acquisition where some or all parties to the merger or acquisition have existing BellSouth OA Access Service Savings Plan options in place, each existing customer may continue their plan option to conclusion provided usage for each existing customer can be segregated from the whole and measured by the Telephone Company. Alternatively, the existing BellSouth OA Access Service Savings Plan options of each party to the merger or acquisition may be terminated without penalty provided a new BellSouth OA Access Service Savings Plan option is made effective for the merged or acquiring entity in which the usage commitment is greater than or (C)

ACCESS SERVICE

18 - BellSouth Operator Services

18.3 BellSouth Operator Assistance Access Service (Cont'd)

18.3.4 Rate Regulations and Payment Arrangements (Cont'd)

(E) BellSouth OA Access Service Savings Plan (Cont'd)

- (10) (Cont'd) (T)
 equal to the sum of the usage commitments for each active plan option (C)
 of each party to the merger or acquisition.
- (11) In the absence of or upon the expiration of an active BellSouth OA (T)
 Access Service Plan option(s), the standard rates detailed in 18.3.5
 apply.
- (12) Following are the rate schedules for the BellSouth OA Access Service (T)
 Savings Plan options. When electing to participate in the BellSouth
 OA Access Service Savings Plan, the customer must choose both an
 automated and a live operator plan option (one option from each of
 the tables following) and must specify a payment plan period for each
 of the two options selected.

For Automated Calls:

Automated Call Plan Option	Call Usage Commitment	Payment Plan Period	Rate Per Call	(T) (T)
Option A	1 - 2,999,999	24 months	\$0.1675	(C)
	1 - 4,499,999	36 months	\$0.1650	(C)
	1 - 5,999,999	48 months	\$0.1600	(C)
Option B	3,000,000 - 11,999,999	24 months	\$0.1575	(C)
	4,500,000 - 17,999,999	36 months	\$0.1550	(C)
	6,000,000 - 23,999,999	48 months	\$0.1500	(C)
Option C	12,000,000 - 47,999,999	24 months	\$0.1475	(C)
	18,000,000 - 71,999,999	36 months	\$0.1450	(C)
	24,000,000 - 95,999,999	48 months	\$0.1400	(C)
Option D	48,000,000 - 99,999,999	24 months	\$0.1375	(C)
	72,000,000 - 149,999,999	36 months	\$0.1350	(C)
	96,000,000 - 199,999,999	48 months	\$0.1300	(C)
Option E	100,000,000 or Greater	24 months	\$0.1275	(C)
	150,000,000 or Greater	36 months	\$0.1250	(C)
	200,000,000 or Greater	48 months	\$0.1200	(C)

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ACCESS SERVICE

18 - BellSouth Operator Services

18.3 BellSouth Operator Assistance Access Service (Cont'd)

18.3.4 Rate Regulations and Payment Arrangements (Cont'd)

(E) BellSouth OA Access Service Savings Plan (Cont'd)

(12) (Cont'd)

(T)

For Calls Handled by a Live Operator:

Operator Handled

(T)

Call Plan Option	Call Usage Commitment	Payment Plan Period	Rate Per Call
Option A	1-2,999,999	24 months	\$0.3375
	1-4,499,999	36 months	\$0.3350
	1-5,999,999	48 months	\$0.3300
Option B	3,000,000 – 11,999,999	24 months	\$0.3275
	4,500,000 – 17,999,999	36 months	\$0.3250
	6,000,000 – 23,999,999	48 months	\$0.3200
Option C	12,000,000 – or Greater	24 months	\$0.3175
	18,000,000 – or Greater	36 months	\$0.3150
	24,000,000 – or Greater	48 months	\$0.3100

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

(D)
(D)
(D)

(D)
(D)
(D)

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ACCESS SERVICE

19 - BellSouth Line Information Data Base Access Service

19.1 General Description

- (A) BellSouth Line Information Data Base Access Service provides a customer the ability to receive validation of billing information through query of data stored in the BellSouth Line Information Data Base.

BellSouth Line Information Data Base Access Service transports queries and responses to and from a customer's SPOI and a BellSouth Line Information Data Base Location; and between a BellSouth Line Information Data Base Location and the data base. BellSouth Line Information Data Base Access Service enables customers to receive responses to queries of data stored in the BellSouth Line Information Data Base for the purpose of validating billing information. BellSouth Line Information Data Base Access Service may be provided as a shared arrangement, with customers billed separately for the transport and query functions.

(D)
(D)
(D)
(D)
(D)

Customers purchasing validation of billing information must provide at least one Originating Point Code to the Telephone Company. The Originating Point Code serves as a customer identifier for purposes of billing BellSouth Line Information Data Base Common Transport, which carries the query from the BellSouth Line Information Data Base Location to the data base (Service Control Point - SCP), and BellSouth Line Information Data Base Access Validation, which provides the response to a customer query. Both BellSouth Line Information Data Base Common Transport and BellSouth Line Information Data Base Validation will be billed to the customer on a per query basis.

The data base consists of data and application software associated with an SCP. It is a transaction-oriented system accessible using Common Channel Signaling System 7 (CCS7) as set forth in 6.1.3.(A)(6)(e) preceding. The data required for processing customer queries are formatted as Transaction Capability Application part (TCAP) messages and are transported using the SS7 protocol for basic message transport. The Telephone Company will receive and respond to customer queries as defined in technical publications TR-NWT-000246, FR-NWT-000271, TR-TSV-000905 and TR-TSV-000954.

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ACCESS SERVICE

19 - BellSouth Line Information Data Base Access Service (Cont'd)

19.2 Obligations of the Telephone Company

(A) General

The Telephone Company will specify the BellSouth Line Information Data Base Locations at which BellSouth Line Information Data Base Access Service is provided. Those locations are listed in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

BellSouth Line Information Data Base Access Service is provided at the designated BellSouth Line Information Data Base Locations. The BellSouth Line Information Data Base Locations and the SCP will respond to queries received in the required signaling protocol for messages formatted in the American National Standards Institute specification of Signaling System No. 7 (ANSI SS7) protocol.

(B) Transport

Transmission facilities and transport terminations between the SPOI of the ordering customer and the BellSouth Line Information Data Base Location (provided as described in 6.1.3(C) preceding), and between the BellSouth Line Information Data Base Location and the Line Information Data Base represent two-way, diversified digital transmission paths from the customer SPOI to the SCP. This transmission path transports queries from the SPOI to the SCP and responses to the SPOI from the SCP in the Common Channel Signaling/Signaling System 7 protocol. The technical specifications for the interface required at the customer SPOI are provided in Technical Publication TR-TSV-000905. (C)

(C) Special Facilities Routing

The customer may request that the facilities used to provide BellSouth Line Information Data Base Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing are set forth in Section 11 preceding.

(D) Design Layout Report

The Telephone Company will provide to the customer a description of BellSouth Line Information Data Base Access Service facilities. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided only at the request of the customer, and will be provided at no charge. The Design Layout Report will be updated and reissued whenever the facilities provided for the customer's use are materially changed.

ACCESS SERVICE

19 - BellSouth Line Information Data Base Access Service (Cont'd)

19.2 Obligations of the Telephone Company (Cont'd)

(E) Transmission Specifications

Each BellSouth Line Information Data Base Access Service transmission path is provided with transmission specifications as set forth in Technical Publication TR-TSV-000905 for immediate action limits, acceptance limits and maintenance limits. (T)

(F) Acceptance Testing and Testing Capabilities

The Telephone Company will cooperatively test with the customer at the time of installation the parameters as specified in Technical Publication TR-TSV-000954.

(G) LIDB Data Specifications

The BellSouth Line Information Data Base will contain a record for every working line number and Billed Number Group served by the Telephone Company. Other exchange carriers who may store their data in the BellSouth Line Information Data Base are requested to provide this data as well. (T)

The Telephone Company will update the BellSouth Line Information Data Base information; e.g. add, delete, and modify customer accounts as customers move, become delinquent on their account, or order new service, on a daily basis. (T)

The Telephone Company has procedures in place to deactivate billing validation data in the event that it is being used fraudulently. Calling cards identified or suspected of being fraudulently used will be updated 7 days a week, 24 hours a day as set forth in (H) following.

(H) Provision Against Fraudulent Use of Service

End user information, pertinent to the investigation of fraud, may be shared with BellSouth Line Information Data Base Access Service customers when validation queries for the specific customer reach the Telephone Company established fraud threshold level. The Telephone Company maintains and operates a 24 hour, 7 day a week fraud control center for the monitoring of customer queries sent to the BellSouth Line Information Data Base. (T)

ACCESS SERVICE

19 - BellSouth Line Information Data Base Access Service (Cont'd)

19.2 Obligations of the Telephone Company (Cont'd)

(H) Provision Against Fraudulent Use of Service (Cont'd)

Thresholds for the monitoring of calling card, billed-to-third party, and collect calls are established and changed when warranted. When an established threshold is exceeded, an alert is generated and sent to the Telephone Company fraud control center for investigation and action, if warranted. The fraud threshold levels will be applied uniformly to all customers. The Telephone Company also automatically deactivates calling cards with unusually high calling card usage. The Telephone Company has procedures in place to ensure that fraud alerts are investigated by the Telephone Company and that appropriate action is taken expeditiously.

(I) BellSouth Line Information Data Base Access System Management

The Telephone Company will administer its BellSouth Line Information Data Base Access Service to insure the provision of acceptable service levels to all customers. During periods of system congestion, an automatic call gapping procedure will be utilized to control such congestion. The automatic call gapping procedure will tell the switch the gap (how long the switch should wait before sending another query) and the duration (how long the switch should continue to perform gapping). For example, during an overload condition, the automatic call gapping procedure will tell the BellSouth Line Information Data Base when to begin to drop one out of three of the queries received. This call gapping procedure will be applied uniformly to all users of BellSouth Line Information Data Base Access Service. (T)
(T)
(T)
(T)
(T)

The Telephone Company maintains the right to invoke manual intervention of the automatic call gapping procedure to preserve the integrity of the network.

(J) Billed Number Screening (T)

At the request of a customer, The Telephone Company Business Office will confirm which Toll Billing Exception (TBE) codes are associated with the customer(s) lines.

(K) Conversion of Arrangements (N)

During the last four months of 1997, the Telephone Company will convert from the existing Line Information Data Base arrangement in which two Line Information Data Base Locations to which the customer must obtain access are located in two LATAs, to a new arrangement in which two Line Information Data Base Locations to which the customer must obtain access are located in a single LATA. During this time, non-recurring charges for new facilities existing customers must order to accommodate the change will not apply. (N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)

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ACCESS SERVICE

19 - BellSouth Line Information Data Base Access Service (Cont'd)

19.3 Obligations of the Customer

(A) To obtain transport, the customer must order CCS7 Signaling Connections and Terminations as described in 6.1.3(C) preceding.

(C)
(C)
(C)
(C)
(C)
(C)
(C)

(B) The customer and the Company shall cooperatively determine the number of additional transmission paths needed, if any, for BellSouth Line Information Data Base Access Service.

(C) The customer's facilities at the customer's SPOI shall provide the necessary capability to send queries and receive responses in the American National Standards Institute specifications of Signaling System No. 7 (ANSI SS7) protocol.

(D) The customer will cooperatively test with the Telephone Company at the time of installation the parameters as specified in Technical Publication TR-TSV-000954.

19.4 Ordering Requirements and Payment Arrangements

(A) Minimum Periods

The minimum period for which services are provided is as set forth in Section 2.4.2 preceding.

ACCESS SERVICE

19 - BellSouth Line Information Data Base Access Service (Cont'd)

19.4 Ordering Requirements and Payment Arrangements (Cont'd)

(B) Cancellation of a Special Order

A customer may cancel a Special Order for BellSouth Line Information Data Base Access Service on any date prior to the service date. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the Special Order is to be canceled. The verbal notice must be followed by written confirmation within 10 days. (T)

When a customer cancels a Special Order for BellSouth Line Information Data Base Access Service after the order date but prior to the start of service, the appropriate charges as set forth in Section 5 preceding apply for the cancellation of the BellSouth Line Information Data Base Access Service Special Order. (T)

(C) Changes to a Special Order

When a customer requests changes to a pending order for BellSouth Line Information Data Base Access Service, such changes will be undertaken if they can be accommodated by the Telephone Company. The appropriate charges as set forth in Section 5 preceding will apply for the BellSouth Line Information Data Base Access Service Special Order changed.

(D) Moves

BellSouth Line Information Data Base Access Service moves are any change in the physical location of the point of termination at the customer's premises or the physical location of the customer's premises. Moves will be treated as set forth in 6.7.7 preceding, and all associated nonrecurring charges will apply. Minimum period requirements will be established at the new location as set forth in 6.7.7 preceding. In addition, all outstanding minimum period charges for the discontinued service will apply. (T)

(E) BellSouth Line Information Data Base Access service Rearrangements

Nonrecurring charges apply to BellSouth Line Information Data Base Access Service rearrangements, as set forth in 6.7.1 preceding. (T)

ACCESS SERVICE

19 - BellSouth Line Information Data Base Access Service (Cont'd)

19.6 Rate Regulations

The following rate elements apply to BellSouth Line Information Data Base Access Service.

(T)

(A) BellSouth Line Information Data Base Common Transport

(T)

BellSouth Line Information Data Base Common Transport provides for transport of the customer's query from the BellSouth Line Information Data Base Location to the data base (SCP). This charge will apply each time the customer requests and receives validation of a Telephone Company Calling Card or billed number and each time the customer requests and receives the status of a billed number associated with an other telephone company line stored in the BellSouth Line Information Data Base.

(T)

(T)

(T)

(T)

(T)

(B) BellSouth Line Information Data Base Validation

(T)

(T)

BellSouth Line Information Data Base Validation provides for query of the data resident in the BellSouth Line Information Data Base. This rate will apply each time a customer requests and receives validation of a Telephone Company Calling Card or billed number and each time the customer requests and receives the status of a credit card or billed number associated with an other telephone company line stored in the BellSouth Line Information Data Base.

(T)

(T)

(T)

(T)

(C) Originating Point Code Establishment or Change Charge

The Originating Point Code Establishment or Change Charge provides for the establishment or change of a customer requested Originating Point Code. This charge is nonrecurring and will apply each time that the customer requests and receives the establishment of a new Originating Point Code or requests and receives a change to an existing Originating Point Code. These codes are to be used for billing BellSouth Line Information Data Base Common Transport and BellSouth Line Information Data Base Validation.

(T)

(T)

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ACCESS SERVICE

19 - BellSouth Line Information Data Base Access Service (Cont'd)

19.6 Rate Regulations (Cont'd)

(D) CCS7 Signaling Connection and CCS7 Signaling Termination

Rates and charges for CCS7 Signaling Connections and CCS7 Signaling Terminations apply as specified in 6.8.1(I) preceding.

19.7 Rates and Charges

	<u>Rate Per Query</u>		
(A) BellSouth Line Information Data Base Common Transport per LIDB Query	\$0.00030	N/A	
(B) BellSouth Line Information Data Base Validation per LIDB Query	\$.035378	N/A	(R)
	<u>Nonrecurring Charge</u>		
(C) Originating Point Code Establishment or change - per Point Code Established or Changed	\$ 91.00	NRBPX	

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ACCESS SERVICE

20 - BellSouth Virtual Expanded Interconnection (Cont'd)

(T)

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ACCESS SERVICE

20 - BellSouth Virtual Expanded Interconnection

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20 - BellSouth Virtual Expanded Interconnection Service (Cont'd)

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20 - BellSouth Virtual Expanded Interconnection (Cont'd)

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ACCESS SERVICE

20 - BellSouth Virtual Expanded Interconnection (Cont'd) (T)

20.17 Service Description

BellSouth Virtual Expanded Interconnection service provides for location (T)
interconnection of collocator-provided/Telephone Company leased fiber optic (T)
facilities to Telephone Company interstate BellSouth SWA and Special Access (T)
(a.k.a. BellSouth SPA) services. BellSouth Virtual Expanded Interconnection (T)
service for switched access is provided at designated central offices,
tandems, and remote nodes/switches (e.g., locations). BellSouth Special (T)
Access Virtual Expanded Interconnection is available only at designated (T)
central offices. Under BellSouth Virtual Expanded Interconnection, a (T)
collocator provides fiber optic cable up to a Telephone Company-designated
interconnection point outside of the location, such as a manhole. The
collocator will provide the entrance fiber extending between the
interconnection point and the location. The Telephone Company will lease the
entrance fiber under the provisions of 20.18(A) following, and will install
the fiber into the location for connection to the BellSouth Virtual Expanded (T)
Interconnection collocator-provided/Telephone Company leased transmission
equipment. In addition, if multiple entry points are available, and the
collocator so desires, multiple entry points will be provided to the
collocator. A BellSouth Virtual Expanded Interconnection arrangement may (T)
interconnect with Telephone Company interstate BellSouth SWA and Special (T)
Access (a.k.a. BellSouth SPA) DS1/DS3 level high capacity services within the (T)
location.

Microwave facilities, in lieu of fiber facilities, may be used for
interconnection where they may reasonably be provided. Upon receipt of a
request for microwave interconnection, BellSouth will negotiate the
arrangements and file the appropriate rates and regulations for the service.

BellSouth Virtual Expanded Interconnection will be made available subject to (T)
the availability of space and facilities in each Telephone Company location.
BellSouth's central office, tandem and remote node switch site designations
are listed in the National Exchange Carriers Association (NECA) Tariff F.C.C.
No. 4.

General regulations, rates and charges applicable to all BellSouth Virtual (T)
Expanded Interconnection arrangements are contained in this tariff. (T)

20.18 Regulations

- (A) In order to ensure the compatibility of the transmission capabilities of (T)
the facilities and equipment used in the provision of BellSouth Virtual (T)
Expanded Interconnection, such equipment and facilities, including the
entrance fiber, associated riser cable/fiber, terminal transmission
equipment, plug-ins, software, unique tools and test equipment will be
provided by the collocator. The collocator agrees to lease to BellSouth (T)
all the equipment and support structure components required to provision
and maintain/repair BellSouth Virtual Expanded Interconnection on an (T)
ongoing basis, for the nominal sum of one dollar.

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20 - BellSouth Virtual Expanded Interconnection (Cont'd) (T)

20.18 Regulations (Cont'd)

(D) The Telephone Company will designate the point of interconnection in proximity to the location building, which is normally an entrance manhole. The Telephone Company reserves the right to prohibit all equipment and facilities, other than cable, within its entrance manholes. No splicing will be permitted in the entrance manhole. The collocater must provide a length of underground fiber optic cable in the entrance manhole specified by the Telephone Company which is of sufficient length to be pulled through the conduit and into the cable vault splice locations. The collocater is responsible for placement of the fiber optic facility within the manhole and for the maintenance of the fiber optic cable(s). Before placing the fiber optic facility in the manhole, the collocater will contact the Telephone Company for instructions. The collocater agrees to comply with the Telephone Company's safety and security rules. Access to the manhole is covered by the terms and conditions specified by the Telephone Company. (T)

The Telephone Company will pull the collocater-provided/Telephone Company leased fiber cable from the interconnection point to the cable vault where the cable will be spliced to collocater-provided/Telephone Company leased fire retardant riser cable which the Telephone Company will install.

(E) The BellSouth Virtual Expanded Interconnection collocater must provide the terminating transmission equipment that the Telephone Company will lease and use pursuant to Section 20.18(A) preceding to provision the BellSouth Virtual Expanded Interconnection arrangement. The equipment must comply with the Bellcore Network Equipment Building System (NEBS) General Equipment Requirements (TR-NWT-000063); National Electrical Code standards, and meet the minimum Operational System Modification for Intelligent Network Elements (OSMINE) requirements of coding for the TIRKSR System. This minimum includes Human Equipment Catalog Item Group (HECIG), Equipment Catalog Item Group (ECIG) processing code, (T)

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ACCESS SERVICE

20 - BellSouth Virtual Expanded Interconnection (Cont'd)

(T)

20.18 Regulations (Cont'd)

(E) (Cont'd)

Human Equipment Catalog Item (HECI), Equipment Catalog Item (ECI) number, and Function Codes as required for provisioning. OSMINE requirements of coding are covered in BellCore Publication GR-485-CORE. Additionally, this equipment must comply with any local, state or federal statutory and/or regulatory requirements in effect at the time or subsequent to equipment installation.

(F) The collocator is responsible for providing the terminating transmission equipment, e.g., fiber optic terminals, DS3/DS1 channelization equipment, fiber terminating device. The BellSouth Virtual Expanded Interconnection collocator must also specify all software options for the transmission equipment and associated plug-ins. In addition, the collocator shall provide the following:

(T)
(T)

- all necessary plug-ins/circuit packs (both working and spare) including any required options that must be physically set on the plug-ins.
- all unique tools and test equipment.
- initial and subsequently added equipment should be sized and equipped to handle a minimum of 12 months forecasted growth.
- rack mounted storage unit to house spare plug-ins, tools, and test equipment.
- any desired equipment for remote monitoring and control.
- fuse panel(s) with sufficient capacity for all BellSouth Virtual Expanded Interconnection transmission equipment.
- network facility rack(s), i.e., relay racks, to mount all of the above referenced equipment and Telephone Company-provided interconnection panel(s).

(T)
(T)

(G) Any equipment provided under 20.18(F) preceding shall be leased to the Telephone Company in accordance with Section 20.18(A) preceding.

ACCESS SERVICE

20 - BellSouth Virtual Expanded Interconnection (Cont'd) (T)

20.18 Regulations (Cont'd)

(H) Performance monitoring, alarm monitoring and software cross-connect control of all facilities and equipment used in provisioning a arrangement will be the responsibility of the BellSouth Virtual Expanded Interconnection collocator. The BellSouth Virtual Expanded Interconnection collocator will be responsible for initiating maintenance/repair requests for said facilities and equipment, pursuant to (K) following. (T)
(T)
(T)

If the collocator desires the Telephone Company to provide the transport for monitoring and control functions, such transport will be ordered and billed pursuant to the applicable service tariff provisions.

(I) The Telephone Company will have responsibility for installation and maintenance/repair of the facilities and equipment used to provide BellSouth Virtual Expanded Interconnection from the point of interconnection up to and including the BellSouth Virtual Expanded Interconnection terminating transmission equipment. (T)
(T)
(T)

(J) The Telephone Company will designate a meet-point location within the BellSouth Virtual Expanded Interconnection site where the Telephone Company's BellSouth Virtual Expanded Interconnection and Special Access (a.k.a. BellSouth SPA) DS1/DS3 services will be terminated for interconnection with the BellSouth Virtual Expanded Interconnection equipment. The BellSouth Virtual Expanded Interconnection DS1 and DS3 network interfaces (NIs) are contained in TR 73572 "BellSouth Virtual Expanded Interconnection Service DS1 and DS3 Level Network Interface Specifications." (T)
(T)
(T)
(T)
(T)

(K) The Telephone Company will work cooperatively with the BellSouth Virtual Expanded Interconnection collocator to facilitate joint testing and maintenance/repair related activities. (T)
(T)

(1) The collocator will be responsible for notifying the Telephone Company of significant outages of any portion of its network, which could impact or degrade Telephone Company switches and services. The collocator will also provide, if possible, an estimated time for restoral.

(2) Troubles reported to or observed by the collocator should be tested and isolated by the collocator prior to reporting the trouble to the Telephone Company.

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20 - BellSouth Virtual Expanded Interconnection (Cont'd) (T)

20.18 Regulations (Cont'd)

- (L) All installation work performed on behalf of the collocator must be performed by the Telephone Company or a Telephone Company-authorized vendor. Authorization procedures may be obtained from the Telephone Company upon request.

20.19 Limitations

The following provisions address BellSouth Virtual Expanded Interconnection Service interconnections to the Telephone Company network and service prohibitions for BellSouth Virtual Expanded Interconnection arrangements: (T)
(T)
(T)

- (A) Collocators who subscribe to BellSouth Virtual Expanded Interconnection will not have access to the Telephone Company building, except as provided in 20.23 following. (T)

- (B) A Telephone Company security escort will accompany the BellSouth Virtual Expanded Interconnection collocator at the interconnection point outside of the BellSouth Virtual Expanded Interconnection location. The security escort will be provided at the collocator's expense in accordance with charges described in 20.31(G) following. (T)
(T)
(T)

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ACCESS SERVICE

20 - BellSouth Virtual Expanded Interconnection (Cont'd)

20.19 Limitations (Cont'd)

- (C) The Telephone Company will not interconnect facilities between two or more different collocators within the same BellSouth Virtual Expanded Interconnection location.
- (D) BellSouth Virtual Expanded Interconnection arrangements will be DS1 or DS3 electrical interconnections.
- (E) The BellSouth Virtual Expanded Interconnection collocator may interconnect at the DS3 level with the following Telephone Company interstate services:

- LightGate service (a.k.a. BellSouth SPA Point to Point Network) local channel or interoffice channel via a LightGate service (a.k.a. BellSouth SPA Point to Point Network) DS3 Central Office Channel Interface
- SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) via a SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) Central Office Node DS3 Channel Interface
- 28 DS1 Channelization System
- BellSouth SWA service
- SMARTPath DS3 Transport service (a.k.a. BellSouth SPA DS3 Shared Ring)
- SMARTGate service (a.k.a. BellSouth SPA Managed Shared Ring Network)
- FlexServ Port in a Digital Cross Connect System

(N)

- (F) The BellSouth Virtual Expanded Interconnection collocator may interconnect at the DS1 level with the following Telephone Company interstate services:

- DS1 local channel or interoffice channel
- DS1 Basic Channelization System
- FlexServ (a.k.a. BellSouth SPA Customer Reconfiguration) Port in a Digital Cross-Connect System
- DS1 Central Office Channel Interface associated with LightGate (a.k.a. BellSouth SPA Point to Point Network) or SMARTRing services (a.k.a. BellSouth SPA Dedicated Ring)
- BellSouth SWA Service
- SMARTPath service (a.k.a. BellSouth SPA DS1 Shared Ring)
- SMARTGate service (a.k.a. BellSouth SPA Managed Shared Ring Network)

20.20 Service Application

- (A) A collocator shall complete and provide to the Telephone Company a written application requesting a BellSouth Virtual Expanded Interconnection service arrangement and an application fee per request, per location. Details on the specific requirements of the requested BellSouth Virtual Expanded Interconnection arrangement, including interconnect drawings technical specifications, monitor and control design and other equipment related documentation, must be provided with the written application.

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20 - BellSouth Virtual Expanded Interconnection (Cont'd) (T)

20.20 Service Application (Cont'd)

- (B) The Telephone Company will process applications for BellSouth Virtual Expanded Interconnection arrangement on a first-come, first-serve basis by location as determined through the receipt of the application fee. (T)
(T)
- (C) The Telephone Company will accept letters of agency in conjunction with an application for BellSouth Virtual Expanded Interconnection. (T)
- (D) Upon receipt of the application fee, the Telephone Company will conduct the following design and planning activities:
 - (1) engineering record search and review to determine availability of conduit, rack, floor space and multiple entry points.
 - (2) determination of requirements of the requested BellSouth Virtual Expanded Interconnection design. (T)
(T)
 - (3) administrative activities required to process the application.
- (E) Once the Telephone Company has completed the design and planning activities, the collocator will be informed of the floor space and power requirements. At this time the Telephone Company will provide to the collocator a list of vendors certified to perform equipment installations.
- (F) A collocator shall have thirty (30) days from receipt of the information to place a firm order.

ACCESS SERVICE

20 - BellSouth Virtual Expanded Interconnection (Cont'd) (T)

20.20 Service Application (Cont'd)

- (G) The Telephone Company's engineering and other labor time associated with establishing and maintaining a BellSouth Virtual Expanded Interconnection Service arrangement will be billed under the provisions of 13.1 and 13.2 preceding. (T)
- (H) The collocator will contract directly with its chosen certified vendor for installation. The Telephone Company will retain project management responsibility and authority related to the installation work done in the central office (i.e., decisions as to specific location of the equipment bay, termination panel appearance, assignments, etc.). Equipment installation includes, but is not limited to, assembly, floor mounting, connecting power, connecting optical and metallic interfaces, connecting monitoring equipment, turn-up, acceptance testing, stenciling, updating central office records and any other task that may be required for compliance with the BellSouth installation standards as contained in TR-73503. The Telephone Company, in cooperation with the chosen certified vendor, will determine the installation interval. The collocator and its chosen vendor will work in close cooperation with Telephone Company representatives having project management responsibility and will comply with the installation standards specified in TR-73503.
- (I) A collocator agrees to meet with the Telephone Company on an as needed basis to review the design and work plans and schedules for the installation of the collocator-provided/Telephone Company leased terminating transmission equipment and facilities.

20.21 Service Activation

- (A) The Telephone Company will notify the collocator in writing upon completion of the installation work and prior to activating the BellSouth Virtual Expanded Interconnection arrangement. (T)
- (B) The Telephone Company will provide the BellSouth Virtual Expanded Interconnection collocator with the circuit identifications associated with the collocator-provided/Telephone Company leased terminating transmission equipment as well as specific location of the equipment, e.g., BellSouth Virtual Expanded Interconnection location, bay location, shelf, etc., at the time of installation. (T)
- (C) The Telephone Company will utilize existing test equipment, or the collocator-provided/Telephone Company leased unique test equipment, for acceptance and repair in cooperation with the BellSouth Virtual Expanded Interconnection collocator. (T)

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20 - BellSouth Virtual Expanded Interconnection (Cont'd) (T)

20.22 Training

If a collocator selects terminating transmission equipment hardware and/or software which is not currently in use in the Telephone Company location where BellSouth Virtual Expanded Interconnection will be provided, the collocator will be responsible for payment of the charges as set forth in 20.31(F) following, for any necessary training for Telephone Company personnel needed to install and repair said equipment. Additionally, the collocator will be responsible for payment of any applicable tuition fees associated with said training. (T)

In the event that the collocator does not provide the necessary training to enable Telephone Company personnel to repair said equipment, the Telephone Company may call a certified vendor to make repairs of said equipment. The collocator will reimburse the Telephone Company for any charges submitted by the certified vendor for repair of said equipment. In addition, charges for security escort will apply as set forth in 20.31(H) following.

20.23 Inspections

A BellSouth Virtual Expanded Interconnection collocator shall call to schedule a time to enter the BellSouth Virtual Expanded Interconnection location(s) for the purpose of inspecting the terminating transmission equipment dedicated for its use. A Telephone Company security escort will accompany the BellSouth Virtual Expanded Interconnection collocator during said inspections at the expense of the collocator. Security escort rates are as set forth in 20.31(G) following. (T)
(T)
(T)
(T)

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(T)

20.24 Insurance

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20 - BellSouth Virtual Expanded Interconnection (Cont'd) (T)

20.25 Maintenance

Except in emergency situations, the collocator-provided/Telephone Company leased fiber optic cable facilities and terminating transmission equipment will be maintained/repared only upon request of the BellSouth Virtual Expanded Interconnection collocator. In an emergency, the Telephone Company will use reasonable efforts to notify the BellSouth Virtual Expanded Interconnection collocator, but nevertheless may perform such maintenance/repair as deemed necessary without prior notification or request. When initiating maintenance/repair requests on equipment, the collocator must provide the Telephone Company with the associated circuit identifications and specific location of the BellSouth Virtual Expanded Interconnection equipment, as well as a detailed description of the trouble. Charges for maintenance/repair performed upon request from, or on behalf of, the BellSouth Virtual Expanded Interconnection collocator will be billed to the collocator on a time sensitive basis as described in Section 13.3.1 preceding. No charges will be assessed to the BellSouth Virtual Expanded Interconnection collocator for maintenance if said maintenance is required as a result of negligence or willful misconduct on the part of the Telephone Company, or from incidental damage resulting from Telephone Company activities. The collocator is responsible for providing equipment required for maintenance/repair spares under the terms of paragraph 20.18(A). (T)

All maintenance/repair on BellSouth Virtual Expanded Interconnection terminating transmission equipment will be performed by the Telephone Company. (T)

20.26 Liability and Damages

- (A) The Telephone Company reserves to itself, its successors and assigns, the right to utilize the space within its location(s) in such a manner as will best enable it to fulfill its own service requirements. The Telephone Company shall not be liable to the collocator for physical damage to the collocator-provided/Telephone Company leased facilities or equipment occupying a Telephone Company location unless caused by the negligence or willful misconduct of the Telephone Company. In such event, the liability of the Telephone Company shall be limited to the reasonable cost of repair/replacement of damaged facilities or equipment. The Telephone Company shall have no liability whatsoever to a collocator or customer of the collocator for lost revenues or profits occasioned by any interruption of the collocator's service or interference with the operation of the collocator-provided/Telephone Company leased facilities in a Telephone Company location(s).
- (B) The collocator shall indemnify, defend, and save harmless the Telephone Company from and against any and all losses, claims, demands, causes of action, and costs, including attorneys' fees, whether suffered, made, instituted, or asserted by the collocator or by any other party or person for damages to property and injury or death to persons, including payments made under any Workers' Compensation Law or under any plan for employees' disability and death benefits, which may arise out of or be caused by the installation, repair, use, or removal of BellSouth Virtual Expanded Interconnection collocator-provided/Telephone Company leased equipment or facilities, or by their proximity (T)

ACCESS SERVICE

20 - BellSouth Virtual Expanded Interconnection (Cont'd) (T)

20.26 Liability and Damages (Cont'd)

(B) (Cont'd)

to the equipment or facilities of another BellSouth Virtual Expanded Interconnection occupying space in a Telephone Company location(s), or by any act or omission of the Telephone Company, its employees, agents, former or striking employees, or contractors, in connection therewith. (T)

The collocator shall indemnify, defend, and save harmless the Telephone Company from and against any and all losses, claims, demands, causes of action, damages and costs, including but not limited to attorney's fees which may arise out of or be caused by the collocator's presence in the BellSouth Virtual Expanded Interconnection location and/or by acts of the collocator, its employees, agents, or contractors. The collocator shall indemnify, defend, and save harmless the Telephone Company from and against any and all damages, costs and expense of relocating conduit systems, when such relocation is necessitated by the BellSouth Virtual Expanded Interconnection arrangement and/or by acts of the collocator, its employees, agents or contractors. (T)

(D) In no event shall the Telephone Company or any of its directors, officers or employees or agents be liable for any loss of profit or revenue by the collocator or for any loss of AC or DC power, HVAC interruptions, consequential, incidental, special, punitive or exemplary damages incurred or suffered by the collocator, even if the Telephone Company has been advised of the possibility of such loss or damage. The collocator shall indemnify, defend, and hold harmless the Telephone Company, its directors, officers and employees, servants, agents, affiliates and parents, from and against any and all claims, cost, expenses or liability arising out of the installation and operation of the collocator-provided/Telephone Company leased facilities and equipment within the location.

(E) The collocator represents, warrants and covenants that it shall not cause or permit any other party to cause any environmental conditions in, at or affecting the BellSouth Virtual Expanded Interconnection location which violate any federal, state or local law, ordinance, rule or regulation. The collocator shall indemnify, defend, and hold harmless the Telephone Company from any and all liability, damage claim or cost of any kind, including reasonable attorney's fees, resulting from or arising out of any breach of the foregoing sentence. (T)

ACCESS SERVICE

20 - BellSouth Virtual Expanded Interconnection (Cont'd) (T)

20.26 Liability and Damages (Cont'd)

- (F) The collocator shall be responsible for the actions of all persons under its control when working in a Telephone Company manhole, or other point of interconnection outside of the BellSouth Virtual Expanded Interconnection location. (T)
- (G)(1) If the interconnection floor space or any part thereof shall be damaged by fire or other casualty, the Telephone Company shall give immediate notice thereof to the collocator and the provisions of this tariff shall continue in full force and effect except as hereinafter set forth. (T)
- (2) If the interconnection floor space is partially damaged or rendered partially unusable by fire or other casualty not caused by the collocator, the damages thereto shall be repaired by and at the expense of the Telephone Company. The interconnection floor space fee, until such repair shall be substantially completed, shall be reduced from the day following the casualty according to the portion of the interconnection space and/or associated cable and conduit spaces which are rendered unusable.
- (3) If the interconnection floor space, cable space, or conduit space is totally damaged or rendered wholly unusable by fire or other casualty not caused by the collocator, then the occupancy fees shall be paid up to the time of the casualty and thenceforth shall cease until the date when the space shall have been repaired and restored by the Telephone Company, subject to the Telephone Company's right to elect not to restore the same as hereinafter provided.
- (4) If the interconnection floor space, cable space, or conduit space is rendered wholly unusable or if the building shall be so damaged that the Telephone Company shall decide to demolish it or not to rebuild it, then, in any of such events, the Telephone Company may elect to terminate service under this tariff by written notice to the collocator given within ninety (90) days after such fire or casualty specifying a date for the cessation of service, which date shall not be more than sixty (60) days after the giving of such notice, and upon the date specified in such notice service under this tariff shall cease and the BellSouth Virtual Expanded Interconnection arrangement with the collocator shall forthwith be terminated and the collocator-provided/Telephone Company leased remaining equipment removed and returned to the collocator without prejudice however to the Telephone Company's rights and remedies (T)

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20- BellSouth Virtual Expanded Interconnection (Cont'd) (T)

20.26 Liability and Damages (Cont'd)

(G) (Cont'd)

(4) (Cont'd)

against the collocator under the tariff provisions in effect prior to such termination, and any facility/equipment fees owing shall be paid up to such date and any payments of fees made by the collocator which were on account of any period subsequent to such date shall be returned to the collocator. Unless the Telephone Company shall serve a termination notice as provided for herein, the Telephone Company shall make the repairs and restorations under the conditions of (2) and (3) above, with all reasonable expedition subject to delays due to adjustment of insurance claims, labor troubles and causes beyond the Telephone Company's reasonable control. After any such casualty, the collocator shall cooperate with the Telephone Company's restoration by agreeing to the Telephone Company removing from the interconnection floor space all of the salvageable inventory and movable equipment. The collocator's liability for BellSouth Virtual Expanded Interconnection fees shall resume upon reactivation of service after the Telephone Company has notified the collocator that the BellSouth Virtual Expanded Interconnection arrangement has been restored to a condition comparable to that existing prior to such casualty. (T)
(T)
(T)

20.27 Confidential Information

The Telephone Company agrees to hold in confidence information provided to it by a collocator pursuant to this tariff; and information known to the Telephone Company as a result of the interconnection of collocator-provided/ Telephone Company leased equipment to Telephone Company facilities and services if such information is of a competitive nature. Similarly, the collocator agrees to hold in confidence information provided to it by the Telephone Company pursuant to this tariff if such information is of a competitive nature. Neither party is obligated to hold in confidence information that:

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20 - BellSouth Virtual Expanded Interconnection (Cont'd) (T)

20.27 Confidential Information (Cont'd)

- was already known to the Party free of any obligation to keep said information confidential;
- was or becomes publicly available by other than unauthorized disclosure; or
- was rightfully obtained from a third party not obligated to hold such information in confidence

20.28 Title

This tariff does not convey to a collocator any right, title or interest in the Telephone Company facility; interconnection space; cable space; cable racking; vault or conduit space used in the provisioning of a BellSouth Virtual Expanded Interconnection arrangement.

(T)
(T)

20.29 Force Majeure

The Telephone Company shall not be liable for any delay or failure in performance of any part of this tariff to the extent that such failure or delay is caused by acts of God, acts of civil or military authority, government regulations, embargoes, epidemics, war, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents, floods, strikes, power blackouts, volcanic action, other major environmental disturbances, unusually severe weather conditions, inability to secure products or services of other persons or transportation facilities, or acts or omissions of transportation common carriers or other causes beyond the control of the Telephone Company.

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20 - BellSouth Virtual Expanded Interconnection (Cont'd)

20.30 Rate Regulations

20.30.1 BellSouth Virtual Expanded Interconnection Elements

Regulations governing the application of BellSouth Virtual Expanded Interconnection rates and charges are described below. Rates and charges for each element are specified in 20.31 following. (T)

(A) Application Fee

An Application Fee in the amount specified in 20.31 following must be submitted with the collocator's application for BellSouth Virtual Expanded Interconnection service. The first-come, first-served policy of processing applications for BellSouth Virtual Expanded Interconnection arrangements will be determined based upon the order of receipt of applications for BellSouth Virtual Expanded Interconnection along with the Application Fee. The Application Fee will be used for design and planning activities which include an engineering record search for conduit, rack, and floor space availability and a determination of requirements for the requested BellSouth Virtual Expanded Interconnection design. (T)1 (T) (T) (T)

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- 20 - BellSouth Virtual Expanded Interconnection (Cont'd) (T)
- 20.30 Rate Regulations (Cont'd)
- 20.30.1 BellSouth Virtual Expanded Interconnection Elements (Cont'd) (T)
 - (A) Application Fee (Cont'd)
 - An Application Fee is required with each BellSouth Virtual Expanded Interconnection arrangement application submitted per location. If more than one BellSouth Virtual Expanded Interconnection arrangement is ordered at the same location on the initial BellSouth Virtual Expanded Interconnection arrangement application, then only one Application Fee will apply. A subsequent application for an additional arrangement within the same location must be submitted with another Application Fee. (T)
 - (B) Cable Installation Charges
 - The Cable Installation Charge applies for each BellSouth Virtual Expanded Interconnection cable ordered within a location. Cable installation involves activities associated with pulling the collocator-provided/Telephone Company leased fiber cable from the interconnection point to the BellSouth Virtual Expanded Interconnection terminating equipment or the vault, installing collocator-provided/Telephone Company leased fire retardant riser cable, and splicing the entrance fiber cable to the riser cable. (T)
 - Payment of the Cable Installation Charge must be made prior to the Telephone Company commencing work on the BellSouth Virtual Expanded Interconnection arrangement work order. The Cable Installation Charge will not apply on subsequent BellSouth Virtual Expanded Interconnection arrangement orders within the same location for the same BellSouth Virtual Expanded Interconnection collocator if the collocator and Telephone Company jointly determine that efficient cable facilities exist to accommodate the subsequent BellSouth Virtual Expanded Interconnection arrangement(s). (T)

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- 20 - BellSouth Virtual Expanded Interconnection (Cont'd) (T)
- 20.30 Rate Regulations (Cont'd)
- 20.30.1 BellSouth Virtual Expanded Interconnection Elements (Cont'd) (T)

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20 - BellSouth Virtual Expanded Interconnection (Cont'd)

20.30 Rate Regulations (Cont'd)

20.30.1 BellSouth Virtual Expanded Interconnection Elements (Cont'd)

(D) Cable Support Structure

The Cable Support Structure monthly recurring charge applies for the use of conduit from the point of interconnection to the cable vault or other central office entrance, and for entrance and riser cable rack space.

(E) Cross-Connect

A monthly recurring charge applies for the DS1/DS3 Cross-Connect element which consists of the cross-connect panel, cable racks, bay framework, jumpers and other supporting hardware.

The DS1/DS3 Cross-Connect element is designated as BellSouth SWA or Special Access (a.k.a. BellSouth SPA) depending on the type of service to which it cross connects. The Switched DS1/DS3 Cross-Connect is subject to the jurisdictional report requirements as set forth in 2.3.10 preceding. (T)1

Nonrecurring charges for the DS1/DS3 Cross-Connect are assessed on a "First" and "Additional" basis.

(F) Floor Space

Floor Space consists of two monthly recurring rate elements that apply as follows:

Per Square Foot - The Per Square Foot element applies for the floor space required to provision the BellSouth Virtual Expanded Interconnection arrangement and includes heat, ventilation, and air conditioning (HVAC), lighting, and AC power. (T)
(T)

Per Ampere - The Per Ampere element consists of two separate -48 volts direct current feeds (A&B) with battery back-up and applies per ampere for the equipment maximum power requirement.

(G) Security Escort

A security escort is provided to a collocator whenever the collocator, or approved agent, desires access to the entrance manhole or to inspect the collocator-provided/Telephone Company leased terminal transmission equipment.

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20 - BellSouth Virtual Expanded Interconnection (Cont'd) (T)

20.30 Rate Regulations (Cont'd)

20.30.1 BellSouth Virtual Expanded Interconnection Elements (Cont'd) (T)

Charges for a security escort are assessed in half-hour increments as either Basic, Overtime, or Premium Time charges. A request resulting in the dispatch of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of three hours.

(H) Training

When collocator-provided/Telephone Company leased equipment (hardware and/or software) is identical to that already in use in the Telephone Company location:

No Training Charges Are Applicable

When collocator-provided/Telephone Company leased equipment (hardware and/or software) is not identical to that already in use in the Telephone Company location:

Charges as set forth in 20.31(F) as applicable. (T)

20.30.2 Access Service Elements

(A) The access service elements, as set forth in Section 3, Carrier Common Line Access Service; Section 6, BellSouth SWA service; Section 9, BellSouth Directory Assistance; Section 16, Telecommunications Relay Service Transport; Section 18, Operator Service; and Section 19, BellSouth Line Information Data Base service, ordered and/or working in association with DS1/DS3 Switched Cross-Connect Service will be billed to and paid by the customer of record for the service involved, unless the BellSouth Virtual Expanded Interconnection customer request and/or agrees to be responsible for all charges. (T)

(B) For BellSouth SWA service line or trunk activation charges, see Section 6.8.1(E) preceding. (T)

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20 - BellSouth Virtual Expanded Interconnection Service (Cont'd) (T)

20.31 Rates and Charges

		<u>ALL STATES</u>			
		<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
(A)	Application Fee (Per Location)	EAF	None	\$ 2,848.30*	
(B)	Cable Installation Charge (Per Cable)	ESPCX	None	\$ 2,750.00	
(C)	Cable Support Structure (Per Cable)	ESPSX	\$13.35*	None	
		<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
				<u>First</u>	<u>Additional</u>
(D)	Cross-Connect Per DS1- Special (a.k.a. BellSouth SPA)	CNC1X	\$ 7.50	\$155.00	\$14.00
	BellSouth SWA	CNDS1			
	Per DS3 Special (a.k.a. BellSouth SPA)	CND3X	\$56.25*	\$151.90*	\$11.83*
	BellSouth SWA	CNDS3			
		<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	
(E)	Floor Space				
	-Per Square Foot	ESPVX	\$ 3.20*	None	
	-Per Ampere	ESPAX	\$ 3.48*	None	
(F)	Training, Per Trainee				
	-Living Expenses, Per Day	CTRLD		\$136.67	
	-Labor rate, First 1/2 hour and each additional 1/2 or fraction thereof	CTRLX			
	Basic Time			30.64	
	Overtime			35.77	
	Premium Time			40.90	
	-Air Fare/Travel Expense, Per Trip	CTRTA		555.00	

* These rates were effective May 15, 1995.

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20 - BellSouth Virtual Expanded Interconnection (Cont'd)

(T)

20.31 Rates and Charges

	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
(G) Security Escort			
-Basic Time, normally scheduled work hours	SPTBX	\$41.00	\$25.00
-Overtime, outside of normally scheduled working hours on a scheduled work day	SPTOX	\$48.00	\$30.00
-Premium Time, outside of scheduled work day	SPTPX	\$55.00	\$35.00

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ACCESS SERVICE

21 - Fast Packet Access Services

The Telephone Company will provide five types of Fast Packet Access Services: Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) as described in Section 21.1 following, Exchange Access Connectionless Data Service (XACDS) (a.k.a. BellSouth Exchange Access Connectionless Data Service) as described in 21.2 following, BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS) as described in 21.3 following, BellSouth Managed Shared Frame Relay Service (MSFRS) as described in 21.4 following and BellSouth Managed Shared Asynchronous Transfer Mode Service (MSATMS) as described in 21.5 following. Switch locations supporting Fast Packet Access Services are as specified in the National Exchange Carrier Association (N.E.C.A.) Tariff F.C.C. No. 4.

(M)

Material previously appearing on this page now appears on Original 21-1.0.3.

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ACCESS SERVICE

21 - Fast Packet Access Services

21.0.1 Application Testing

The purpose of an application test is to determine the appropriateness of that specific service(s) for that specific application prior to the customer placing a firm order for such service(s). The Telephone Company will provide a limited amount of such service(s) subject to conditions specified in 21.0.1 A-21.0.1 D following. Such service is to be utilized in an initial application test with a customer for no longer than 90 days (unless otherwise stated in 21.0.1 D) from the date of installation. Application testing is available until December 31, 2003. The following services are eligible for application testing: Exchange Access Frame Relay Service, Managed Shared Frame Relay Service, Exchange Access Asynchronous Transfer Mode Service, and Managed Shared Asynchronous Transfer Service.

- A. Services to be provided in an application test are subject to the availability of facilities and equipment as determined by the Telephone Company. The Telephone Company makes no warranties with respect to the performance of certain services for any and all possible customer applications which may utilize these services.
- B. Application testing is available on a one time per application basis. Services that are utilized in an application test with a customer may be provided with credits for an application test period of up to 90 days. The maximum credits allowed will be \$10,600 total for monthly recurring charges and \$10,000 total for nonrecurring charges during the test period. Only customers whose current interstate monthly billing from this tariff is equal to or greater than \$500,000 are eligible to participate in Application Testing. Before Application Testing can begin, customers must execute an Application Testing Enrollment Form.
- C. Such service is provided for the specific purpose of conducting an application test with a customer and is not intended to be utilized as a substitute for temporary service.
 - 1. Upon completion of the application test where the customer determines that the performance of the services utilized are unacceptable for the application, the application test service will be removed without charge to the customer.
 - 2. Upon completion of the application test where the customer determines that the performance of the services utilized are acceptable for the application and no changes to the test service configuration are required, the customer will be billed the appropriate charges for the test service and monthly billing will begin at the time.¹
 - 3. Upon completion of the application test where the customer determines that the performance of the services utilized are acceptable for the application, however, the test service configuration must be changed, the customer shall be responsible for both the appropriate nonrecurring charges for the application test service plus all appropriate charges for the rearrangement of the service. Monthly billing shall begin for the rearranged service.¹

Note 1: Any additional service requested to be installed upon completion of the application test shall be subject to standard tariff nonrecurring charges and rates set forth in each service tariff.

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(N)

21 - Fast Packet Access Services

(N)

21.0.1 Application Testing (Cont'd)

(N)

- D. The Telephone Company may extend the application testing period due to the following conditions: 1) Delay in provisioning of applicable test circuits due to circumstances beyond reasonable control (natural disasters, work stoppage, war, etc.), or 2) Technical problems encountered during the application testing period with either the Telephony Company or Customer equipment.

(N)

(N)

(N)

(N)

(N)

(N)

ACCESS SERVICE

(M)

21 - Fast Packet Access Services

(M)

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service)

(M)

(M)

21.1.1 General Description

(M)

Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) is a connection oriented packet-switched data service allowing for the interconnection of local area networks (LANS) or other compatible customer equipment. This service provides efficient throughput at various transmission speeds.

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XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) allows for the transfer of variable length frames (packets). Frames are relayed by virtual connections; frames travel a fixed path through the network although bandwidth is not dedicated to each virtual connection.

(M)

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This service uses permanent virtual circuits (PVCs). A PVC is a logical channel from one XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) network interface to another XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) network interface. PVCs are end-to-end, bi-directional channels that are established via the service provisioning process.

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The XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) standard specifies an address field called the Data Link Connection Identifier (DLCI). The DLCI specifies a connection. A Standard PVC is created via the mapping of two Standard DLCIs; on an optional basis, features are available to allow the creation of Priority PVCs and PVCs established via Frame Relay to ATM Network Interworking with an ATM Service network interface.

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XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) is comprised of a network interface component plus optional features. Connection to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) network interfaces may be accomplished through dedicated access. For interstate dedicated access, rates, charges, and regulations for Special Access (a.k.a. BellSouth SPA) Services are specified in Section 7 preceding. Only non-channelized bandwidth may terminate on an XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) network interface.

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TARIFF F.C.C. NO. 1
2ND REVISED PAGE 21-1.1
CANCELS 1ST REVISED PAGE 21-1.1

EFFECTIVE: AUGUST 31, 2002

ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

21.1.1 General Description (Cont'd)

There are two network interfaces available - a user network interface (UNI) and a network-to-network interface (NNI).

The user network interface (UNI) is a standard interface used to connect the customer to the XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) network. It receives the data frame from the customer's network or device and verifies that the DLCI is valid before relaying the frame to the destination. The UNI is offered at transmission speeds of 56 Kbps, 64 Kbps, 112 Kbps, 128 Kbps, 192 Kbps, 256 Kbps, 320 Kbps, 384 Kbps, 448 Kbps, 512 Kbps, 576 Kbps, 640 Kbps, 704 Kbps, 768 Kbps, 1024 Kbps, 1152 Kbps, 1.536 Mbps, 3 Mbps, 6 Mbps, 9 Mbps, 12 Mbps, 15 Mbps, 18 Mbps, 21 Mbps, 24 Mbps, 27 Mbps, 30 Mbps, 33 Mbps and 44.210 Mbps. (C)
(N)
(N)

The network-to-network interface (NNI) specifies how an XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) switch sends and receives data from another provider's Frame Relay switch. The NNI is offered at transmission speeds of 56 Kbps, 64 Kbps, 112 Kbps, 128 Kbps, 192 Kbps, 256 Kbps, 320 Kbps, 384 Kbps, 448 Kbps, 512 Kbps, 576 Kbps, 640 Kbps, 704 Kbps, 768 Kbps, 1024 Kbps, 1152 Kbps, 1.536 Mbps, 3 Mbps, 6 Mbps, 9 Mbps, 12 Mbps, 15 Mbps, 18 Mbps, 21 Mbps, 24 Mbps, 27 Mbps, 30 Mbps, 33 Mbps and 44.210 Mbps. (C)
(N)

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3RD REVISED PAGE 21-2
CANCELS 2ND REVISED PAGE 21-2

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ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

21.1.2 Service Description

(1) Installation of Service

Nonrecurring charges apply to each UNI or NNI on each XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) installed, except as set forth in 21.1.8 following.

Nonrecurring charges for the Network Interface elements are set forth in 21.1.10(A) following.

(2) Installation of Optional Features

Nonrecurring charges apply to the installation of optional features as set forth in 21.1.10(B) following.

(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in a change in the minimum period requirements as set forth in 5.6(E) preceding. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. A change which results from a transfer of service is described and charged as set forth in (4) and 21.1.10(D) following.

(4) Transfer of Service

When a change in billing data (e.g., name, address, contract name, or telephone number) is requested in association with a change in the customer's record, transfer of service charges, as set forth in 21.1.10(D) following will apply. Charges are applied on a Billing Account Number (BAN).

(M)

EFFECTIVE: MARCH 3, 2001

ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

21.1.2 Service Description (Cont'd)

(5) Maintenance

In order to maintain the quality of XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service), the Telephone Company reserves the right to perform preventive maintenance and software updates to the network. This could result in XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on the specific days as set forth by state in the following chart. The Telephone Company only expects to utilize this maintenance window for any given switch on the average of once a quarter. However, the Telephone Company reserves the right to perform maintenance at any time at its discretion that it believes such maintenance is necessary. The Telephone Company will make a reasonable effort to provide notice to those customers likely to be affected by such maintenance work.

<u>State</u>	<u>Scheduled Maintenance Days</u>
Alabama	Sunday and Monday
Florida	Sunday and Wednesday
Georgia	Sunday and Friday
Kentucky	Sunday and Monday
Louisiana	Sunday and Tuesday
Mississippi	Sunday and Tuesday
North Carolina	Sunday and Saturday
South Carolina	Sunday and Saturday
Tennessee	Sunday and Thursday

Certain material on this page previously appeared on 2nd Revised Page 21-2.

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ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd) (T)
(T)

21.1.3 Technical Specifications

The provision of Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) requires the applicable network interface component. In addition, the customers may add optional features. Each of the components of the service are described in this Section. (T)
(T)

All services installed after the effective date of this tariff will conform to the transmission specification standards in the following references:

- UNI specifications for XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) are: (T)
(T)

ANSI T1.617-1991, "Integrated Services Digital Network (ISDN) - Digital Subscriber Signaling System No. 1 (DSS1) - Signaling Specification for Frame Relay Service", American National Standards Institute, and ANSI T1.618-1991, "Integrated Services Digital Network (ISDN) - Core Aspects of Frame Relay Bearer Service", American National Standards Institute.

Document No. 001-208966, "Frame Relay Specification with Extension Based on Proposed T1S1 Standards", Digital Equipment Corporation, Northern Telecom, Inc., and StrataCom, Inc.

- NNI specifications for XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) are: (T)
(T)

Frame Relay Forum Document FRF.2, Frame Relay Network-to-Network Phase 1 Implementation Agreement.

All UNI access facilities must be in conformance with ANSI standards T1.617-1991, T1.618-1991.

All NNI access facilities must be in conformance with ANSI standards and Bellcore Technical Reference TS-TSV-001370.

- performance specifications for XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) are: (T)
(T)
BellSouth Technical Reference 73587, Frame Relay Service Interface and Performance Specifications.

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TARIFF F.C.C. NO. 1
8TH REVISED PAGE 21-4
CANCELS 7TH REVISED PAGE 21-4

EFFECTIVE: JANUARY 11, 2002

ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service (Cont'd)

21.1.4 Interface Specifications

The following specifications are available with this service:

- Digital packet (UNI)
- Digital packet (NNI)

21.1.5 Acceptance Testing

At no additional charge, and at the customer's request, the Telephone Company will cooperatively test at the time of installation.

21.1.6 Ordering Options and Conditions

The Access Order, as set forth in Section 5 preceding, is used in the provisioning of Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service). Also included in that section are other charges which may be associated with ordering XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) (e.g., Service Date Change Charges, Cancellation Charges, etc.).

21.2.7 Minimum Period of Service

The minimum period is one month.

21.1.8 Rate Regulations

Rates and charges are specified in 21.1.10 following for Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service). XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) is available under the Fast Packet Services Payment Plan (SPP) as specified in 2.4.8(C) preceding.

(C)
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Certain material previously appearing on this page now appears on Original Page 21-4.1.

EFFECTIVE: JANUARY 11, 2002

ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service (Cont'd)

21.1.8 Rate Regulations (Cont'd)

For a promotional period from January 11, 2002 to April 10, 2002, customers may receive a credit for BellSouth Exchange Access ATM Service(XAATMS), BellSouth Exchange Access Frame Relay Service(XAFRS), BellSouth Managed Shared ATM Service(MSATMS) and BellSouth Managed Shared Frame Relay Service(MSFRS) Nonrecurring Charges for new ATM user-to-network interfaces(UNIs) and/or new Frame Relay network-to-network interface(NNIs) of DS1 or higher speed, provided the following criteria are met:

1. New ATM UNIs and/or Frame Relay NNIs are XAATMS, XAFRS, MSFRS, and/or MSATMS connections;
2. These new ATM UNIs and/or new Frame Relay NNIs must be ordered in at least 10 LATAS;
3. Five or more of these new ATM UNIs and/or new Frame Relay NNIs must be speeds of DS3 or higher
4. XAATMS and XAFRS connections must be ordered under the Fast Packet Services Payment Plan, Plan B(25-48 months) or a Fast Packet Savings Plan;
5. MSFRS and MSATMS connections must be ordered under a Fast Packet Savings Plan;
6. Installation must be completed by May 10, 2002.

Customers must pay Nonrecurring Charges at due date to avoid late payment fees. Credits equal to Nonrecurring Charges that are billed for installation will be applied at the end of the promotional period. No interest will be paid on these credits from payment date to credit date.

Unless specified otherwise, Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) is available for use with the Fast Packet Savings Plan subject to the regulations provided in 2.4.8(F) preceding.

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5TH REVISED PAGE 21-5
CANCELS 4TH REVISED PAGE 21-5

EFFECTIVE: OCTOBER 5, 2001

ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

21.1.9 Rate Categories

The following rate categories apply to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service):

(A) Network Interface

This rate category provides for the customer's termination on the Fast Packet switch. The Network Interface rate category includes the packet switching function.

(B) Optional Features

The Optional Features rate category provides for optional features that may be added to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) to improve its quality or utility to meet specific communications requirements.

(1) DLCIs per UNI or NNI

This feature provides for the assignment of Data Link Channel Identifiers (DLCIs) per UNI or NNI. One DLCI is required per UNI or NNI. When any two DLCIs are mapped together, a PVC can be created. On an optional basis, a single PVC may also be created via the mapping of a DLCI and an ATM Service PVC Segment. (C)

One Initial DLCI is applicable when DLCIs are ordered at the same time as the installation of a UNI or NNI. Only one "Initial" DLCI (either one Initial Standard DLCI or one Initial Priority DLCI) is allowed per UNI or NNI. Additional DLCIs (beyond this initial DLCI) ordered with the installation of the UNI or NNI and any DLCIs ordered subsequent to the installation of the UNI or NNI are considered Additional DLCIs. A DLCI which is not a Priority DLCI, as discussed following, is referred to as a Standard DLCI. (C)

Priority PVC capability allows a customer to differentiate specific PVCs with regard to the importance of the data within those PVCs as compared to other PVCs. In the case of contention or network congestion, the network will give precedence to the frames of a Priority PVC over frames of a Standard PVC. XAFRS (a.k.a., BellSouth Exchange Access Frame Relay service) allows the creation of Priority PVCs. Such a Priority PVC is formed by the mapping of two Priority DLCIs (as set forth in 21.1.10(B)); these Priority DLCIs must have an associated CIR value of greater than zero. A request to convert an existing Standard PVC to a Priority PVC (or vice versa) shall be considered as a request to disconnect the existing DLCIs and as a request to connect the new DLCIs. (T)

ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

21.1.9 Rate Categories (Cont'd)

(B) Optional Features (Cont'd)

(2) Committed Information Rate (CIR)

Committed Information Rate is a feature that enables the customer to select a sustained throughput under normal conditions. A CIR must be selected for each DLCI.

A standard CIR rate element is applicable per DLCI when it is to be mapped to another DLCI to form a single PVC. (N)

A Frame Relay to ATM Network Interworking CIR rate element is applicable per DLCI when it is to be mapped to an ATM Service PVC Segment to form a single Frame Relay to ATM Network Interworking PVC. The mapping of a DLCI to an ATM PVC Segment is permitted on a per PVC basis. The Frame Relay data is essentially encapsulated in an ATM Service bit stream and retrieved by the ATM customer's CPE as Frame Relay. Associated rates and charges for the related ATM Service apply as usual from the appropriate ATM Service tariff. Only Frame Relay DLCIs and ATM PVC Segments of a comparable quality of service can be mapped together to form a single PVC; the specific combinations of Frame Relay DLCIs and ATM PVC Segments permitted to be mapped together are as follows: (N)

<u>Frame Relay DLCI:</u>	<u>ATM PVC Segment¹:</u>	(N)
--------------------------	-------------------------------------	-----

-Non-priority with 0 CIR	and UBR	(N)
-Non-priority with >0 CIR	and VBR-NRT	(N)
-Priority with >0 CIR	and VBR-RT	(N)

The rate elements for standard CIR with a value greater than zero and all Frame Relay to ATM Network Interworking CIR have a separate charge. Frames submitted at a rate above the subscribed CIR will be marked "discard eligible" (DE) and, should network congestion occur, are subject to being dropped by the network. If CIR is set equal to zero, then all frames will be marked DE. However, in the absence of network congestion, DE marked frames will be transported with the same reliability as frames not marked DE. The CIR value selected cannot exceed the minimum transmission speed of the link of either end of the PVC. (C)

The CIR value of Priority DLCIs must be greater than zero.

Note 1: Due to technical limitations a mapping combination involving an ATM CBR PVC Segment is not possible. (N)

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ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd) (T)

21.1.9 Rate Categories (Cont'd)

(C) Feature Change Charge

In addition to any specific Optional Feature charges, a Feature Change Charge applies whenever a change is made (at the customer's request) to a single optional feature within a single network configuration on a single switch. Although multiple changes may be caused by such actions, only one Feature Change Charge will apply.

(D) Transfer of Service

When a change to the customer of record is requested, transfer of service charges, as set forth in 21.1.10(D) following will apply. Charges are applied on a Billing Account Number (BAN).

Administrative changes, as identified below, will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity. (i.e., customer remains responsible for all outstanding indebtedness for Access Service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name -- e.g., AT&T-Long Lines to AT&T-Long Lines to AT&T-Communications),
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data (name, address, or contract name or telephone number. The customer of record does not change),
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name of telephone number, and
- Change of jurisdiction.

All other service arrangements, including physical changes to existing services, will be charged as follows:

- If the change involves the addition of an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.

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ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service (Cont'd))

21.1.10 Rates and Charges

(A) Network Interface

	USOC	Month to Month	A 12 to 24 Months	B 25 to 48 Months	Nonrecurring Charges
- Per UNI					
- 56 Kbps	XAFU5	\$ 62.00	\$ 49.00	\$ 44.00	\$ 300.00
- 64 Kbps	XAFU6	70.00	56.00	50.00	300.00
- 112 Kbps	XAFUA	133.00	106.40	93.10	467.00
- 128 Kbps	XAFUB	133.00	106.40	93.10	467.00
- 192 Kbps	XAFUC	167.00	133.60	116.90	467.00
- 256 Kbps	XAFUD	180.00	144.00	126.00	467.00
- 320 Kbps	XAFUE	203.00	162.40	142.10	467.00
- 384 Kbps	XAFUF	203.00	162.40	142.10	500.00
- 448 Kbps	XAFUG	206.00	164.80	144.20	500.00
- 512 Kbps	XAFUH	206.00	164.80	144.20	500.00
- 576 Kbps	XAFUJ	208.00	166.40	145.60	500.00
- 640 Kbps	XAFUK	208.00	166.40	145.60	500.00
- 704 Kbps	XAFUL	211.00	168.80	147.70	500.00
- 768 Kbps	XAFUM	211.00	168.80	147.70	500.00
- 1024 Kbps	XAFUN	213.00	170.40	149.10	500.00
- 1152 Kbps	XAFUO	213.00	170.40	149.10	500.00
- 1.536 Mbps	XAFU1	294.00	234.00	210.00	410.00
- 3 Mbps ¹	XAFUP	\$1215.00	\$ 972.00	\$ 851.00	1046.00
- 6 Mbps ¹	XAFUQ	1252.00	1002.00	876.00	1046.00
- 9 Mbps ¹	XAFUR	1350.00	1080.00	945.00	1046.00
- 12 Mbps ¹	XAFUS	1448.00	1158.00	1014.00	1046.00
- 15 Mbps ¹	XAFUT	1546.00	1237.00	1082.00	1046.00
- 18 Mbps ¹	XAFUU	1644.00	1315.00	1151.00	1046.00
- 21 Mbps ¹	XAFUV	1742.00	1394.00	1219.00	1046.00
- 24 Mbps ¹	XAFUW	1840.00	1472.00	1288.00	1046.00
- 27 Mbps ¹	XAFUX	1938.00	1550.00	1357.00	1046.00
- 30 Mbps ¹	XAFUY	2036.00	1629.00	1425.00	1046.00
- 33 Mbps ¹	XAFUZ	2134.00	1707.00	1494.00	1046.00
- 44.210 Mbps	XAFU4	2426.00	1920.00	1715.00	1050.00

(N)
 (M)

Note 1: A Subrate T-3 Network Interface(from 3 to 33 Mbps) is provisioned (N)
 utilizing 44.210 Mbps of transport bandwidth; no other service(s) (N)
 may utilize the remaining bandwidth. (N)

Material that previously appeared on this page now appears on Original 21-7.1 (N)

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ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service (Cont'd)

21.1.10 Rates and Charges (Cont'd)

(A) Network Interface (Cont'd)

	USOC	Month to Month	A 12 to 24 Months	B 25 to 48 Months	Nonrecurring Charges
- Per NNI					
- 56 Kbps	XAFN5	62.00	49.00	44.00	300.00
- 64 Kbps	XAFN6	70.00	56.00	50.00	300.00
- 112 Kbps	XAFNA	133.00	106.40	93.10	467.00
- 128 Kbps	XAFNB	133.00	106.40	93.10	467.00
- 192 Kbps	XAFNC	167.00	133.60	116.90	467.00
- 256 Kbps	XAFND	167.00	133.60	116.90	467.00
- 320 Kbps	XAFNE	203.00	162.40	142.10	467.00
- 384 Kbps	XAFNF	203.00	162.40	142.10	500.00
- 448 Kbps	XAFNG	206.00	164.80	144.20	500.00
- 512 Kbps	XAFNH	206.00	164.80	144.20	500.00
- 576 Kbps	XAFNJ	208.00	166.40	145.60	500.00
- 640 Kbps	XAFNK	208.00	166.40	145.60	500.00
- 704 Kbps	XAFNL	211.00	168.80	147.70	500.00
- 768 Kbps	XAFNM	211.00	168.80	147.70	500.00
- 1024 Kbps	XAFNN	213.00	170.40	149.10	500.00
- 1152 Kbps	XAFNO	213.00	170.40	149.10	500.00
- 1.536 Mbps	XAFN1	294.00	234.00	210.00	410.00
- 3 Mbps ¹	XAFNP	1215.00	972.00	851.00	1046.00
- 6 Mbps ¹	XAFNQ	1252.00	1002.00	876.00	1046.00
- 9 Mbps ¹	XAFNR	1350.00	1080.00	945.00	1046.00
- 12 Mbps ¹	XAFNS	1448.00	1158.00	1014.00	1046.00
- 15 Mbps ¹	XAFNT	1546.00	1237.00	1082.00	1046.00
- 18 Mbps ¹	XAFNU	1644.00	1315.00	1151.00	1046.00
- 21 Mbps ¹	XAFNV	1742.00	1394.00	1219.00	1046.00
- 24 Mbps ¹	XAFNW	1840.00	1472.00	1288.00	1046.00
- 27 Mbps ¹	XAFNX	1938.00	1550.00	1357.00	1046.00
- 30 Mbps ¹	XAFNY	2036.00	1629.00	1425.00	1046.00
- 33 Mbps ¹	XAFNZ	2134.00	1707.00	1494.00	1046.00
- 44.210 Mbps	XAFN4	2426.00	1920.00	1715.00	1050.00

Note 1: A Subrate T-3 Network Interface(from 3 to 33 Mbps) is provisioned utilizing 44.210 Mbps of transport bandwidth; no other service(s) may utilize the remaining bandwidth.

Certain material on this page previously appeared on page 4th Revised Page 21-7.

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ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

21.1.10 Rate and Charges (Cont'd)

(B) Optional Features

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
- DLCI			
- Initial Standard DLCI ¹	XAFD1	None	None
- Additional Standard DLCI	XAFD2	\$1.50	\$70.00
- Initial Priority DLCI ^{1,2}	XAFP1	\$5.00	None
- Additional Priority DLCI ²	XAFP2	\$5.00	\$70.00
- Standard Committed Information Rate (CIR) (Per DLCI to be mapped to another DLCI) cannot exceed the minimum transmission speed of the link at either end of the PVC			(C) (C)
- 0 Bps	XAFCA	None	None
- Over 0 thru 32 Kbps	XAFCB	\$ 6.30	None
- Over 32 thru 56 Kbps	XAFCC	10.80	None
- Over 56 thru 64 Kbps	XAFCD	11.70	None
- Over 64 thru 128 Kbps	XAFCE	16.20	None
- Over 128 thru 256 Kbps	XAFCH	21.60	None
- Over 256 thru 384 Kbps	XAFCK	25.20	None
- Over 384 thru 512 Kbps	XAFCK	28.80	None
- Over 512 thru 768 Kbps	XAFCL	32.40	None
- Over 768 Kbps thru 1.536 Mbps	XAFCM	41.25	None
- Over 1.536 thru 4 Mbps	XAFCP	130.00	None
- Over 4 thru 10 Mbps	XAFCC	325.00	None
- Over 10 thru 16 Mbps	XAFCC	525.00	None
- Over 16 thru 34 Mbps	XAFCT	1100.00	None
- Over 34 thru 44.210 Mbps	XAFCT	1500.00	None

Note 1: One "Initial" DLCI is applicable when DLCIs are ordered at the same time as the installation of the Network Interface. Only one Initial DLCI (either one Initial Standard DLCI or one Initial Priority DLCI) is allowed per Network Interface. All other DLCIs are considered Additional DLCIs.

Note 2: A Priority DLCI must have CIR with a value greater than 0.

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21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd) (N)

21.1.10 Rate and Charges (Cont'd) (N)

(B) Optional Features (Cont'd) (N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	(N)
- Frame Relay to ATM Network Interworking Committed Information Rate (CIR) (Per DLCI to be mapped to an ATM PVC Segment) cannot exceed the minimum transmission speed of the link at either end of the PVC				(N)
- 0 Bps	XAF5A	\$.15	None	(N)
- Over 0 thru 32 Kbps	XAF5B	6.90	None	(N)
- Over 32 thru 56 Kbps	XAF5C	11.90	None	(N)
- Over 56 thru 64 Kbps	XAF5D	12.90	None	(N)
- Over 64 thru 128 Kbps	XAF5G	17.80	None	(N)
- Over 128 thru 256 Kbps	XAF5H	23.80	None	(N)
- Over 256 thru 384 Kbps	XAF5J	27.70	None	(N)
- Over 384 thru 512 Kbps	XAF5K	31.70	None	(N)
- Over 512 thru 768 Kbps	XAF5L	35.60	None	(N)
- Over 768 Kbps thru 1.536 Mbps	XAF5M	45.40	None	(N)
- Over 1.536 thru 4 Mbps	XAF5P	143.00	None	(N)
- Over 4 thru 10 Mbps	XAF5Q	357.50	None	(N)
- Over 10 thru 16 Mbps	XAF5R	577.50	None	(N)
- Over 16 thru 34 Mbps	XAF5T	1210.00	None	(N)
- Over 34 thru 44.210 Mbps	XAF5U	1650.00	None	(N)

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21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

21.1.10 Rate and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
(C) <u>Feature Change Charge</u>				
- Per Occurrence, Per Feature	XAFFC	None	50.00	(I)
(D) <u>Transfer of Service</u>				
- Per Billing Account Number	XAFTF	None	65.00	

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ACCESS SERVICE

21 - Fast Packet Access Services

21.2 Exchange Access Connectionless Data Service (XACDS) (a.k.a. BellSouth Exchange Access Connectionless Data Service)

21.2.1 General Description

Exchange Access Connectionless Data Service (XACDS) (a.k.a. BellSouth Exchange Access Connectionless Data Service) is a connectionless, packet-switched data service allowing for the interconnection of local area networks (LANS) or other compatible customer equipment. This service provides efficient throughput via 56 Kbps, 64 Kbps, 1.536 Mbps and 44.210 Mbps channels. (T)

The XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) switch subdivides the customer's data traffic into packets, with each packet having address information. Each packet is switched independently without prior establishment of a network connection. A unique address is assigned to each subscriber interface on the switch (referred to as a subscriber network interface or SNI). This unique address allows the XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) switch to route the customer's data traffic.

XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) is comprised of a network interface component and optional features. Connection to XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) network interfaces may be accomplished through dedicated access. For interstate dedicated access, rates, charges, and regulations for Special Access (a.k.a. BellSouth SPA) Service are specified in Section 7 preceding. Only non-channelized bandwidth may terminate on an XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) network interface.

The Subscriber Network Interface (SNI) is a standard interface used to connect the customer to the XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) network. The XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) switch receives the data packet from the customer's network or device and verifies that the source address is one legitimately assigned to the receiving SNI.

At the SNI, the XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) switch can screen both source and destination addresses. This feature defines the addresses that can send information to the SNI and that can receive information from the SNI.

21.2.2 Service Description

(1) Installation of Service

Nonrecurring charges apply to each SNI on each XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) installed. Nonrecurring Charges for the Network Interface elements are set forth in 21.2.10(A) following.

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21.2 Exchange Access Connectionless Data Service (XACDS) (a.k.a. BellSouth Exchange Access Connectionless Data Service) (Cont'd)

21.2.2 Service Description (Cont'd)

(2) Installation of Optional Features

Nonrecurring charges apply to the installation of optional features as set forth in Section 21.2.10(B) following.

(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in a change in the minimum period requirements as set forth in 5.6(E) preceding. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. A change which results from a transfer of service is described and charged as set forth in (4) and 21.2.10(D) following.

(4) Transfer of Service

When a change in billing data (e.g., name, address, contact name, or telephone number) is requested in association with a change in the customer's record, transfer of service charges, as set forth in 21.2.10(D) following will apply. Charges are applied on a Billing Account Number (BAN).

(M)

Material previously appearing on this page now appears on Original Page 21-11.1.

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21.2 Exchange Access Connectionless Data Service (XACDS) (a.k.a. BellSouth Exchange Access Connectionless Data Service) (Cont'd)

21.2.2 Service Description (Cont'd)

(5) Maintenance

In order to maintain the quality of XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service), the Telephone Company reserves the right to perform preventive maintenance and software updates to the network. This could result in XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on the specific days as set forth by state in the following chart. The Telephone Company only expects to utilize this maintenance window for any given switch on the average of once a quarter. However, the Telephone Company reserves the right to perform maintenance at any time at its discretion that it believes such maintenance is necessary. The Telephone Company will make a reasonable effort to provide notice to those customers likely to be affected by such maintenance work.

<u>State</u>	<u>Scheduled Maintenance Days</u>	(N)
Alabama	Sunday and Monday	(N)
Florida	Sunday and Wednesday	(N)
Georgia	Sunday and Friday	(N)
Kentucky	Sunday and Monday	(N)
Louisiana	Sunday and Tuesday	(N)
Mississippi	Sunday and Tuesday	(N)
North Carolina	Sunday and Saturday	(N)
South Carolina	Sunday and Saturday	(N)
Tennessee	Sunday and Thursday	(N)

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21.2 Exchange Access Connectionless Data Service (XACDS) (a.k.a. BellSouth Exchange Access Connectionless Data Service) (Cont'd) (T)
(T)

21.2.3 Technical Specifications

XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) access (T)
utilizes Inter-Carrier Interface Protocol (ICIP) Level 3 as defined in
Bellcore TR-TSV-001060, and DXI Data Link (Level 2) protocol as defined in
Bellcore TR-TSY-001239. Detailed BellSouth conformance to the requirements in
these documents is contained in Cascade documents 80011 and 80012,
respectively. DS3 physical level specifications conform to the Asynchronous
c-bit Parity structure defined in ANI T1.107a-1990.

21.2.4 Interface Specifications

The following specification is available with this service:

Digital packet (SNI)

21.2.5 Acceptance Testing

At no additional charge, and at the customer's request, the Telephone Company will cooperatively test at the time of installation.

21.2.6 Ordering Options and Conditions

The Access Order, as set forth in Section 5 preceding, is used in the (T)
provisioning of Exchange Access Connectionless Data Service (XACDS) (a.k.a. (T)
BellSouth Exchange Access Connectionless Data Service). Also included in (T)
that section are other charges which may be associated with ordering XACDS (T)
(a.k.a. BellSouth Exchange Access Connectionless Data Service) (e.g., Service (T)
Date Change Charges, Cancellation Charges, etc.).

21.2.7 Minimum Period of Service

The minimum period is one month.

21.2.8 Rate Regulations

Rates and Charges are specified in 21.2.10 following for Exchange Access (T)
Connectionless Data Services (XACDS)(a.k.a. BellSouth Exchange Access (T)
Connectionless Data Service). XACDS (a.k.a. BellSouth Exchange Access (T)
Connectionless Data Service) is available under the Fast Packet Services (T)
Payment Plan (FPSPP) as specified in 2.4.8(C) preceding.

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21 - Fast Packet Access Services

21.2 Exchange Access Connectionless Data Service (XACDS) (a.k.a. BellSouth Exchange Access Connectionless Data Service) (Cont'd)

21.2.9 Rate Categories

The following rate categories apply to XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service). Monthly recurring rates apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days. The types of nonrecurring charges that apply for XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) are: installation of service, installation of optional features, and service rearrangements. These rates and charges are described as follows:

(1) Network Interface

This rate category provides for the customer's termination on the Fast Packet switch. The Network Interface rate category includes the packet switching function.

(2) Optional Features

The Optional Features rate category provides for optional features which may be added to an XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) to improve its quality or utility to meet specific communications requirements.

(a) Multiple Addresses

This feature allows the customer to have multiple addresses associated with one SNI. A maximum of 16 addresses is allowed per XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) SNI ordered, except for 44.210 Mbps SNIs where a maximum of 128 addresses is allowed. The first address is provided at no additional charge. An additional charge applies for every address per SNI excluding the first address. (T)
(T)

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21.2 Exchange Access Connectionless Data Service (XACDS) (a.k.a. BellSouth Exchange Access Connectionless Data Service) (Cont'd) (T)

21.2.9 Rate Categories (Cont'd)

(b) Individual and Group Address Screening Table

Address screening allows restrictions to be reinforced on the delivery of XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) packets from particular sources and on the transmittal of XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) packets to particular destinations. This feature allows the customer to set up two lists of addresses per SNI. One list defines destination address screening for individually addressed packets and source address screening for all packets (whether individual or group addressed). The second list defines destination address screening for group addressed data sent by the CPE. (T)
(T)
(T)
(T)

The combined total of addresses in both tables may not exceed 128.

(c) Group Address List

This feature allows the customer to pre-assign a list of individual SNI addresses as a Group Address. With this feature invoked, data that is sent to the Group Address will be reproduced by the XACDS (a.k.a. BellSouth Exchange Access Connectionless Data Service) network and sent to every SNI that has an address on the list. A maximum of 128 SNI addresses may be contained in one Group Address List. (T)

(3) Feature Change Charge

In addition to any specific Optional Feature charges, a Feature Change Charge will be applied whenever a change is made (at the customer's request) to a single optional feature within a single network configuration on a single switch. Although multiple changes may be caused by such actions, only one Feature Change Charge will apply.

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21.2 Exchange Access Connectionless Data Service (XACDS) (a.k.a. BellSouth (T)
Exchange Access Connectionless Data Service) (Cont'd) (T)

21.2.10 Rate and Charges

(4) Transfer of Service

When a change to the customer of record is requested, transfer of service charges, as set forth in 21.2.10(D) following will apply. Charges are applied on a Billing Account Number (BAN).

Administrative changes, as identified below, will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for Access Service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name -- e.g., AT&T-Long Lines to AT&T-Long Lines to AT&T-Communications)
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number. The customer of record does not change),
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name of telephone number, and
- Change of jurisdiction.

All other service rearrangements, including physical changes to existing services, will be charged as follows:

- If the change involves the addition of an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.

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21.2 Exchange Access Connectionless Data Service (XACDS) (a.k.a. BellSouth Exchange Access Connectionless Data Service) (Cont'd)

21.2.10 Rate and Charges (Cont'd)

(A) Network Interface

	<u>USOC</u>	<u>Month to Month</u>	<u>A 12 to 24 Months</u>	<u>B 25 to 48 Months</u>	<u>Nonrecurring Charges</u>	
- Per SNI						
- 56 Kbps	XACN5	62.00	49.00	44.00	300.00	
- 64 Kbps	XACN6	70.00	56.00	50.00	300.00	
- 1.536 Mbps	XACN1	294.00	234.00	210.00	410.00	
- 44.210 Mbps	XACN4	2426.00	1920.00	1715.00	1050.00	(N)

<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
-------------	----------------------	-----------------------------

(B) Optional Features

-Multiple Address (2 - 16)*						(T)
-Per Address	XACMA		2.00		None	
-Per Modification to Existing Address	XACMM		None		34.00	
-Individual Address Screening Table						
-Per Entry	XAC1E		None		37.00	
-Per Modification to an Entry	XAC1M		None		37.00	
-Group Address Screening Table						
-Per Entry	XACSE		None		31.00	
-Per Modification to an Entry	XACSM		None		31.00	
-Group Address List						
-Per List	XACGG		2.00		None	
-Per Entry	XACGE		None		26.00	
-Per Modification to a Group	XACGM		None		26.00	

*A maximum of 16 addresses is allowed per SNI except for 44.210 Mbps SNIs where a maximum of 128 addresses is allowed. (N)

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21.2 Exchange Access Connectionless Data Service (XACDS) (a.k.a. BellSouth Exchange Access Connectionless Data Service) (Cont'd)

21.2.10 Rate and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) <u>Feature Change Charge</u>			
-Per Occurrence, per Feature	XACFC	None	25.00
(D) <u>Transfer of Service</u>			
-Per Billing Account Number	XACTF	None	65.00

21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS) (N)

21.3.1 General Description (N)

BellSouth Exchange Access Asynchronous Transfer Mode (ATM) Service (XAATMS) is a connection-oriented data service based on ATM cell-based switching technology. BellSouth XAATMS allows for the interconnection of ATM compatible customer equipment by providing efficient throughput at high speeds of transmission. BellSouth XAATMS provides the switching of symmetrical duplex transmissions of fixed-length ATM cells (herein referred to as ATM cells). (N)

A user network interface (UNI) is available with BellSouth XAATMS. The UNI is a standard interface used to connect the customer to the BellSouth XAATMS switch. It receives the ATM cells into the ATM switch and verifies that the addressing and traffic parameters are valid (according to BellSouth XAATMS technical specifications as referenced in Section 21.3.3 following) before relaying the ATM cells to the specified destination. The UNI is offered at transmission speeds of 1.536 Mbps, 44.210 Mbps, 149.760 Mbps and 599.040 Mbps. (N)

The rate structure for BellSouth XAATMS is comprised of a Network Interface rate element by transmission speed and rate elements for PVC Features (representing ATM traffic). Connection to BellSouth XAATMS network interfaces is accomplished through dedicated access. For interstate dedicated access, rates, charges, and regulations for Special Access (a.k.a. BellSouth SPA) Services are specified in Section 7 preceding. Only non-channelized bandwidth may terminate on a BellSouth XAATMS network interface. (N)

As BellSouth XAATMS is a connection oriented service, to transfer information a virtual connection must be set up between two network interfaces on a BellSouth XAATMS switch. BellSouth XAATMS supports ATM traffic via permanent virtual connections (PVCs). PVCs are bi-directional virtual channels that are established via the service provisioning process. (N)

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21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS) (N)
(Cont'd) (N)

21.3.1 General Description (Cont'd) (N)

For BellSouth XAATMS, the logical path between a customer's premises and a network interface on the BellSouth XAATMS switch is referred to as an ATM PVC segment. The mapping together of two ATM PVC segments through the BellSouth XAATMS switch creates an ATM PVC. This ATM PVC is a logical channel representing the path from one premises associated with a BellSouth XAATMS network interface, through the BellSouth XAATMS switch, to a premises associated with a different network interface on the BellSouth XAATMS switch. (N)

The following provides additional information on the terms used to describe the attributes of BellSouth XAATMS with respect to the PVC Feature Charges which apply for ATM PVC traffic. Information is provided regarding ATM PVC segment, ATM PVC service categories, ATM PVC traffic parameters, and ATM PVC segment bandwidth. (N)

(A) ATM PVC Segment (N)

For BellSouth XAATMS, the ATM PVC segment defines the logical path between a customer's premises and the network interface on the BellSouth XAATMS switch. An ATM PVC segment must be provisioned by the Company via service order activity and remain in place until requested to be removed by the customer. For BellSouth XAATMS, two ATM PVC segments are mapped together through the BellSouth XAATMS switch to create an ATM PVC representing a virtual channel through the BellSouth XAATMS network. (N)

(B) ATM PVC Service Categories (N)

ATM PVC service categories are established to support the service requirements of various categories of customer applications for ATM PVCs. Four ATM PVC service categories are available. The customer must specify the desired service category for each ATM PVC that is ordered. BellSouth XAATMS supports the following types of ATM PVC service categories: (N)

- (1) Constant Bit Rate (CBR): CBR allows for applications where an ATM PVC requires special network timing requirements (i.e., strict PVC cell loss, cell delay and cell delay variation performance). For example, a CBR ATM PVC would be utilized for applications requiring circuit emulation (i.e., a continuously operating logical channel) over BellSouth XAATMS at transmission speeds comparable to DS1 and DS3. Such applications would include private line like service or voice type service where delays in transmission cannot be tolerated. The customer specifies the bandwidth required for each CBR ATM PVC when it is ordered. (N)
- (2) Variable Bit Rate - Real Time (VBR-RT) allows for applications where an ATM PVC requires low cell delay variation. For example, VBR-RT would be utilized for applications such as variable bit rate video compression and packet voice and video which are somewhat tolerant of delay. The customer specifies the bandwidth required for each VBR-RT ATM PVC when it is ordered. (N)

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21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS) (N)
(Cont'd)

21.3.1 General Description (Cont'd)

(B) ATM PVC Service Categories (Cont'd)

- (3) Variable Bit Rate - Non-Real Time (VBR-NRT): VBR-NRT allows for an ATM PVC that can tolerate larger cell delay variations than VBR-RT. For example, VBR-NRT would be utilized for applications such as data file transfers. The customer specifies the bandwidth required for each VBR-NRT ATM PVC when it is ordered. (N)
- (4) Unspecified Bit Rate (UBR): UBR allows for an ATM PVC where the user does not require one of the ATM PVC service categories described in (1) through (3) preceding. For example, UBR would be utilized where the customer seeks a low cost method of transporting bursty data for non-critical applications that can tolerate delay variations. The Company will attempt to deliver all ATM cells received via UBR ATM PVCs; however, network congestion will result in loss of ATM cells. (N)

(C) ATM PVC Traffic Parameters

In accordance with the technical specifications for BellSouth XAATMS set forth in the technical publications referenced herein Section 21.3.3, each non-UBR type ATM PVC has a set of traffic parameters to describe the characteristics of the information being transmitted. Fixed values for these traffic parameters are derived from the ATM PVC bandwidth specified by the customer for each ATM PVC. These parameters are: (N)1
(N)
(N)

- (1) Peak Cell Rate (PCR): The PCR, in cells/second, is an upper bound on the source traffic that can be submitted on a BellSouth XAATMS network interface. PCR is a traffic parameter considered for both CBR and VBR service categories. (N)
(N)
(N)
(N)

PCR is the only traffic parameter considered for a CBR ATM PVC; the equivalent bandwidth per CBR ATM PVC equals the PCR, in cells/second, times 0.000424. (N)
(N)
(N)

PCR is one of three traffic parameters considered for a VBR ATM PVC. For a VBR-RT PVC, PCR is 200% of the SCR described following. For VBR-NRT, PCR is 400% of the SCR described following. (N)
(N)
(N)

- (2) Sustainable Cell Rate (SCR): The SCR, in cells/second, is an upper bound on the conforming average cell rate of a BellSouth XAATMS network interface over time. (N)
(N)
(N)

SCR is a traffic parameter considered only for a VBR ATM PVC. The equivalent bandwidth per VBR-RT ATM PVC is equal to the SCR, in cells/second, times 0.000512. The bandwidth per VBR-NRT ATM PVC is equal to the SCR, in cells/second, times 0.000804. (N)
(N)
(N)
(N)

- (3) Maximum Burst Size (MBS): MBS is the maximum number of consecutive cells that may be transmitted at the peak cell rate. (N)
(N)

MBS is a traffic parameter considered only for a VBR ATM PVC. For a VBR-RT ATM PVC, the MBS is fixed at 32 cells/second. For a VBR-NRT ATM PVC, the MBS is fixed at 100 cells/second. (N)
(N)
(N)

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21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS)
(Cont'd)

21.3.1 General Description (Cont'd)

(D) ATM PVC Segment Bandwidth

An ATM PVC Segment Bandwidth Charge is applicable for each CBR or VBR ATM PVC segment. Such non-UBR ATM PVC equivalent bandwidth represents the BellSouth XAATMS network resources based on the ATM PVC's traffic parameters. The ATM PVC Segment Bandwidth Charge is derived by multiplying the ATM PVC segment's equivalent bandwidth (calculation following) by the appropriate ATM PVC Segment Bandwidth Charge (expressed in megabits or increments of 64 Kbps as described following).

The following calculations are applicable for determining non-UBR ATM PVC segment bandwidth based upon the ATM PVC category of service.

- (1) CBR equivalent bandwidth is equal to the PCR (cells/sec) times 0.000424. PCR is equal to increments of 64 Kbps of equivalent bandwidth times 150.943, or megabits of equivalent bandwidth times 2358.491. (T)
(T)
- (2) VBR-RT equivalent bandwidth is equal to the SCR (cells/sec) times 0.000512. For VBR-RT, service, the PCR is fixed at 200% of the SCR and the MBS is fixed at 32 cells/second. SCR is equal to increments of 64 Kbps of equivalent bandwidth times 125.000, or megabits of equivalent bandwidth times 1953.125. (T)
(T)
- (3) VBR-NRT equivalent bandwidth is equal to the SCR (cells/sec) times 0.000804. For VBR-NRT service, the PCR is fixed at 400% of the SCR and the MBS is fixed at 100 cells/second. SCR is equal to increments of 64 Kbps of equivalent bandwidth times 79.602, or megabits of equivalent bandwidth times 1243.781. (T)
(T)

Where the result from the ATM PVC segment equivalent bandwidth calculation is greater than 1.536 Mbps, the value is expressed in units of megabits and (if a fraction of a megabit) is rounded up to the next whole megabit. This bandwidth is multiplied by the Per Megabit Bandwidth Charge.

Where the result from the ATM PVC segment equivalent bandwidth calculation is less than or equal to 1.536 Mbps, that number should be divided by .064 Mbps to arrive at a quantity of 64 Kbps increments. If the resulting number is not a whole number, it is rounded up to the next whole number and represents the number of 64 Kbps increments that should be utilized in the derivation of the PVC Segment Bandwidth Charge. This bandwidth is multiplied by the Per Increment of 64 Kbps Bandwidth Charge.

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21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS)
 (Cont'd)

21.3.1 General Description (Cont'd)

(D) ATM PVC Segment Bandwidth (Cont'd)

The following table illustrates the ATM PVC segment equivalent bandwidth calculation for each non-UBR type ATM PVC with 1 megabit of bandwidth.

ATM PVC Service Category	Equivalent Bandwidth	Traffic Parameters			(T)
		Peak Cell Rate (Cells/Sec)	Sustainable Cell Rate (Cells/Sec)	Maximum Burst Size (Cells)	
CBR	1 Megabit	2358	N/A	N/A	(T)
VBR-RT	1 Megabit	3906	1953	32	(T)
VBR-NRT	1 Megabit	4975	1244	100	(T)

21.3.2 Service Description

(A) Installation of Service

Nonrecurring charges apply to each BellSouth XAATMS UNI installed.

Nonrecurring charges for the Network Interface elements are set forth in 21.3.10(A) following.

(B) Installation of Features

Nonrecurring charges apply to each ATM PVC segment by ATM PVC service category as set forth in 21.3.10(B) following.

(C) Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in a change in the minimum period requirements as set forth in 5.6(E) preceding. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. A change which results from a transfer of service is described and charged as set forth in (D) and 21.3.10(D) following.

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ACCESS SERVICE

21 - Fast Packet Access Services

21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS)
 (Cont'd)

21.3.2 Service Description (Cont'd)

(D) Transfer of Service

When a change in billing data (e.g., name, address, contract name, or telephone number) is requested in association with a change in the customer's record, transfer of service charges, as set forth in 21.3.10(D) following will apply. Charges are applied on a per Billing Account Number (BAN).

(E) Maintenance

In order to maintain the quality of BellSouth XAATMS, the Telephone Company reserves the right to perform preventive maintenance and software updates to the network. This could result in BellSouth XAATMS being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on the specific days as set forth by state in the following chart. The Telephone Company only expects to utilize this maintenance window for any given switch on the average of once a quarter. However, the Telephone Company reserves the right to perform maintenance at any time at its discretion that it believes such maintenance is necessary. The Telephone Company will make a reasonable effort to provide notice to those customers likely to be affected by such maintenance work.

State	Scheduled Maintenance Days
Alabama	Sunday and Monday
Florida	Sunday and Wednesday
Georgia	Sunday and Friday
Kentucky	Sunday and Monday
Louisiana	Sunday and Tuesday
Mississippi	Sunday and Tuesday
North Carolina	Sunday and Saturday
South Carolina	Sunday and Saturday
Tennessee	Sunday and Thursday

21.3.3 Technical Specifications

BellSouth XAATMS services installed after the effective date of this tariff will conform to the service specifications and standards for BellSouth XAATMS service (including the BellSouth XAATMS UNI) set forth in the following references:

- BellSouth Technical Reference 73585, "Asynchronous Transfer Mode (ATM) Network Interface and Performance Specifications".

The specifications set forth in BellSouth TR 73585 are in conformance with the following national standards for ATM services:

- ATM Forum documents, "ATM User-Network Interface Specification" (Versions 3.0 and 3.1).

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21 - Fast Packet Access Services

21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS)
(Cont'd)

21.3.4 Interface Specifications

In accordance with the interface specifications set forth in BellSouth TR 73585, the following is available with BellSouth XAATMS:

ATM Cell-switched (UNI)

21.3.5 Acceptance Testing

At no additional charge, and at the customer's request, the Telephone Company will cooperatively test at the time of installation.

21.3.6 Ordering Options and Conditions

The Access Order, as set forth in Section 5 preceding, is used in the provisioning of BellSouth XAATMS. Also included in that Section are other charges which may be associated with ordering BellSouth XAATMS (e.g., Service Date Change Charges, Cancellation Charges, etc.).

21.3.7 Minimum Period of Service

The minimum period per BellSouth XAATMS rate element selected is one month.

21.3.8 Rate Regulations

Rates and charges are specified in 21.3.10 following for the ordering and provisioning of BellSouth XAATMS. BellSouth XAATMS is available under the Fast Packet Services Payment Plan (SPP) as specified in 2.4.8(C) preceding.

(D)
(D)
(D)
(D)
(D)
(D)
(D)

(M)

Certain material previously appearing on this page now appears on Original Page 21-23.1.

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21.3.8 Rate Regulations(cont'd)

For a promotional period from January 11, 2002 to April 10, 2002, customers may receive a credit for BellSouth Exchange Access ATM Service(XAATMS), BellSouth Exchange Access Frame Relay Service(XAFRS), BellSouth Managed Shared ATM Service(MSATMS) and BellSouth Managed Shared Frame Relay Service(MSFRS) Nonrecurring Charges for new ATM user-to-network interfaces(UNIs) and/or new Frame Relay network-to-network interface(NNIs) of DS1 or higher speed, provided the following criteria are met:

1. New ATM UNIs and/or Frame Relay NNIs are XAATMS, XAFRS, MSFRS, and/or MSATMS connections;
2. These new ATM UNIs and/or new Frame Relay NNIs must be ordered in at least 10 LATAS;
3. Five or more of these new ATM UNIs and/or new Frame Relay NNIs must be speeds of DS3 or higher
4. XAATMS and XAFRS connections must be ordered under the Fast Packet Services Payment Plan, Plan B(25-48 months) or a Fast Packet Savings Plan;
5. MSFRS and MSATMS connections must be ordered under a Fast Packet Savings Plan;
6. Installation must be completed by May 10, 2002.

Customers must pay Nonrecurring Charges at due date to avoid late payment fees. Credits equal to Nonrecurring Charges that are billed for installation will be applied at the end of the promotional period. No interest will be paid on these credits from payment date to credit date.

BellSouth XAATMS is available for use with the Fast Packet Savings Plan subject to the regulations provided in 2.4.8(F) preceding.

21.3.9 Rate Categories

The following rate categories apply to BellSouth XAATMS:

(A) Network Interface

This rate category provides for the customer's termination on the BellSouth XAATMS switch. The Network Interface rate category includes the BellSouth XAATMS switching function.

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21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS) (N)
(Cont'd)

21.3.9 Rate Categories (Cont'd) (N)

(B) PVC Features (N)

The PVC Features rate category provides for the ordering and provisioning of ATM PVCs in association with the BellSouth XAATMS network interface. (N)
(N)
(N)

The rates for PVC Features may vary by ATM PVC service category and are listed in Section 21.3.10 by applicable ATM PVC service category. (N)
(N)

(1) ATM PVC Segment Charge - An ATM PVC Segment Charge applies for each ATM PVC segment established over a network interface. An ATM PVC Segment Charge applies under all ATM PVC service categories. (N)
(N)
(N)

(2) ATM PVC Segment Bandwidth Charge - An ATPVC Segment Bandwidth Charge is required per ATM PVC segment established under the CBR or VBR ATM PVC service category (but is not applicable to UBR ATM PVCs). ATM PVC bandwidth represents BellSouth XAATMS network resources required for the non-UBR ATM PVC and is based on the non-UBR ATM PVC's traffic parameters (i.e., PCR, SCR, and MBS). The total charge for this rate element per segment is determined by multiplying the non-UBR ATM PVC segment bandwidth by the ATM PVC Segment Bandwidth Charge, either Per Megabit or Per Increment of 64 Kbps (as appropriate per Section 21.3.1(D)). (N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)

(3) UBR Service Activation Charge - A UBR Service Activation is applicable for each network interface over which UBR ATM PVC(s) will traverse. One charge is applicable per network interface regardless of how many UBR ATM PVC's will traverse that network interface. (N)
(N)
(N)
(N)

(C) Feature Change Charge (N)

A Feature Change Charge applies for a customer request to change an existing BellSouth XAATMS PVC Feature from Section 21.3.10 (B) for which there is no nonrecurring charge. (Examples: A Feature Change Charge applies when a customer requests a change in the ATM PVC segment bandwidth required on an existing non-UBR ATM PVC. A Feature Change Charge applies when a customer requests that UBR Service Activation be added to an existing Network Interface which currently is not activated to carry UBR ATM PVCs if the request does not also include an order for a UBR ATM PVC Segment which carries a nonrecurring charge. A customer request to change the service category of an existing CBR ATM PVC to a VBR-RT ATM PVC would not involve a Feature Change Charge but would be treated as a disconnect of the CBR ATM PVC and a new request for a VBR-RT ATM PVC for which there is a nonrecurring charge.) (N)
(N)

Only one Feature Change Charge applies per customer request that involves changes to multiple existing ATM PVC's of the same ATM PVC service category that are provisioned out of the same BellSouth XAATMS switch. (For example, one Feature Change Charge would apply per customer request to change the ATM PVC segment bandwidth associated with two existing CBR ATM PVCs provisioned out of the same BellSouth XAATMS switch.) (N)
(N)
(N)
(N)
(N)
(N)

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21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS) (N)
(Cont'd)

21.3.9 Rate Categories (Cont'd) (N)

(D) Transfer of Service (N)

When a change to the customer of record is requested, transfer of (N)
service charges, as set forth in 21.3.10(D) following will apply. (N)
Charges are applied per Billing Account Number (BAN). (N)

Administrative changes, as identified below, will be made without (N)
charge(s) to the customer. Such changes require the continued provision (N)
and billing of the Access Service to the same entity. (i.e., customer (N)
remains responsible for all outstanding indebtedness for Access (N)
Service). Administrative changes are as follows: (N)

- Change of customer name (i.e., the customer of record does not (N)
change but rather the customer of record changes its name -- e.g., (N)
AT&T-Long Lines to AT&T-Long Lines to AT&T-Communications), (N)
- Change of customer or customer's end user premises address when the (N)
change of address is not a result of physical relocation of (N)
equipment, (N)
- Change in billing data (name, address, or contract name or (N)
telephone number. The customer of record does not change), (N)
- Change of customer circuit identification, (N)
- Change of billing account number, (N)
- Change of customer test line number, (N)
- Change of customer or customer's end user contact name of telephone (N)
number, and (N)
- Change of jurisdiction. (N)

All other service arrangements, including physical changes to existing (N)
services, will be charged as follows: (N)

- If the change involves the addition of an optional feature which (N)
has a separate nonrecurring charge, that nonrecurring charge will (N)
apply. (N)

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21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS) (N)
 (Cont'd)

21.3.10 Rates and Charges (N)

(A) Network Interface (N)

		Month	A	B	Nonrecurring	
	USOC	to	12 to 24	25 to 48	Charges	(N)
		Month	Months	Months		(N)
-Per UNI						(N)
-1.536 Mbps	XAA11	\$ 395.00	\$ 360.00	\$ 260.00	\$ 500.00	(N)
-44.210 Mbps	XAA14	\$ 2426.00	\$ 1920.00	\$ 1550.00	\$ 750.00	(N)
-149.760 Mbps	XAA17	\$ 4500.00	\$ 4050.00	\$ 2880.00	\$ 1000.00	(N)
-599.040 Mbps	XAA19	\$ 9000.00	\$ 8100.00	\$ 5800.00	\$ 1500.00	(N)

(B) PVC Features (N)

	USOC	Month	to	Nonrecurring	
		Month	Month	Charges	(N)
(1) CBR ATM PVC Service Category					(N)
-PVC Segment Charge (Per segment)	XAACS	\$ 5.00		\$ 70.00	(N)
-Bandwidth Charge (Per segment)					(N)
-Per Megabit, or	XAACM	\$ 25.00		-	(N)
-Per Increment of 64 Kbps	XAACK	\$ 1.60		-	(N)
(2) VBR-RT ATM PVC Service Category					(N)
-PVC Segment Charge (Per segment)	XAAVS	\$ 5.00		\$ 70.00	(N)
-Bandwidth Charge (Per segment)					(N)
-Per Megabit, or	XAAVM	\$ 25.00		-	(N)
-Per Increment of 64 Kbps	XAAVK	\$ 1.60		-	(N)
(3) VBR-NRT ATM PVC Service Category					(N)
-PVC Segment Charge (Per segment)	XAANS	\$ 5.00		\$ 70.00	(N)
-Bandwidth Charge (Per segment)					(N)
-Per Megabit, or	XAANM	\$ 25.00		-	(N)
-Per Increment of 64 Kbps	XAANK	\$ 1.60		-	(N)

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21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS)
 (Cont'd)

21.3.10 Rates and Charges (Cont'd)

(B) PVC Features (Cont'd)

	<u>USOC</u>	<u>Month</u> to <u>Month</u>	<u>Nonrecurring</u> <u>Charges</u>	
(4) UBR ATM PVC Service Category				(T)
-PVC Segment Charge (Per segment)	XAAUS	\$ 5.00	\$ 70.00	(T)
-UBR Service Activation Charge				
-Per 1.536 Mbps Network Interface	XAAA1	\$ 10.00	-	
-Per 44.210 Mbps Network Interface	XAAA4	\$ 250.00	-	
-Per 149.760 Mbps Network Interface	XAAA7	\$ 750.00	-	(I)
-Per 599.040 Mbps Network Interface	XAAA9	\$3000.00	-	(I)

(C) Feature Change Charge

-Per Occurrence, Per Feature XAAFC None \$75.00

(D) Transfer of Service

-Per Billing Account Number XAATF None \$ 75.00

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ACCESS SERVICE

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21.4 Managed Shared Frame Relay Service (MSFRS)

21.4.1 General Description

Managed Shared Frame Relay Service (MSFRS) provides total premises to switch connectivity to BellSouth's Frame Relay network through Network-to-Network Interfaces (NNI) or User-to-Network Interfaces (UNI) on the frame relay switch. MSFRS is a connection oriented packet-switched data service allowing for the interconnection of local area networks or other compatible customer equipment. Efficient throughput at various transmission speeds is performed. MSFRS allows for the transfer of variable length frames called packets. Frames are relayed by virtual connections; frames travel a fixed path through the network although bandwidth is not dedicated to each virtual connection.

MSFRS is a service under which the customer assigns to the Telephone Company the responsibility for facility design, engineering and routing of frame relay services in a MSFRS Service Area. A MSFRS Service Area is comprised of all the central offices in a geographic area (e.g., a large metropolitan area) as defined by the Telephone Company; these central offices are referred to as Service Area Points (SAP). The Telephone Company undertakes the responsibility to route the service from the customer's premises to the MSFRS network using whatever facilities and switch placement designs within the Service Area that would best deliver quality service. MSFRS facilities are stand-alone facilities and may not be provisioned over a customer's higher capacity Special Access facilities.

The rate structure for MSFRS is comprised of MSFRS Connections and Optional Features.

The primary MSFRS rate element is the MSFRS Connection. This rate element provides the transport from the customer's premises to the MSFRS network. All frame relay switches within the MSFRS Service Area are linked together to form the MSFRS network which is accessible through a MSFRS Connection.

MSFRS uses permanent virtual circuits (PVCs). A PVC is a logical channel from one MSFRS Connection to another MSFRS Connection (or to a network interface associated with Exchange Access Frame Relay Service). MSFRS utilizes an address field called the Data Link Connection Identifier (DLCI). A DLCI specifies a virtual connection associated with a specific MSFRS Connection. The mapping of two DLCIs through the service provisioning process creates a single PVC. An initial DLCI is included with the MSFRS Connection rate element, and additional DLCIs are available as Optional Features. (T)

The appropriate rate for a MSFRS Connection is dependent upon the type of network interface requested, the transmission speed requested and whether or not the customer's serving wire center is in the MSFRS Service Area.

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21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.1 General Description (Cont'd)

MSFRS Connections are available with two types of network interfaces on the Frame Relay switch - a user network interface (UNI) and a network-to-network interface (NNI). A UNI is a standard interface used to connect the customer to the Frame Relay switch in the MSFRS network; it receives the data frame from the customer's network or device and verifies that the data link channel identifier is valid before relaying the frame to the destination. An NNI specifies how a Frame Relay switch within the MSFRS network sends and receives data to/from another Frame Relay switch.

MSFRS Connections are offered with either a UNI or NNI at transmission speeds of 56 Kbps, 64 Kbps, 112 Kbps, 128 Kbps, 192 Kbps, 256 Kbps, 320 Kbps, 384 Kbps, 448 Kbps, 512 Kbps, 576 Kbps, 640 Kbps, 704 Kbps, 768 Kbps, 1024 Kbps, 1152 Kbps, 1.536 Mbps, 3 Mbps, 6 Mbps, 9 Mbps, 12 Mbps, 15 Mbps, 18 Mbps, 21 Mbps, 24 Mbps, 27 Mbps, 30 Mbps, 33 Mbps and 44.210 Mbps.

(C)
(N)

A MSFRS Connection (by transmission speed and network interface type) is appropriate for a customer whose premises serving wire center is inside the MSFRS Service Area.

Where a customer premises serving wire center is outside the MSFRS Service Area (but within the same LATA), a MSFRS Extended Connection (by transmission speed and network interface type) is applicable based upon the mileage from the customer's serving wire center to the closest Service Area Point as designated by the Telephone Company (which is a central office inside the MSFRS Service Area). Six MSFRS Extended Connections are available which reflect mileage bands outside the Service Area. These mileage bands are: Over 0 to 20 miles, over 20 to 50 miles, over 50 to 75 miles, over 75 to 100 miles, over 100 to 125 miles and over 125 miles. These bands represent the airline mileage from the customer's serving wire center to the closest Service Area Point.

Information required to determine which Service Area is associated with a specific customer premises serving wire center and whether a specific customer premises serving wire center is inside a Service Area or requires a MSFRS Extended Connection is available from Appendix A of this tariff. If the serving wire center is outside a MSFRS Service Area, the V&H coordinates of the customer's serving wire center and the closest Service Area Point are utilized in calculating the airline mileage to determine the appropriate mileage band for the MSFRS Extended Connection.

In LATAs where there are multiple MSFRS Service Areas, the customer may utilize a MSFRS Inter Service Area Link to have connectivity on a per PVC basis between MSFRS Connections in each Service Area. The inter service area portion of such a PVC is provisioned over a facility provided by the Telephone Company which allows customers to share bandwidth on these facilities that connect the two MSFRS Service Areas. This Optional Feature is called an Inter Service Area Link. Information provided in Appendix A of this tariff may be used to determine if two MSFRS Connections (based upon their associated customer premises serving wire centers) are in two different Service Areas within the same LATA and, therefore, require an Inter Service Area Link to form a PVC between them.

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21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.2 Service Description

(1) Installation of Service

Nonrecurring charges apply to each MSFRS Connection installed.

Nonrecurring charges for MSFRS Connections are set forth in 21.4.10(A) following.

(2) Installation of Optional Features

Nonrecurring charges apply to the installation of Optional Features as set forth in 21.4.10(B) following.

(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services that do not result in a change in the minimum period requirements as set forth in 5.6(E) preceding. Changes that result in the establishment of new minimum period obligations are treated as disconnects and starts. A change that results from a transfer of service is described and charged as set forth in (4) and 21.4.10(D) following.

(4) Transfer of Service

When a change in billing data (e.g., name, address, contract name, or telephone number) is requested in association with a change in the customer's record, transfer of service charges, as set forth in 21.4.10(D) following will apply. Charges are applied on a Billing Account Number (BAN).

(M)

Material previously appearing on this page now appears on Original Page 21-30.1.

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21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.2 Service Description (Cont'd)

(5) Maintenance

(M)

In order to maintain the quality of MSFRS, the Telephone Company reserves the right to perform preventive maintenance and software updates to the network. This could result in MSFRS being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on the specific days as set forth by state in the following chart. The Telephone Company only expects to utilize this maintenance window for any given switch on the average of once a quarter. However, the Telephone Company reserves the right to perform maintenance at any time at its discretion that it believes such maintenance is necessary. The Telephone Company will make a reasonable effort to provide notice to those customers likely to be affected by such maintenance work.

(M)
(M)
(M)
(M)
(C)
(M)
(M)
(M)
(M)
(M)
(M)
(M)
(M)

<u>State</u>	<u>Scheduled Maintenance Days</u>
Alabama	Sunday and Monday
Florida	Sunday and Wednesday
Georgia	Sunday and Friday
Kentucky	Sunday and Monday
Louisiana	Sunday and Tuesday
Mississippi	Sunday and Tuesday
North Carolina	Sunday and Saturday
South Carolina	Sunday and Saturday
Tennessee	Sunday and Thursday

(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)

EFFECTIVE: MAY 23, 2000

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21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.3 Technical Specifications (N)

The provision of MSFRS requires the applicable MSFRS Connection component. In addition, customers may add optional features. Each of the components of the service are described in this Section. (N)

All services installed after the effective date of this tariff will conform to the transmission specification standards in the following references: (N)

- UNI specifications for MSFRS are: (N)

ANSI T1.617-1991, "Integrated Services Digital Network (ISDN) - Digital Subscriber Signaling System No. 1 (DSS1) - Signaling Specification for Frame Relay Service", American National Standards Institute, and ANSI T1.618-1991, "Integrated Services Digital Network (ISDN) - Core Aspects of Frame Relay Bearer Service", American National Standards Institute. (N)

Document No. 001-208966, "Frame Relay Specification with Extension Based on Proposed T1S1 Standards", Digital Equipment Corporation, Northern Telecom, Inc., and StrataCom, Inc. (N)

BellSouth Technical Reference 73587, "Frame Relay Service Interface & Performance Specifications". (N)

- NNI specifications for MSFRS are: (N)

Frame Relay Forum Document FRF.2.1, "Frame Relay Network-to-Network Interface Implementation Agreement". (N)

BellSouth Technical Reference 73587, "Frame Relay Service Interface & Performance Specifications". (N)

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21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.4 Interface Specifications

The following specifications of network interfaces are available with MSFRS Connections:

Digital packet (UNI)
Digital packet (NNI)

21.4.5 Acceptance Testing

At no additional charge, and at the customer's request, the Telephone Company will cooperatively test at the time of installation.

21.4.6 Ordering Options and Conditions

The Access Order, as set forth in Section 5 preceding, is used in the provisioning of MSFRS. Also included in that section are other charges that may be associated with ordering MSFRS (e.g., Service Date Change Charges, Cancellation Charges, etc.).

21.4.7 Minimum Period of Service

The minimum period is one month.

21.4.8 Rate Regulations

Rates and charges are specified in 21.4.10 following for MSFRS. Unless specified otherwise, MSFRS is available for use with the Fast Packet Savings Plan subject to the regulations provided in 2.4.8.(F) preceding. -

For a promotional period from January 11, 2002 to April 10, 2002, customers may receive a credit for BellSouth Exchange Access ATM Service(XAATMS), BellSouth Exchange Access Frame Relay Service(XAFRS), BellSouth Managed Shared ATM Service(MSATMS) and BellSouth Managed Shared Frame Relay Service(MSFRS) Nonrecurring Charges for new ATM user-to-network interfaces(UNIs) and/or new Frame Relay network-to-network interface(NNIs) of DS1 or higher speed, provided the following criteria are met:

1. New ATM UNIs and/or Frame Relay NNIs are XAATMS, XAFRS, MSFRS, and/or MSATMS connections;
2. These new ATM UNIs and/or new Frame Relay NNIs must be ordered in at least 10 LATAS;
3. Five or more of these new ATM UNIs and/or new Frame Relay NNIs must be speeds of DS3 or higher
4. XAATMS and XAFRS connections must be ordered under the Fast Packet Services Payment Plan, Plan B(25-48 months) or a Fast Packet Savings Plan;
5. MSFRS and MSATMS connections must be ordered under a Fast Packet Savings Plan;
6. Installation must be completed by May 10, 2002.

(N)
(M)

EFFECTIVE: JANUARY 11, 2002

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21.4.8 Rate Regulations (cont'd)

Customers must pay Nonrecurring Charges at due date to avoid late payment (N)
fees. Credits equal to Nonrecurring Charges that are billed for installation (N)
will be applied at the end of the promotional period. No interest will be paid (N)
on these credits from payment date to credit date. (N)

21.4.9 Rate Categories (M)

The following rate categories apply to MSFRS:

(A) MSFRS Connections (M)

This rate category provides for the transport from the customer's (M)
premises to the MSFRS network. This rate category includes the packet (M)
switching function and the connectivity of all MSFRS switches within a (M)
MSFRS Service Area. An Initial DLCI is included with each MSFRS (M)
Connection. A nonrecurring charge and monthly rate applies per MSFRS (M)
Connection. (M)

BELLSOUTH TELECOMMUNICATIONS, INC.
BY: Operations Manager - Pricing
29G57, 675 W. Peachtree St., N.E.
Atlanta, Georgia 30375
ISSUED: APRIL 30, 2002

TARIFF F.C.C. NO. 1
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EFFECTIVE: MAY 1, 2002

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21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.9 Rate Categories (Cont'd)

(A) MSFRS Connections (Cont'd)

When a MSFRS customer moves (physically changes to another premises), the MSFRS Connection associated with the former location shall be disconnected and the service at the new location shall be considered as a new installation; nonrecurring charges shall apply for the installation of service at the new location.

A MSFRS customer request to change an existing MSFRS Connection to a different transmission speed shall be considered as a request for the disconnect of the existing service and a new installation of the different speed MSFRS Connection. Nonrecurring charges shall apply for the different speed MSFRS Connection.

A MSFRS customer request to change an existing MSFRS Connection to a Managed Shared ATM Service Connection (MSATMS) will be treated as a request for the disconnect of the MSFRS and a new installation of the MSATMS.

(B) MSFRS Meetpoint Extended Connections

(N)

MSFRS Meetpoint Extended Connections represents that portion of the MSPS service provided within BellSouth Territory (inclusive of a port on the switch, network serving area transport, and transport within BellSouth Territory outside the network serving area to the Independent Telephone Company meetpoint).

(N)
(N)
(N)
(N)
(N)

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.9 Rate Categories (Cont'd)

(B) Optional Features

The Optional Features rate category provides for optional features that may be added to MSFRS to improve its quality or utility to meet specific communications requirements.

(1) DLCIs per MSFRS Connection (UNI or NNI)

This feature provides for the assignment of a Data Link Channel Identifier (DLCI) per PVC requested on a MSFRS Connection (UNI or NNI). One DLCI is required per MSFRS Connection in order to form a single PVC. When a DLCI from each of two MSFRS Connections are mapped together through the service provisioning process, a single PVC is created. On an optional basis, a single PVC may also be created via the mapping of a DLCI to an ATM PVC Segment. Multiple DLCIs (and therefore, PVCs) may be associated with a single MSFRS Connection. A Standard PVC is created via the mapping of two Standard DLCIs; on an optional basis, features are available to allow the creation of Priority PVCs and PVCs established via Frame Relay to ATM Network Interworking with an ATM Service network interface. (C)
(C)

One Initial DLCI (either one Initial Standard DLCI or one Initial Priority DLCI) is available with each MSFRS when that DLCI is requested with the installation of the MSFRS Connection. Additional DLCI charges apply for every DLCI after the initial DLCI requested with the MSFRS Connection and for any DLCIs ordered subsequent to the installation of the MSFRS Connection. A nonrecurring charge and monthly rate applies per Additional DLCI requested. A DLCI which is not a Priority DLCI, as discussed following, is referred to as a Standard DLCI.

Priority PVC capability allows a customer to differentiate specific PVCs with regard to the importance of the data within those PVCs as compared to other PVCs. In the case of contention or network congestion, the network will give precedence to the frames of a Priority PVC over frames of a Standard PVC. MSFRS allows the creation of Priority PVCs. Such a Priority PVC is formed by the mapping of two Priority DLCIs (as set forth in 21.4.10(B)(1)); these Priority DLCIs must have an associated CIR value of greater than zero. A request to convert an existing Standard PVC to a Priority PVC (or vice versa) shall be considered as a request to disconnect the existing DLCIs and as a request to connect the new DLCIs.

When a PVC is requested to be disconnected, the monthly rates appropriate for the two DLCIs comprising the PVC will be discontinued.

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21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.9 Rate Categories (Cont'd)

(B) Optional Features (Cont'd)

(2) Committed Information Rate (CIR)

Committed Information Rate is a per DLCI feature that enables the customer to select a sustained throughput under normal conditions for the data transmitted within that PVC. A CIR must be selected for each DLCI within a PVC; both CIR values must be the same. The CIR value selected cannot exceed the minimum transmission speed of the MSFRS Connection at either end of the PVC.

A standard CIR rate element is applicable per DLCI when it is to be mapped to another DLCI to form a single PVC. (N)

A Frame Relay to ATM Network Interworking CIR rate element is applicable per DLCI when it is to be mapped to an ATM Service PVC Segment to form a single Frame Relay to ATM Network Interworking PVC. The mapping of a DLCI to an ATM PVC Segment is permitted on a per PVC basis. The Frame Relay data is essentially encapsulated in an ATM Service bit stream and retrieved by the ATM Customer's CPE as Frame Relay. Associated rates and charges for the related ATM Service apply as usual from the appropriate ATM Service tariff. Only Frame Relay DLCIs and ATM PVC Segments of a comparable quality of service can be mapped together to form a single PVC; the specific combinations of Frame Relay DLCIs and ATM PVC Segments permitted to be mapped together are as follows: (N)

<u>Frame Relay DLCI:</u>		<u>ATM PVC Segment¹:</u>	(N)
--------------------------	--	-------------------------------------	-----

-Non-priority with 0 CIR	and	UBR	(N)
-Non-priority with >0 CIR	and	VBR-NRT	(N)
-Priority with >0 CIR	and	VBR-RT	(N)

The rate elements for standard CIR with a value greater than zero and all Frame Relay to ATM Network Interworking CIR have a separate charge. The CIR rate element applies per DLCI and has a monthly rate only. (C)

Note 1: Due to technical limitations a mapping combination involving an ATM CBR PVC Segment is not possible. (N)

Material previously appearing on this page now appears on 1st Revised Page 21-35.

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21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.9 Rate Categories (Cont'd)

(B) Optional Features (Cont'd)

(2) Committed Information Rate (CIR) (Cont'd)

(M)

Frames submitted at a rate above the subscribed CIR will be marked "discard eligible" (DE) and, should network congestion occur, are subject to being dropped by the network. If CIR is set equal to zero, then all frames will be marked DE. However, in the absence of network congestion, DE marked frames will be transported with the same reliability as frames not marked DE.

(M)
(M)
(M)
(M)
(M)
(M)

Subsequent to the initial provisioning of a PVC, a customer may request that the CIR value be changed. A Feature Change Charge as specified in 21.4.9(C) applies per DLCI per PVC for such requests.

(M)
(M)
(M)

When a specific PVC is requested to be disconnected, the monthly rates appropriate for the CIR of the two DLCIs comprising the PVC will be discontinued.

(M)
(M)
(M)

The CIR value of Priority DLCIs must be greater than zero.

(M)

(3) Inter Service Area Link (ISAL)

The Telephone Company may establish facilities between MSFRS switching equipment in different Service Areas in the same LATA and may allow customers to share bandwidth on these facilities. Where these shared facilities are available to customers, an Inter Service Area Link is an Optional Feature that allows the customer to establish a PVC link between MSFRS Connections in the two different Service Areas.

The customer must request an Inter Service Area Link that provides the extension of a PVC between two Service Areas. Each link has an associated CIR that must match the CIR of the DLCIs associated with the PVC. One end-to-end PVC exists between both customer premises through an Inter Service Area Link.

The appropriate rates and charges for the Inter Service Area Link are from 21.4.10(B)(4) and are applied per end of link. A nonrecurring charge and monthly rate applies for each end of the Inter Service Area Link. The ISAL CIR charges are in addition to the associated DLCI and CIR charges from 21.4.10(B)(1), (2) and (3) that are applicable for the portions of this PVC in each Service Area.

(T)
(T)

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.9 Rate Categories (Cont'd)

(C) Feature Change Charge

A Feature Change Charge applies for a customer request to change an existing MSFRS Optional Feature for which there is no nonrecurring charge. (Examples: A Feature Change Charge applies for a customer request to change the CIR value associated with an existing DLCI. A Feature Change Charge applies for a customer request to change the CIR value associated with an existing DLCI and related ISAL CIR.)

A Feature Change Charge applies in lieu of standard MSFRS nonrecurring charges for a customer request where no physical work is required to convert the customer's existing service to MSFRS from Exchange Access Frame Relay Service and Special Access; standard MSFRS nonrecurring charges apply for such requests when any physical work is required.

(N)
(N)
(N)
(N)
(N)

(D) Transfer of Service

When a change to the customer of record is requested, transfer of service charges, as set forth in 21.4.10(D) following will apply. Charges are applied on a Billing Account Number (BAN).

Administrative changes, as identified below, will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for Access Service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name -- e.g., AT&T-Long Lines to AT&T-Long Lines to AT&T-Communications),
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data (name, address, or contract name or telephone number. The customer of record does not change),
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name of telephone number, and
- Change of jurisdiction.

All other service arrangements, including physical changes to existing services, will be charged as follows:

- If the change involves the addition of an optional feature that has a separate nonrecurring charge, that nonrecurring charge will apply.

EFFECTIVE: MAY 23, 2000

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21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.9 Rate Categories (Cont'd) (N)

The following provides an illustrative customer configuration to depict the application of the MSFRS rate categories. (N)

A customer has three premises within a single LATA between which he needs to transmit data. Within this particular LATA there are two MSFRS Service Areas. Premises A and B are provisioned from Service Area 1; Premises C is provisioned from Service Area 2. Premises A requires a 44.210 Mbps UNI MSFRS Connection because its serving wire center is a SAP in Service Area 1. Premises B requires a 1.536 Mbps UNI Extended Connection (Over 0 to 20 miles) because its serving wire center is outside the Service Area, 15 miles from the closest MSFRS Service Area Point. Premises C requires a 64 Kbps UNI MSFRS Connection because its serving wire center is a SAP in Service Area 2. (N)

The customer would like to establish three PVCs. "PVC I" is a 768 Kbps CIR PVC from Premises A to Premises B. "PVC II" is a zero CIR PVC from Premises A to Premises B. "PVC 3" is a 64 Kbps CIR PVC from Premises A to Premises C. The following rate elements shown by premises would be applicable for this service configuration: (N)

	<u>Premises A</u>	<u>Premises B</u>	<u>Premises C</u>	(N)
MSFRS Connection:	44.210 Mbps UNI	1.536 Mbps UNI	64 Kbps UNI	(N)
-PVC I:	Initial DLCI 768 Kbps CIR	Initial DLCI 768 Kbps CIR		(N)
-PVC II:	Additional DLCI Zero CIR	Additional DLCI Zero CIR		(N)
-PVC III:	Additional DLCI 64 Kbps CIR 64 Kbps ISAL CIR		Initial DLCI 64 Kbps CIR 64 Kbps ISAL CIR	(N)

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ACCESS SERVICE

21 - Fast Packet Access Services				(N)
21.4 <u>Managed Shared Frame Relay Service (MSFRS)</u> (Cont'd)				(N)
21.4.10 <u>Rates and Charges</u> (Cont'd)				(N)
(A) MSFRS Connections				(N)
(1) UNI				(N)
		Month		(N)
		to	Nonrecurring	(N)
	<u>USOC</u>	<u>Month</u>	<u>Charges</u>	(N)
56 Kbps (BCOS : MS9X5)				(N)
- MSFRS Connection	MS9TU	\$ 150.00	\$ 850.00	(N)
- MSFRS Extended Connection ¹	1L5WE	170.00	925.00	(N)
- MSFRS Extended Connection ²	1L5WE	180.00	925.00	(N)
- MSFRS Extended Connection ³	1L5WE	200.00	925.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	210.00	925.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	220.00	925.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	230.00	925.00	(N)
64 Kbps (BCOS : MS9X6)				(N)
- MSFRS Connection	MS9TU	\$ 150.00	\$ 850.00	(N)
- MSFRS Extended Connection ¹	1L5WE	170.00	925.00	(N)
- MSFRS Extended Connection ²	1L5WE	180.00	925.00	(N)
- MSFRS Extended Connection ³	1L5WE	200.00	925.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	210.00	925.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	220.00	925.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	230.00	925.00	(N)
Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area.				(N)
Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area.				(N)
Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area.				(N)
Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area.				(N)
Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area.				(N)
Note 6: Customer Premises SWC is over 125 miles outside Service Area.				(N)

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21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(A) MSFRS Connections (Cont'd)
 (1) UNI (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	
112 Kbps (BCOS : MS9XA)				(N)
- MSFRS Connection	MS9TU	\$ 255.00	\$ 925.00	(N)
- MSFRS Extended Connection ¹	1L5WE	415.00	1,045.00	(N)
- MSFRS Extended Connection ²	1L5WE	535.00	1,045.00	(N)
- MSFRS Extended Connection ³	1L5WE	635.00	1,045.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	755.00	1,045.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	855.00	1,045.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	955.00	1,045.00	(N)
128 Kbps (BCOS : MS9XB)				(N)
- MSFRS Connection	MS9TU	\$ 255.00	\$ 925.00	(N)
- MSFRS Extended Connection ¹	1L5WE	415.00	1,045.00	(N)
- MSFRS Extended Connection ²	1L5WE	535.00	1,045.00	(N)
- MSFRS Extended Connection ³	1L5WE	635.00	1,045.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	755.00	1,045.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	855.00	1,045.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	955.00	1,045.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

EFFECTIVE: OCTOBER 16, 2001

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(A) MSFRS Connections (Cont'd)
 (1) UNI (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	
192 Kbps (BCOS : MS9XC)				(N)
- MSFRS Connection	MS9TU	\$ 320.00	\$ 925.00	(N)
- MSFRS Extended Connection ¹	1L5WE	480.00	1,045.00	(N)
- MSFRS Extended Connection ²	1L5WE	600.00	1,045.00	(N)
- MSFRS Extended Connection ³	1L5WE	700.00	1,045.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	820.00	1,045.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	920.00	1,045.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	1020.00	1,045.00	(N)
256 Kbps (BCOS : MS9XD)				(N)
- MSFRS Connection	MS9TU	\$ 345.00	\$ 925.00	(N)
- MSFRS Extended Connection ¹	1L5WE	505.00	1,045.00	(N)
- MSFRS Extended Connection ²	1L5WE	625.00	1,045.00	(N)
- MSFRS Extended Connection ³	1L5WE	725.00	1,045.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	845.00	1,045.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	945.00	1,045.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	1045.00	1,045.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

EFFECTIVE: OCTOBER 16, 2001

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21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(A) MSFRS Connections (Cont'd)
 (1) UNI (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	
320 Kbps (BCOS : MS9XE)				(N)
- MSFRS Connection	MS9TU	\$ 390.00	\$ 925.00	(N)
- MSFRS Extended Connection ¹	1L5WE	550.00	1,045.00	(N)
- MSFRS Extended Connection ²	1L5WE	670.00	1,045.00	(N)
- MSFRS Extended Connection ³	1L5WE	770.00	1,045.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	890.00	1,045.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	990.00	1,045.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	1,090.00	1,045.00	(N)
384 Kbps (BCOS : MS9XF)				(N)
- MSFRS Connection	MS9TU	\$ 390.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5WE	550.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5WE	670.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5WE	770.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	890.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	990.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	1,090.00	1,110.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(A) MSFRS Connections (Cont'd)
 (1) UNI (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	
448 Kbps (BCOS : MS9XG)				(N)
- MSFRS Connection	MS9TU	\$ 395.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5WE	555.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5WE	675.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5WE	775.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	895.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	995.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	1,095.00	1,110.00	(N)
512 Kbps (BCOS : MS9XH)				(N)
- MSFRS Connection	MS9TU	\$ 395.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5WE	555.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5WE	675.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5WE	775.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	895.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	995.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	1,095.00	1,110.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(A) MSFRS Connections (Cont'd)
 (1) UNI (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	
576 Kbps (BCOS : MS9XJ)				(N)
- MSFRS Connection	MS9TU	\$ 400.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5WE	560.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5WE	680.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5WE	780.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	900.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	1,000.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	1,100.00	1,110.00	(N)
640 Kbps (BCOS : MS9XK)				(N)
- MSFRS Connection	MS9TU	\$ 400.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5WE	560.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5WE	680.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5WE	780.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	900.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	1,000.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	1,100.00	1,110.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(A) MSFRS Connections (Cont'd)
 (1) UNI (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	
704 Kbps (BCOS : MS9XL)				(N)
- MSFRS Connection	MS9TU	\$ 405.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5WE	565.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5WE	685.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5WE	785.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	905.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	1,005.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	1,105.00	1,110.00	(N)
768 Kbps (BCOS : MS9XM)				(N)
- MSFRS Connection	MS9TU	\$ 405.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5WE	565.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5WE	685.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5WE	785.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	905.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	1,005.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	1,105.00	1,110.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(A) MSFRS Connections (Cont'd)
 (1) UNI (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	
1024 Kbps (BCOS : MS9XN)				(N)
- MSFRS Connection	MS9TU	\$ 409.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5WE	569.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5WE	689.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5WE	789.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	909.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	1,009.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	1,109.00	1,110.00	(N)
1152 Kbps (BCOS : MS9X0)				(N)
- MSFRS Connection	MS9TU	\$ 409.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5WE	569.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5WE	689.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5WE	789.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5WE	909.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5WE	1,009.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5WE	1,109.00	1,110.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges(Cont'd)

(A) MSFRS Connections (Cont'd)
 (1) UNI (Cont'd)

	<u>USOC</u>	Month to Month	Nonrecurring Charges
1.536 Mbps (BCOS : MS9X1)			
- MSFRS Connection	MS9TU	\$ 565.00	\$ 990.00
- MSFRS Extended Connection ¹	1L5WE	725.00	1100.00
- MSFRS Extended Connection ²	1L5WE	845.00	1100.00
- MSFRS Extended Connection ³	1L5WE	945.00	1100.00
- MSFRS Extended Connection ⁴	1L5WE	1065.00	1100.00
- MSFRS Extended Connection ⁵	1L5WE	1165.00	1100.00
- MSFRS Extended Connection ⁶	1L5WE	1265.00	1100.00
3 Mbps (BCOS : MS9XS)			
- MSFRS Connection	MS9UP	\$ 2480.00	\$ 2225.00
- MSFRS Extended Connection ¹	MS9EP	4205.00	2575.00
- MSFRS Extended Connection ²	MS9EP	5080.00	2575.00
- MSFRS Extended Connection ³	MS9EP	5790.00	2575.00
- MSFRS Extended Connection ⁴	MS9EP	6505.00	2575.00
- MSFRS Extended Connection ⁵	MS9EP	6875.00	2575.00
- MSFRS Extended Connection ⁶	MS9EP	7080.00	2575.00

(N)
 (N)
 (N)
 (N)
 (N)
 (N)
 (N)
 (N)
 (N)
 (M)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area.
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area.
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area.
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area.
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area.
 Note 6: Customer Premises SWC is over 125 miles outside Service Area.

Certain material previously appearing on this page now appears on page 21-39.6.

(N)
 (N)

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(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges(Cont'd)

(N)

(A) MSFRS Connections (Cont'd)

(N)

(1) UNI (Cont'd)

(N)

	<u>USOC</u>	<u>Month</u> <u>to</u> <u>Month</u>	<u>Nonrecurring</u> <u>Charges</u>	(N)
6 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9UQ	\$ 2555.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9EQ	4280.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9EQ	5155.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9EQ	5865.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9EQ	6580.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9EQ	6950.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9EQ	7155.00	2575.00	(N)
9 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9UR	\$ 2755.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9ER	4480.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9ER	5355.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9ER	6065.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9ER	6780.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9ER	7150.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9ER	7355.00	2575.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)

Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)

Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)

Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)

Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)

Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges(Cont'd)

(N)

(A) MSFRS Connections (Cont'd)
 (1) UNI (Cont'd)

(N)

	<u>USOC</u>	Month to <u>Month</u>	<u>Nonrecurring Charges</u>	
12 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9US	\$ 2955.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9ES	4680.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9ES	5555.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9ES	6265.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9ES	6980.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9ES	7350.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9ES	7555.00	2575.00	(N)
15 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9UT	\$ 3155.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9ET	4880.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9ET	5755.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9ET	6465.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9ET	7180.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9ET	7550.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9ET	7755.00	2575.00	(N)

- Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges(Cont'd)

(N)

(A) MSFRS Connections (Cont'd)
 (1) UNI (Cont'd)

(N)

(N)

	<u>USOC</u>	Month to <u>Month</u>	<u>Nonrecurring Charges</u>	
18 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9UU	\$ 3355.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9EU	5080.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9EU	5955.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9EU	6665.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9EU	7380.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9EU	7750.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9EU	7955.00	2575.00	(N)
21 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9UV	\$ 3555.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9EV	5280.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9EV	6155.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9EV	6865.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9EV	7580.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9EV	7950.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9EV	8155.00	2575.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)

Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)

Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)

Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)

Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)

Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

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(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges(Cont'd)

(N)

(A) MSFRS Connections (Cont'd)

(N)

(1) UNI (Cont'd)

(N)

	<u>USOC</u>	Month to Month	<u>Nonrecurring Charges</u>	(N)
24 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9UW	\$ 3755.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9EW	5480.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9EW	6355.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9EW	7065.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9EW	7780.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9EW	8150.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9EW	8355.00	2575.00	(N)
27 Mbps (BCOS : TBD)				(N)
- MSFRS Connection	MS9UX	\$ 3955.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9EX	5680.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9EX	6555.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9EX	7265.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9EX	7980.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9EX	8350.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9EX	8555.00	2575.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)

Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)

Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)

Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)

Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)

Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges(Cont'd)

(N)

(A) MSFRS Connections (Cont'd)
 (1) UNI (Cont'd)

(N)

	<u>USOC</u>	Month to Month	Nonrecurring <u>Charges</u>
30 Mbps (BCOS : MS9XS)			
- MSFRS Connection	MS9UY	\$ 4155.00	\$ 2225.00
- MSFRS Extended Connection ¹	MS9EY	5880.00	2575.00
- MSFRS Extended Connection ²	MS9EY	6755.00	2575.00
- MSFRS Extended Connection ³	MS9EY	7465.00	2575.00
- MSFRS Extended Connection ⁴	MS9EY	8180.00	2575.00
- MSFRS Extended Connection ⁵	MS9EY	8550.00	2575.00
- MSFRS Extended Connection ⁶	MS9EY	8755.00	2575.00
33 Mbps (BCOS : MS9XS)			
- MSFRS Connection	MS9UZ	\$ 4355.00	\$ 2225.00
- MSFRS Extended Connection ¹	MS9EZ	6080.00	2575.00
- MSFRS Extended Connection ²	MS9EZ	6955.00	2575.00
- MSFRS Extended Connection ³	MS9EZ	7665.00	2575.00
- MSFRS Extended Connection ⁴	MS9EZ	8380.00	2575.00
- MSFRS Extended Connection ⁵	MS9EZ	8750.00	2575.00
- MSFRS Extended Connection ⁶	MS9EZ	8955.00	2575.00

(N)

- Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

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ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges(Cont'd)

(N)

(A) MSFRS Connections (Cont'd)

(N)

(1) UNI (Cont'd)

(N)

		Month		
		to	Nonrecurring	
	<u>USOC</u>	<u>Month</u>	<u>Charges</u>	
44.210 Mbps (BCOS : MS9X4)				(M)
- MSFRS Connection	MS9TU	\$ 5000.00	\$ 2,225.00	(M)
- MSFRS Extended Connection ¹	1L5WE	6,725.00	2,575.00	(M)
- MSFRS Extended Connection ²	1L5WE	7,600.00	2,575.00	(M)
- MSFRS Extended Connection ³	1L5WE	8,310.00	2,575.00	(M)
- MSFRS Extended Connection ⁴	1L5WE	9,025.00	2,575.00	(M)
- MSFRS Extended Connection ⁵	1L5WE	9,395.00	2,575.00	(M)
- MSFRS Extended Connection ⁶	1L5WE	9,600.00	2,575.00	(M)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)

Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)

Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)

Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)

Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)

Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

Certain material appearing on this page previously appeared on page 21-39. (N)

ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(A) MSFRS Connections (Cont'd) (N)
 (2) NNI (N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>		
56 Kbps (BCOS : MS9X5) (N)				
- MSFRS Connection	MS9TN	\$ 150.00	\$ 850.00	(N)
- MSFRS Extended Connection ¹	1L5RE	170.00	925.00	(N)
- MSFRS Extended Connection ²	1L5RE	180.00	925.00	(N)
- MSFRS Extended Connection ³	1L5RE	200.00	925.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	210.00	925.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	220.00	925.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	230.00	925.00	(N)
64 Kbps (BCOS : MS9X6) (N)				
- MSFRS Connection	MS9TN	\$ 150.00	\$ 850.00	(N)
- MSFRS Extended Connection ¹	1L5RE	170.00	925.00	(N)
- MSFRS Extended Connection ²	1L5RE	180.00	925.00	(N)
- MSFRS Extended Connection ³	1L5RE	200.00	925.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	210.00	925.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	220.00	925.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	230.00	925.00	(N)

- Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(A) MSFRS Connections (Cont'd)
 (2) NNI (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	
112 Kbps (BCOS : MS9XA)				(N)
- MSFRS Connection	MS9TN	\$ 255.00	\$ 925.00	(N)
- MSFRS Extended Connection ¹	1L5RE	415.00	1,045.00	(N)
- MSFRS Extended Connection ²	1L5RE	535.00	1,045.00	(N)
- MSFRS Extended Connection ³	1L5RE	635.00	1,045.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	755.00	1,045.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	855.00	1,045.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	955.00	1,045.00	(N)
128 Kbps (BCOS : MS9XB)				(N)
- MSFRS Connection	MS9TN	\$ 255.00	\$ 925.00	(N)
- MSFRS Extended Connection ¹	1L5RE	415.00	1,045.00	(N)
- MSFRS Extended Connection ²	1L5RE	535.00	1,045.00	(N)
- MSFRS Extended Connection ³	1L5RE	635.00	1,045.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	755.00	1,045.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	855.00	1,045.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	955.00	1,045.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(A) MSFRS Connections (Cont'd)
 (2) NNI (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	
192 Kbps (BCOS : MS9XC)				(N)
- MSFRS Connection	MS9TN	\$ 320.00	\$ 925.00	(N)
- MSFRS Extended Connection ¹	1L5RE	480.00	1,045.00	(N)
- MSFRS Extended Connection ²	1L5RE	600.00	1,045.00	(N)
- MSFRS Extended Connection ³	1L5RE	700.00	1,045.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	820.00	1,045.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	920.00	1,045.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	1020.00	1,045.00	(N)
256 Kbps (BCOS : MS9XD)				(N)
- MSFRS Connection	MS9TN	\$ 345.00	\$ 925.00	(N)
- MSFRS Extended Connection ¹	1L5RE	505.00	1,045.00	(N)
- MSFRS Extended Connection ²	1L5RE	625.00	1,045.00	(N)
- MSFRS Extended Connection ³	1L5RE	725.00	1,045.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	845.00	1,045.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	945.00	1,045.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	1045.00	1,045.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(A) MSFRS Connections (Cont'd)
 (2) NNI (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	
320 Kbps (BCOS : MS9XE)				(N)
- MSFRS Connection	MS9TN	\$ 390.00	\$ 925.00	(N)
- MSFRS Extended Connection ¹	1L5RE	550.00	1,045.00	(N)
- MSFRS Extended Connection ²	1L5RE	670.00	1,045.00	(N)
- MSFRS Extended Connection ³	1L5RE	770.00	1,045.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	890.00	1,045.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	990.00	1,045.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	1,090.00	1,045.00	(N)
384 Kbps (BCOS : MS9XF)				(N)
- MSFRS Connection	MS9TN	\$ 390.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5RE	550.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5RE	670.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5RE	770.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	890.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	990.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	1,090.00	1,110.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(A) MSFRS Connections (Cont'd)
 (2) NNI (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	
448 Kbps (BCOS : MS9XG)				(N)
- MSFRS Connection	MS9TN	\$ 395.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5RE	555.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5RE	675.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5RE	775.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	895.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	995.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	1,095.00	1,110.00	(N)
512 Kbps (BCOS : MS9XH)				(N)
- MSFRS Connection	MS9TN	\$ 395.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5RE	555.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5RE	675.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5RE	775.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	895.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	995.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	1,095.00	1,110.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(A) MSFRS Connections (Cont'd)
 (2) NNI (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	
576 Kbps (BCOS : MS9XJ)				(N)
- MSFRS Connection	MS9TN	\$ 400.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5RE	560.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5RE	680.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5RE	780.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	900.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	1,000.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	1,100.00	1,110.00	(N)
640 Kbps (BCOS : MS9XK)				(N)
- MSFRS Connection	MS9TN	\$ 400.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5RE	560.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5RE	680.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5RE	780.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	900.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	1,000.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	1,100.00	1,110.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(A) MSFRS Connections (Cont'd)
 (2) NNI (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	
704 Kbps (BCOS : MS9XL)				(N)
- MSFRS Connection	MS9TN	\$ 405.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5RE	565.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5RE	685.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5RE	785.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	905.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	1,005.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	1,105.00	1,110.00	(N)
768 Kbps (BCOS : MS9XM)				(N)
- MSFRS Connection	MS9TN	\$ 405.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5RE	565.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5RE	685.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5RE	785.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	905.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	1,005.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	1,105.00	1,110.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

EFFECTIVE: OCTOBER 16, 2001

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(A) MSFRS Connections (Cont'd)
 (2) NNI (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	
1024 Kbps (BCOS : MS9XN)				(N)
- MSFRS Connection	MS9TN	\$ 409.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5RE	569.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5RE	689.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5RE	789.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	909.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	1,009.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	1,109.00	1,110.00	(N)
1152 Kbps (BCOS : MS9X0)				(N)
- MSFRS Connection	MS9TN	\$ 409.00	\$ 990.00	(N)
- MSFRS Extended Connection ¹	1L5RE	569.00	1,110.00	(N)
- MSFRS Extended Connection ²	1L5RE	689.00	1,110.00	(N)
- MSFRS Extended Connection ³	1L5RE	789.00	1,110.00	(N)
- MSFRS Extended Connection ⁴	1L5RE	909.00	1,110.00	(N)
- MSFRS Extended Connection ⁵	1L5RE	1,009.00	1,110.00	(N)
- MSFRS Extended Connection ⁶	1L5RE	1,109.00	1,110.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(A) MSFRS Connections (Cont'd)
 (2) NNI (Cont'd)

	<u>USOC</u>	Month to <u>Month</u>	<u>Nonrecurring Charges</u>	
1.536 Mbps (BCOS : MS9X1)				
- MSFRS Connection	MS9TN	\$ 565.00	\$ 990.00	
- MSFRS Extended Connection ¹	1L5RE	725.00	1100.00	
- MSFRS Extended Connection ²	1L5RE	845.00	1100.00	
- MSFRS Extended Connection ³	1L5RE	945.00	1100.00	
- MSFRS Extended Connection ⁴	1L5RE	1065.00	1100.00	
- MSFRS Extended Connection ⁵	1L5RE	1165.00	1100.00	
- MSFRS Extended Connection ⁶	1L5RE	1265.00	1100.00	
3 Mbps (BCOS : MS9XS)				
- MSFRS Connection	MS9NP	\$ 2480.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9OP	4205.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9OP	5080.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9OP	5790.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9OP	6505.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9OP	6875.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9OP	7080.00	2575.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area.
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area.
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area.
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area.
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area.
 Note 6: Customer Premises SWC is over 125 miles outside Service Area.

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EFFECTIVE: AUGUST 31, 2002

ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges(Cont'd)

(N)

(A) MSFRS Connections (Cont'd)

(N)

(2) NNI (Cont'd)

(N)

		Month		
		to	Nonrecurring	
	<u>USOC</u>	<u>Month</u>	<u>Charges</u>	
6 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9NQ	\$ 2555.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9OQ	4280.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9OQ	5155.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9OQ	5865.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9OQ	6580.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9OQ	6950.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9OQ	7155.00	2575.00	(N)
9 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9NR	\$ 2755.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9OR	4480.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9OR	5355.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9OR	6065.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9OR	6780.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9OR	7150.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9OR	7355.00	2575.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)

Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)

Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)

Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)

Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)

Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges(Cont'd)

(N)

(A) MSFRS Connections (Cont'd)

(N)

(2) NNI (Cont'd)

(N)

	<u>USOC</u>	Month to Month	Nonrecurring Charges	(N)
12 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9NS	\$ 2955.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9OS	4680.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9OS	5555.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9OS	6265.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9OS	6980.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9OS	7350.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9OS	7555.00	2575.00	(N)
15 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9NT	\$ 3155.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9OT	4880.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9OT	5755.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9OT	6465.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9OT	7180.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9OT	7550.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9OT	7755.00	2575.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)

Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)

Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)

Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)

Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)

Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges(Cont'd)

(N)

(A) MSFRS Connections (Cont'd)

(N)

(2) NNI (Cont'd)

(N)

	<u>USOC</u>	<u>Month</u> <u>to</u> <u>Month</u>	<u>Nonrecurring</u> <u>Charges</u>	
18 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9NU	\$ 3355.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9OU	5080.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9OU	5955.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9OU	6665.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9OU	7380.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9OU	7750.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9OU	7955.00	2575.00	(N)
21 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9NV	\$ 3555.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9OV	5280.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9OV	6155.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9OV	6865.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9OV	7580.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9OV	7950.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9OV	8155.00	2575.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)

Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)

Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)

Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)

Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)

Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges(Cont'd)

(N)

(A) MSFRS Connections (Cont'd)

(N)

(2) NNI (Cont'd)

(N)

	<u>USOC</u>	Month to Month	<u>Nonrecurring Charges</u>	(N)
24 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9NW	\$ 3755.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9OW	5480.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9OW	6355.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9OW	7065.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9OW	7780.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9OW	8150.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9OW	8355.00	2575.00	(N)
27 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9NX	\$ 3955.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS9OX	5680.00	2575.00	(N)
- MSFRS Extended Connection ²	MS9OX	6555.00	2575.00	(N)
- MSFRS Extended Connection ³	MS9OX	7265.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS9OX	7980.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS9OX	8350.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS9OX	8555.00	2575.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)

Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)

Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)

Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)

Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)

Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

EFFECTIVE: AUGUST 31, 2002

ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges(Cont'd)

(N)

(A) MSFRS Connections (Cont'd)

(N)

(2) NNI (Cont'd)

(N)

	<u>USOC</u>	Month to Month	<u>Nonrecurring Charges</u>	(N)
30 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9NY	\$ 4155.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS90Y	5880.00	2575.00	(N)
- MSFRS Extended Connection ²	MS90Y	6755.00	2575.00	(N)
- MSFRS Extended Connection ³	MS90Y	7465.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS90Y	8180.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS90Y	8550.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS90Y	8755.00	2575.00	(N)
33 Mbps (BCOS : MS9XS)				(N)
- MSFRS Connection	MS9NZ	\$ 4355.00	\$ 2225.00	(N)
- MSFRS Extended Connection ¹	MS90Z	6080.00	2575.00	(N)
- MSFRS Extended Connection ²	MS90Z	6955.00	2575.00	(N)
- MSFRS Extended Connection ³	MS90Z	7665.00	2575.00	(N)
- MSFRS Extended Connection ⁴	MS90Z	8380.00	2575.00	(N)
- MSFRS Extended Connection ⁵	MS90Z	8750.00	2575.00	(N)
- MSFRS Extended Connection ⁶	MS90Z	8955.00	2575.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)

Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)

Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)

Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)

Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)

Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

EFFECTIVE: AUGUST 31, 2002

ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges (Cont'd)

(N)

(A) MSFRS Connections (Cont'd)

(N)

(2) NNI (Cont'd)

(N)

		Month		Month	Nonrecurring	
		to		Month	Charges	
	<u>USOC</u>					
44.210 Mbps (BCOS : MS9X4)						(M)
- MSFRS Connection	MS9TN	\$	5,000.00	\$	2,225.00	(M)
- MSFRS Extended Connection ¹	1L5RE		6,725.00		2,575.00	(M)
- MSFRS Extended Connection ²	1L5RE		7,600.00		2,575.00	(M)
- MSFRS Extended Connection ³	1L5RE		8,310.00		2,575.00	(M)
- MSFRS Extended Connection ⁴	1L5RE		9,025.00		2,575.00	(M)
- MSFRS Extended Connection ⁵	1L5RE		9,395.00		2,575.00	(M)
- MSFRS Extended Connection ⁶	1L5RE		9,600.00		2,575.00	(M)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)

Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)

Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)

Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)

Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)

Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

Material appearing on this page previously appeared on original page 21-41. (N)

EFFECTIVE: MAY 1, 2002

ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (N)
 (1) UNI (N)

	<u>USOC</u>	Month to <u>Month</u>	<u>Nonrecurring</u> <u>Charges</u>	(N)
56 Kbps (BCOS : MS9X5)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 150.00	\$ 575.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	160.00	575.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	180.00	575.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	190.00	575.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	200.00	575.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	210.00	575.00	
64 Kbps (BCOS : MS9X6)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 150.00	\$ 575.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	160.00	575.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	180.00	575.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	190.00	575.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	200.00	575.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	210.00	575.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.
 Note 2: Meetpoint is over 20 to 50 miles outside Service Area.
 Note 3: Meetpoint is over 50 to 75 miles outside Service Area.
 Note 4: Meetpoint is over 75 to 100 miles outside Service Area.
 Note 5: Meetpoint is over 100 to 125 miles outside Service Area.
 Note 6: Meetpoint is over 125 miles outside Service Area.

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EFFECTIVE: MAY 1, 2002

ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)

(1) UNI (Cont'd) (N)

		Month		
		to	Nonrecurring	
	<u>USOC</u>	<u>Month</u>	<u>Charges</u>	
112 Kbps (BCOS : MS9XA)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 385.00	\$ 770.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	505.00	770.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	605.00	770.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	725.00	770.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	825.00	770.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	925.00	770.00	
128 Kbps (BCOS : MS9XB)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 385.00	\$ 770.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	505.00	770.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	605.00	770.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	725.00	770.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	825.00	770.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	925.00	770.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.
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 Note 6: Meetpoint is over 125 miles outside Service Area.

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EFFECTIVE: MAY 1, 2002

ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)

(1) UNI (Cont'd) (N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>		
192 Kbps (BCOS : MS9XC)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 450.00	\$ 770.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	570.00	770.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	670.00	770.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	790.00	770.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	890.00	770.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	990.00	770.00	
256 Kbps (BCOS : MS9XD)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 475.00	\$ 770.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	595.00	770.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	695.00	770.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	815.00	770.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	915.00	770.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	1015.00	770.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.
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 Note 5: Meetpoint is over 100 to 125 miles outside Service Area.
 Note 6: Meetpoint is over 125 miles outside Service Area.

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EFFECTIVE: MAY 1, 2002

ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)

(1) UNI (Cont'd) (N)

	<u>USOC</u>	Month to <u>Month</u>	<u>Nonrecurring</u> <u>Charges</u>	(N)
320 Kbps (BCOS : MS9XE)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 520.00	\$ 770.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	640.00	770.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	740.00	770.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	860.00	770.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	960.00	770.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	1060.00	770.00	
384 Kbps (BCOS : MS9XF)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 520.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	640.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	740.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	860.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	960.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	1060.00	835.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.
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 Note 5: Meetpoint is over 100 to 125 miles outside Service Area.
 Note 6: Meetpoint is over 125 miles outside Service Area.

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EFFECTIVE: MAY 1, 2002

ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)

(1) UNI (Cont'd) (N)

		Month		
		to	Nonrecurring	
	<u>USOC</u>	<u>Month</u>	<u>Charges</u>	
448 Kbps (BCOS : MS9XG)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 525.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	645.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	745.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	865.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	965.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	1065.00	835.00	
512 Kbps (BCOS : MS9XH)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 525.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	645.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	745.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	865.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	965.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	1065.00	835.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area. (N)

Note 2: Meetpoint is over 20 to 50 miles outside Service Area. (N)

Note 3: Meetpoint is over 50 to 75 miles outside Service Area. (N)

Note 4: Meetpoint is over 75 to 100 miles outside Service Area. (N)

Note 5: Meetpoint is over 100 to 125 miles outside Service Area. (N)

Note 6: Meetpoint is over 125 miles outside Service Area. (N)

EFFECTIVE: MAY 1, 2002

ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)

(1) UNI (Cont'd) (N)

	<u>USOC</u>	<u>Month</u> to <u>Month</u>	<u>Nonrecurring</u> <u>Charges</u>	(N)
576 Kbps (BCOS : MS9XJ)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 530.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	650.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	750.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	870.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	970.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	1070.00	835.00	
640 Kbps (BCOS : MS9XK)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 530.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	650.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	750.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	870.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	970.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	1070.00	835.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area. (N)
 Note 2: Meetpoint is over 20 to 50 miles outside Service Area. (N)
 Note 3: Meetpoint is over 50 to 75 miles outside Service Area. (N)
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 Note 5: Meetpoint is over 100 to 125 miles outside Service Area. (N)
 Note 6: Meetpoint is over 125 miles outside Service Area. (N)

EFFECTIVE: MAY 1, 2002

ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)

(1) UNI (Cont'd) (N)

		Month		
		to	Nonrecurring	
	<u>USOC</u>	<u>Month</u>	<u>Charges</u>	
704 Kbps (BCOS : MS9XL)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 535.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	655.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	755.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	875.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	975.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	1075.00	835.00	
768 Kbps (BCOS : MS9XM)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 535.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	655.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	755.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	875.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	975.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	1075.00	835.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area. (N)

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Note 6: Meetpoint is over 125 miles outside Service Area. (N)

EFFECTIVE: MAY 1, 2002

ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)

(1) UNI (Cont'd) (N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>		
1024 Kbps (BCOS : MS9XN)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 539.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	659.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	759.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	879.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	979.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	1079.00	835.00	
1152 Kbps (BCOS : MS9X0)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 539.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RU	659.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	759.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	879.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	979.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	1079.00	835.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.
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 Note 6: Meetpoint is over 125 miles outside Service Area.

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BELLSOUTH TELECOMMUNICATIONS, INC.
 BY: Operations Manager - Pricing
 29G57, 675 W. Peachtree St., N.E.
 Atlanta, Georgia 30375
 ISSUED: AUGUST 30, 2002

TARIFF F.C.C. NO. 1
 1ST REVISED PAGE 21-41.9
 CANCELS ORIGINAL PAGE 21-41.9

EFFECTIVE: AUGUST 31, 2002

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(B) MSFRS Meetpoint Extended Connections (Cont'd)
 (1) UNI (Cont'd)

	<u>USOC</u>	Month to Month	Nonrecurring Charges	
1.536 Mbps (BCOS : MS9X1)				
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$ 695.00	\$ 825.00	
- MSFRS Meetpoint Extended Connection ²	1L5RU	815.00	825.00	
- MSFRS Meetpoint Extended Connection ³	1L5RU	915.00	825.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	1035.00	825.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	1135.00	825.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	1235.00	825.00	
3 Mbps (BCOS : MS9XS)				
- MSFRS Meetpoint Extended Connection ¹	MS9MP	\$3725.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9MP	4600.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9MP	5310.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9MP	6025.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9MP	6395.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9MP	6600.00	\$ 1860.00	(N)

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.
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 Note 6: Meetpoint is over 125 miles outside Service Area.

Certain material previously appearing on this page now appears on original page 21-41.9.6. (N)
 (N)

ACCESS SERVICE (N)

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)
 (1) UNI (Cont'd) (N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>		
6 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9MQ	\$3800.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9MQ	4675.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9MQ	5385.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9MQ	6100.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9MQ	6470.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9MQ	6675.00	\$ 1860.00	(N)
9 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9MR	\$4000.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9MR	4875.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9MR	5585.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9MR	6300.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9MR	6670.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9MR	6875.00	\$ 1860.00	(N)

- Note 1: Meetpoint is over 0 to 20 miles outside Service Area. (N)
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 Note 5: Meetpoint is over 100 to 125 miles outside Service Area. (N)
 Note 6: Meetpoint is over 125 miles outside Service Area. (N)

ACCESS SERVICE (N)

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)
 (1) UNI (Cont'd) (N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>		
12 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9MS	\$4200.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9MS	5075.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9MS	5785.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9MS	6500.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9MS	6870.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9MS	7075.00	\$ 1860.00	(N)
15 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9MT	\$4400.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9MT	5275.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9MT	5985.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9MT	6700.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9MT	7070.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9MT	7275.00	\$ 1860.00	(N)

- Note 1: Meetpoint is over 0 to 20 miles outside Service Area. (N)
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 Note 5: Meetpoint is over 100 to 125 miles outside Service Area. (N)
 Note 6: Meetpoint is over 125 miles outside Service Area. (N)

EFFECTIVE: AUGUST 31, 2002

ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges (Cont'd)

(N)

(B) MSFRS Meetpoint Extended Connections (Cont'd)

(N)

(1) UNI (Cont'd)

(N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>		
18 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9MU	\$4600.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9MU	5475.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9MU	6185.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9MU	6900.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9MU	7270.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9MU	7475.00	\$ 1860.00	(N)
21 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9MV	\$4800.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9MV	5675.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9MV	6385.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9MV	7100.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9MV	7470.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9MV	7675.00	\$ 1860.00	(N)

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.

(N)

Note 2: Meetpoint is over 20 to 50 miles outside Service Area.

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Note 3: Meetpoint is over 50 to 75 miles outside Service Area.

(N)

Note 4: Meetpoint is over 75 to 100 miles outside Service Area.

(N)

Note 5: Meetpoint is over 100 to 125 miles outside Service Area.

(N)

Note 6: Meetpoint is over 125 miles outside Service Area.

(N)

EFFECTIVE: AUGUST 31, 2002

ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges (Cont'd)

(N)

(B) MSFRS Meetpoint Extended Connections (Cont'd)

(N)

(1) UNI (Cont'd)

(N)

		Month		
		to	Nonrecurring	
	<u>USOC</u>	<u>Month</u>	<u>Charges</u>	
24 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9MW	\$5000.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9MW	6075.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9MW	6585.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9MW	7300.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9MW	7670.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9MW	7875.00	\$1860.00	(N)
27 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9MX	\$5200.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9MX	6075.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9MX	6785.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9MX	7500.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9MX	7870.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9MX	8075.00	\$1860.00	(N)

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.

(N)

Note 2: Meetpoint is over 20 to 50 miles outside Service Area.

(N)

Note 3: Meetpoint is over 50 to 75 miles outside Service Area.

(N)

Note 4: Meetpoint is over 75 to 100 miles outside Service Area.

(N)

Note 5: Meetpoint is over 100 to 125 miles outside Service Area.

(N)

Note 6: Meetpoint is over 125 miles outside Service Area.

(N)

EFFECTIVE: AUGUST 31, 2002

ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges (Cont'd)

(N)

(B) MSFRS Meetpoint Extended Connections (Cont'd)

(N)

(1) UNI (Cont'd)

(N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>		
30 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9MY	\$5400.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9MY	6275.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9MY	6985.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9MY	7700.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9MY	8070.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9MY	8275.00	\$1860.00	(N)
33 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9MZ	\$5600.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9MZ	6475.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9MZ	7185.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9MZ	7900.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9MZ	8270.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9MZ	8475.00	\$1860.00	(N)

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.

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Note 2: Meetpoint is over 20 to 50 miles outside Service Area.

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Note 3: Meetpoint is over 50 to 75 miles outside Service Area.

(N)

Note 4: Meetpoint is over 75 to 100 miles outside Service Area.

(N)

Note 5: Meetpoint is over 100 to 125 miles outside Service Area.

(N)

Note 6: Meetpoint is over 125 miles outside Service Area.

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EFFECTIVE: AUGUST 31, 2002

ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges (Cont'd)

(N)

(B) MSFRS Meetpoint Extended Connections (Cont'd)

(N)

(1) UNI (Cont'd)

(N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>		
44.210 Mbps (BCOS : MS9X4)				(M)
- MSFRS Meetpoint Extended Connection ¹	1L5RU	\$6245.00	\$ 1860.00	(M)
- MSFRS Meetpoint Extended Connection ²	1L5RU	7120.00	1860.00	(M)
- MSFRS Meetpoint Extended Connection ³	1L5RU	7830.00	1860.00	(M)
- MSFRS Meetpoint Extended Connection ⁴	1L5RU	8545.00	1860.00	(M)
- MSFRS Meetpoint Extended Connection ⁵	1L5RU	8915.00	1860.00	(M)
- MSFRS Meetpoint Extended Connection ⁶	1L5RU	9120.00	1860.00	(M)

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.

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Note 2: Meetpoint is over 20 to 50 miles outside Service Area.

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Note 3: Meetpoint is over 50 to 75 miles outside Service Area.

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Note 4: Meetpoint is over 75 to 100 miles outside Service Area.

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Note 5: Meetpoint is over 100 to 125 miles outside Service Area.

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Note 6: Meetpoint is over 125 miles outside Service Area.

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Certain material appearing on this page previously appeared on original page 21-41.9.

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ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (N)
 (2) NNI (N)

		Month		
		to	Nonrecurring	
	<u>USOC</u>	<u>Month</u>	<u>Charges</u>	
56 Kbps (BCOS : MS9X5)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 150.00	\$ 575.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	160.00	575.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	180.00	575.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	190.00	575.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	200.00	575.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	210.00	575.00	
64 Kbps (BCOS : MS9X6)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 150.00	\$ 575.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	160.00	575.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	180.00	575.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	190.00	575.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	200.00	575.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	210.00	575.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.
 Note 2: Meetpoint is over 20 to 50 miles outside Service Area.
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 Note 4: Meetpoint is over 75 to 100 miles outside Service Area.
 Note 5: Meetpoint is over 100 to 125 miles outside Service Area.
 Note 6: Meetpoint is over 125 miles outside Service Area.

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ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)
 (2) NNI (Cont'd) (N)

		Month		
		to	Nonrecurring	
	<u>USOC</u>	<u>Month</u>	<u>Charges</u>	
112 Kbps (BCOS : MS9XA)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 385.00	\$ 770.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	505.00	770.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	605.00	770.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	725.00	770.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	825.00	770.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	925.00	770.00	
128 Kbps (BCOS : MS9XB)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 385.00	\$ 770.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	505.00	770.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	605.00	770.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	725.00	770.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	825.00	770.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	925.00	770.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area. (N)
 Note 2: Meetpoint is over 20 to 50 miles outside Service Area. (N)
 Note 3: Meetpoint is over 50 to 75 miles outside Service Area. (N)
 Note 4: Meetpoint is over 75 to 100 miles outside Service Area. (N)
 Note 5: Meetpoint is over 100 to 125 miles outside Service Area. (N)
 Note 6: Meetpoint is over 125 miles outside Service Area. (N)

EFFECTIVE: MAY 1, 2002

ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)
 (2) NNI (Cont'd) (N)

	<u>USOC</u>	<u>Month</u> to <u>Month</u>	<u>Nonrecurring</u> <u>Charges</u>	(N)
192 Kbps (BCOS : MS9XC)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 450.00	\$ 770.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	570.00	770.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	670.00	770.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	790.00	770.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	890.00	770.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	990.00	770.00	
256 Kbps (BCOS : MS9XD)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 475.00	\$ 770.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	595.00	770.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	695.00	770.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	815.00	770.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	915.00	770.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	1015.00	770.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.
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 Note 6: Meetpoint is over 125 miles outside Service Area.

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ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)

(2) NNI (Cont'd) (N)

		Month		
		to	Nonrecurring	
	<u>USOC</u>	<u>Month</u>	<u>Charges</u>	
320 Kbps (BCOS : MS9XE)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 520.00	\$ 770.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	640.00	770.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	740.00	770.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	860.00	770.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	960.00	770.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	1060.00	770.00	
384 Kbps (BCOS : MS9XF)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 520.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	640.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	740.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	860.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	960.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	1060.00	835.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.
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 Note 6: Meetpoint is over 125 miles outside Service Area.

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ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)

(2) NNI (Cont'd) (N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>		
448 Kbps (BCOS : MS9XG)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 525.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	645.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	745.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	865.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	965.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	1065.00	835.00	
512 Kbps (BCOS : MS9XH)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 525.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	645.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	745.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	865.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	965.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	1065.00	835.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.
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 Note 6: Meetpoint is over 125 miles outside Service Area.

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EFFECTIVE: MAY 1, 2002

ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)

(2) NNI (Cont'd) (N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>		
576 Kbps (BCOS : MS9XJ)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 530.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	650.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	750.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	870.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	970.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	1070.00	835.00	
640 Kbps (BCOS : MS9XK)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 530.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	650.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	750.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	870.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	970.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	1070.00	835.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.
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EFFECTIVE: MAY 1, 2002

ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)
 (2) NNI (Cont'd) (N)

	<u>USOC</u>	Month to <u>Month</u>	<u>Nonrecurring</u> <u>Charges</u>	(N)
704 Kbps (BCOS : MS9XL)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 535.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	655.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	755.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	875.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	975.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	1075.00	835.00	
768 Kbps (BCOS : MS9XM)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 535.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	655.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	755.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	875.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	975.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	1075.00	835.00	

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EFFECTIVE: MAY 1, 2002

ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)
 (2) NNI (Cont'd) (N)

	<u>USOC</u>	<u>Month</u> to <u>Month</u>	<u>Nonrecurring</u> <u>Charges</u>	(N)
1024 Kbps (BCOS : MS9XN)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 539.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	659.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	759.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	879.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	979.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	1079.00	835.00	
1152 Kbps (BCOS : MS9X0)				(N)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 539.00	\$ 835.00	(N)
- MSFRS Meetpoint Extended Connection ²	1L5RN	659.00	835.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	759.00	835.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	879.00	835.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	979.00	835.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	1079.00	835.00	

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 Note 6: Meetpoint is over 125 miles outside Service Area.

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BELLSOUTH TELECOMMUNICATIONS, INC.
 BY: Operations Manager - Pricing
 29G57, 675 W. Peachtree St., N.E.
 Atlanta, Georgia 30375
 ISSUED: AUGUST 30, 2002

TARIFF F.C.C. NO. 1
 1ST REVISED PAGE 21-41.18
 CANCELS ORIGINAL PAGE 21-41.18

EFFECTIVE: AUGUST 31, 2002

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(B) MSFRS Meetpoint Extended Connections (Cont'd)
 (2) NNI (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	
1.536 Mbps (BCOS : MS9X1)				
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$ 695.00	\$ 825.00	
- MSFRS Meetpoint Extended Connection ²	1L5RN	815.00	825.00	
- MSFRS Meetpoint Extended Connection ³	1L5RN	915.00	825.00	
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	1035.00	825.00	
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	1135.00	825.00	
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	1235.00	825.00	
3 Mbps (BCOS : MS9XS)				
- MSFRS Meetpoint Extended Connection ¹	MS9PP	\$3725.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9PP	4600.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9PP	5310.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9PP	6025.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9PP	6395.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9PP	6600.00	\$ 1860.00	(N)

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 Note 6: Meetpoint is over 125 miles outside Service Area.

Certain material previously appearing on this page now appears on original page 21-41.24.

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ACCESS SERVICE (N)

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)
 (2) NNI (Cont'd) (N)

	USOC	Month to Month	Nonrecurring Charges	(N)
6 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9PQ	\$3800.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9PQ	4675.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9PQ	5385.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9PQ	6100.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9PQ	6470.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9PQ	6675.00	\$ 1860.00	(N)
9 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9PR	\$4000.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9PR	4875.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9PR	5585.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9PR	6300.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9PR	6670.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9PR	6875.00	\$ 1860.00	(N)

Note 1: Meetpoint is over 0 to 20 miles outside Service Area. (N)
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 Note 6: Meetpoint is over 125 miles outside Service Area. (N)

ACCESS SERVICE (N)

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)
 (2) NNI (Cont'd) (N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>		
12 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9PS	\$4200.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9PS	5075.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9PS	5785.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9PS	6500.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9PS	6870.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9PS	7075.00	\$ 1860.00	(N)
15 Mbps (BCOS : TBD)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9PT	\$4400.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9PT	5275.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9PT	5985.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9PT	6700.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9PT	7070.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9PT	7275.00	\$ 1860.00	(N)

Note 1: Meetpoint is over 0 to 20 miles outside Service Area. (N)
 Note 2: Meetpoint is over 20 to 50 miles outside Service Area. (N)
 Note 3: Meetpoint is over 50 to 75 miles outside Service Area. (N)
 Note 4: Meetpoint is over 75 to 100 miles outside Service Area. (N)
 Note 5: Meetpoint is over 100 to 125 miles outside Service Area. (N)
 Note 6: Meetpoint is over 125 miles outside Service Area. (N)

ACCESS SERVICE (N)

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)
 (2) NNI (Cont'd) (N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>		
18 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9PU	\$4600.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9PU	5475.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9PU	6185.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9PU	6900.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9PU	7270.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9PU	7475.00	\$ 1860.00	(N)
21 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9PV	\$4800.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9PV	5675.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9PV	6385.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9PV	7100.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9PV	7470.00	\$ 1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9PV	7675.00	\$ 1860.00	(N)

- Note 1: Meetpoint is over 0 to 20 miles outside Service Area. (N)
 Note 2: Meetpoint is over 20 to 50 miles outside Service Area. (N)
 Note 3: Meetpoint is over 50 to 75 miles outside Service Area. (N)
 Note 4: Meetpoint is over 75 to 100 miles outside Service Area. (N)
 Note 5: Meetpoint is over 100 to 125 miles outside Service Area. (N)
 Note 6: Meetpoint is over 125 miles outside Service Area. (N)

ACCESS SERVICE (N)

21 - Fast Packet Access Services (N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) MSFRS Meetpoint Extended Connections (Cont'd) (N)
 (2) NNI (Cont'd) (N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>	<u>Charges</u>	
24 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9PW	\$5000.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9PW	6075.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9PW	6585.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9PW	7300.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9PW	7670.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9PW	7875.00	\$1860.00	(N)
27 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9PX	\$5200.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9PX	6075.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9PX	6785.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9PX	7500.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9PX	7870.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9PX	8075.00	\$1860.00	(N)

- Note 1: Meetpoint is over 0 to 20 miles outside Service Area. (N)
 Note 2: Meetpoint is over 20 to 50 miles outside Service Area. (N)
 Note 3: Meetpoint is over 50 to 75 miles outside Service Area. (N)
 Note 4: Meetpoint is over 75 to 100 miles outside Service Area. (N)
 Note 5: Meetpoint is over 100 to 125 miles outside Service Area. (N)
 Note 6: Meetpoint is over 125 miles outside Service Area. (N)

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ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges (Cont'd)

(N)

(B) MSFRS Meetpoint Extended Connections (Cont'd)

(N)

(2) NNI (Cont'd)

(N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>		
30 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9PY	\$5400.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9PY	6275.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9PY	6985.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9PY	7700.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9PY	8070.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9PY	8275.00	\$1860.00	(N)
33 Mbps (BCOS : MS9XS)				(N)
- MSFRS Meetpoint Extended Connection ¹	MS9PZ	\$5600.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ²	MS9PZ	6475.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ³	MS9PZ	7185.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁴	MS9PZ	7900.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁵	MS9PZ	8270.00	\$1860.00	(N)
- MSFRS Meetpoint Extended Connection ⁶	MS9PZ	8475.00	\$1860.00	(N)

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.

(N)

Note 2: Meetpoint is over 20 to 50 miles outside Service Area.

(N)

Note 3: Meetpoint is over 50 to 75 miles outside Service Area.

(N)

Note 4: Meetpoint is over 75 to 100 miles outside Service Area.

(N)

Note 5: Meetpoint is over 100 to 125 miles outside Service Area.

(N)

Note 6: Meetpoint is over 125 miles outside Service Area.

(N)

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ACCESS SERVICE

(N)

21 - Fast Packet Access Services

(N)

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

(N)

21.4.10 Rates and Charges (Cont'd)

(N)

(B) MSFRS Meetpoint Extended Connections (Cont'd)

(N)

(2) NNI (Cont'd)

(N)

		Month		
		to	Nonrecurring	
	<u>USOC</u>	<u>Month</u>	<u>Charges</u>	
44.210 Mbps (BCOS : MS9X4)				(M)
- MSFRS Meetpoint Extended Connection ¹	1L5RN	\$6245.00	\$ 1860.00	(M)
- MSFRS Meetpoint Extended Connection ²	1L5RN	7120.00	1860.00	(M)
- MSFRS Meetpoint Extended Connection ³	1L5RN	7830.00	1860.00	(M)
- MSFRS Meetpoint Extended Connection ⁴	1L5RN	8545.00	1860.00	(M)
- MSFRS Meetpoint Extended Connection ⁵	1L5RN	8915.00	1860.00	(M)
- MSFRS Meetpoint Extended Connection ⁶	1L5RN	9120.00	1860.00	(M)

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.

(N)

Note 2: Meetpoint is over 20 to 50 miles outside Service Area.

(N)

Note 3: Meetpoint is over 50 to 75 miles outside Service Area.

(N)

Note 4: Meetpoint is over 75 to 100 miles outside Service Area.

(N)

Note 5: Meetpoint is over 100 to 125 miles outside Service Area.

(N)

Note 6: Meetpoint is over 125 miles outside Service Area.

(N)

Certain material appearing on this page previously appeared on original page 21-41.18.

(N)

(N)

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges (Cont'd)

(B) Optional Features

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>
(1) DLCI			
-Initial Standard DLCI ¹	XAFD1	None	None
-Additional Standard DLCI	XAFD2	\$ 1.50	\$ 70.00
-Initial Priority DLCI ^{1,2}	XAFP1	\$ 5.00	None
-Additional Priority DLCI ²	XAFP2	\$ 5.00	\$ 70.00
(2) Standard Committed Information Rate (CIR), Per DLCI to be mapped to another DLCI			
-0 Bps	XAFCA	None	None
-Over 0 thru 32 Kbps	XAFCB	\$ 6.30	None
-Over 32 thru 56 Kbps	XAFCC	10.80	None
-Over 56 thru 64 Kbps	XAFCD	11.70	None
-Over 64 thru 128 Kbps	XAFCE	16.20	None
-Over 128 thru 256 Kbps	XAFCH	21.60	None
-Over 256 thru 384 Kbps	XAFCK	25.20	None
-Over 384 thru 512 Kbps	XAFCL	28.80	None
-Over 512 thru 768 Kbps	XAFCL	32.40	None
-Over 768 Kbps thru 1.536 Mbps	XAFCL	41.25	None
-Over 1.536 thru 4 Mbps	XAFCP	130.00	None
-Over 4 thru 10 Mbps	XAFCP	325.00	None
-Over 10 thru 16 Mbps	XAFCP	525.00	None
-Over 16 thru 34 Mbps	XAFCT	1100.00	None
-Over 34 thru 44.210 Mbps	XAFCT	1500.00	None

(C)
(C)
(C)

Note 1: One "Initial" DLCI is applicable when DLCIs are ordered at the same time as the installation of the MSFRS Connection. Only one Initial DLCI (either one Initial Standard DLCI or one Initial Priority DLCI) is allowed per MSFRS Connection; all other DLCIs are considered Additional DLCIs.

Note 2: A Priority DLCI must have CIR with a value greater than 0.

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21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd) (N)

21.4.10 Rates and Charges (Cont'd) (N)

(B) Optional Features (Cont'd) (N)

		Month to Month	Nonrecurring Charges	(N)
	<u>USOC</u>			(N)
(3) Frame Relay to ATM Network Interworking Committed Information Rate (CIR), Per DLCI to be mapped to an ATM PVC Segment				(N)
-0 Bps	MS95A	\$.15	None	(N)
-Over 0 thru 32 Kbps	MS95B	6.90	None	(N)
-Over 32 thru 56 Kbps	MS95C	11.90	None	(N)
-Over 56 thru 64 Kbps	MS95D	12.90	None	(N)
-Over 64 thru 128 Kbps	MS95G	17.80	None	(N)
-Over 128 thru 256 Kbps	MS95H	23.80	None	(N)
-Over 256 thru 384 Kbps	MS95J	27.70	None	(N)
-Over 384 thru 512 Kbps	MS95K	31.70	None	(N)
-Over 512 thru 768 Kbps	MS95L	35.60	None	(N)
-Over 768 Kbps thru 1.536 Mbps	MS95M	45.40	None	(N)
-Over 1.536 thru 4 Mbps	MS95P	143.00	None	(N)
-Over 4 thru 10 Mbps	MS95Q	357.50	None	(N)
-Over 10 thru 16 Mbps	MS95R	577.50	None	(N)
-Over 16 thru 34 Mbps	MS95T	1,210.00	None	(N)
-Over 34 thru 44.210 Mbps	MS95U	1,650.00	None	(N)

BELLSOUTH TELECOMMUNICATIONS, INC.
 BY: Operations Manager - Pricing
 29G57, 675 W. Peachtree St., N.E.
 Atlanta, Georgia 30375
 ISSUED: OCTOBER 4, 2001

TARIFF F.C.C. NO. 1
 1ST REVISED PAGE 21-43
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EFFECTIVE: OCTOBER 5, 2001

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21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges(Cont'd)

(B) Optional Features (Cont'd)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	(T)
(4) Inter Service Area Link (ISAL) Committed Information Rate (CIR) (Per ISAL PVC, per end of link)				
-0 thru 32 Kbps	MS9CB	\$ 6.30	\$ 35.00	
-Over 32 thru 56 Kbps	MS9CC	10.80	35.00	
-Over 56 thru 64 Kbps	MS9CD	11.70	35.00	
-Over 64 thru 128 Kbps	MS9CG	16.20	35.00	
-Over 128 thru 256 Kbps	MS9CH	21.60	35.00	
-Over 256 thru 384 Kbps	MS9CJ	25.20	35.00	
-Over 384 thru 512 Kbps	MS9CK	28.80	35.00	
-Over 512 thru 768 Kbps	MS9CL	32.40	35.00	
-Over 768 Kbps thru 1.536 Mbps	MS9CM	41.25	35.00	
-Over 1.536 thru 4 Mbps	MS9CP	130.00	35.00	
-Over 4 thru 10 Mbps	MS9CQ	325.00	35.00	
-Over 10 thru 16 Mbps	MS9CR	525.00	35.00	
-Over 16 thru 34 Mbps	MS9CT	1,100.00	35.00	
-Over 34 thru 44.210 Mbps	MS9CU	1,500.00	35.00	

BELLSOUTH TELECOMMUNICATIONS, INC.
 BY: Operations Manager - Pricing
 29G57, 675 W. Peachtree St., N.E.
 Atlanta, Georgia 30375
 ISSUED: AUGUST 30, 2002

TARIFF F.C.C. NO. 1
 1ST REVISED PAGE 21-44
 CANCELS ORIGINAL PAGE 21-44

EFFECTIVE: AUGUST 31, 2002

ACCESS SERVICE

21 - Fast Packet Access Services

21.4 Managed Shared Frame Relay Service (MSFRS) (Cont'd)

21.4.10 Rates and Charges(Cont'd)

(C) Feature Change Charge

	<u>USOC</u>	<u>Month</u> to <u>Month</u>	<u>Nonrecurring</u> <u>Charges</u>
-Per Occurrence, Per Feature	XAFFC	None	\$ 50.00

(D) Transfer of Service

-Per Billing Account Number	XAFTF	None	65.00
-----------------------------	-------	------	-------

(E) Fast Speed Change Charge¹

-3 Mbps thru 33 Mbps	MS9F3	None	\$ 500.00	(N)
----------------------	-------	------	-----------	-----

Note 1: This nonrecurring charge applies per connection changed to either 1) another speed as defined above or 2) a 44.210 Mbps connection. Accordingly, the Fast Speed Change Charge applies in lieu of the Nonrecurring Charge specified in the MSFRS Connections and MSFRS Meetpoint Extended Connections sections of this tariff.

ACCESS SERVICE

21 - Fast Packet Access Services

(N)

21.5 Managed Shared ATM Service (MSATMS)

(N)

21.5.1 General Description

(N)

Managed Shared ATM Service (MSATMS) provides total premises to switch connectivity to BellSouth's ATM network through User-to-Network Interfaces (UNI) on the ATM switch. MSATMS is a connection oriented data service based on ATM cell-based switching technology. MSATMS allows for the interconnection of ATM compatible customer equipment by providing efficient throughput at high speeds of transmission. MSATMS provides the switching of symmetrical duplex transmission of fixed length ATM cells.

(N)
(N)
(N)
(N)
(N)
(N)
(N)

MSATMS is a service under which the customer assigns to the Telephone Company the responsibility for facility design, engineering and routing of ATM services in a MSATMS Service Area. A MSATMS Service Area is comprised of all the central offices in a geographic area (e.g., a large metropolitan area) as defined by the Telephone Company; these central offices are referred to as Service Area Points (SAP). The Telephone Company undertakes the responsibility to route the service from the customer's premises to the MSATMS network using whatever facilities and switch placement designs within the Service Area that would best deliver quality service. MSATMS facilities are stand-alone facilities and may not be provisioned over a customer's higher capacity Special Access facilities.

(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)

The rate structure for MSATMS is comprised of MSATMS Connections, PVC Features and Optional Features.

(N)
(N)

The primary MSATMS rate element is a MSATMS Connection. This rate element provides the transport from the customer premises to the MSATMS network. MSATMS Connections provide transport to the BellSouth ATM network using network interfaces on the ATM switch configured as User-to-Network Interfaces (UNI). The MSATMS Connection provides this standard network interface on the BellSouth ATM switch to receive the ATM cells into the switch and verify that the addressing and traffic parameters are valid before relaying the ATM cells to the specified destination. All ATM switches within the MSATMS Service Area are linked together to form the MSATMS network which is accessible through a MSATMS Connection. MSATMS Connections are offered at transmission speeds of 1.536 Mbps, 44.210 Mbps, 149.760 Mbps and 599.040 Mbps.

(N)
(N)

The appropriate rate for a MSATMS Connection is dependent upon the transmission speed requested and, unless specified otherwise herein this Section, whether or not the customer's serving wire center is in the MSFRS Service Area.

(N)
(N)
(N)

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21.5 Managed Shared ATM Service (MSATMS) (Cont'd) (N)

21.5.1 General Description (Cont'd) (N)

A MSATMS Connection is appropriate for a customer whose premises serving wire center is inside the MSATMS Service Area. The appropriate rate depends upon the transmission speed requested. (N)

Where a customer premises serving wire center is outside the MSATMS Service Area (but within the same LATA), a MSATMS Extended Connection (by transmission speed) is applicable based upon the mileage from the customer's serving wire center to the closest Service Area Point as designated by the Telephone Company (which is a central office inside the MSATMS Service Area). Six Extended Connections (by transmission speed) are available which reflect mileage bands outside the Service Area. These mileage bands are: Over 0 to 20 miles, over 20 to 50 miles, over 50 to 75 miles, over 75 to 100 miles, over 100 to 125 miles and over 125 miles. These bands represent the airline mileage from the customer's serving wire center to the closest Service Area Point. (N)

Information required to determine which Service Area is associated with a specific customer premises serving wire center and whether a specific customer premises serving wire center is inside a Service Area or requires a MSATMS Extended Connection is available from Appendix A of this tariff. If the serving wire center is outside a MSATMS Service Area, the V&H coordinates of the customer's serving wire center and the closest Service Area Point are utilized in calculating the airline mileage to determine the appropriate mileage band for the MSATMS Extended Connection. (N)

EFFECTIVE: MAY 23, 2000

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(N)

21.5 Managed Shared ATM Service (MSATMS) (Cont'd)

(N)

21.5.1 General Description (Cont'd)

(N)

As MSATMS is a connection oriented service, to transfer information a virtual connection must be set up between two ATM network interfaces on an ATM switch(s). MSATMS supports ATM traffic via permanent virtual connections (PVCs). PVCs are established via the service provisioning process.

(N)

(N)

(N)

(N)

For MSATMS, the logical path between a customer's premises and a network interface on the ATM switch is referred to as a PVC segment. The mapping together of two PVC segments through the ATM switch network creates a PVC. This PVC is a logical channel representing the path from one premises associated with a MSATMS network interface, through the MSATMS switch network, to a premises associated with a different network interface on an ATM switch.

(N)

(N)

(N)

(N)

(N)

(N)

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(N)

21.5 Managed Shared ATM Service (MSATMS) (Cont'd)

(N)

21.5.1 General Description (Cont'd)

(N)

The following provides additional information on the terms used to describe the attributes of MSATMS with respect to the PVC Feature Charges that apply for PVC traffic. Information is provided regarding PVC segment, PVC service categories, PVC traffic parameters and PVC segment bandwidth.

(N)
(N)
(N)
(N)

(A) PVC Segment

(N)

For MSATMS, the PVC segment defines the logical path between a customer's premises and the network interface on a MSATMS switch. A PVC segment must be provisioned by the Telephone Company via service order activity and remain in place until requested to be removed by the customer. For MSATMS, two PVC segments are mapped together through a MSATMS switch(s) to create a PVC representing a virtual channel through the MSATMS network.

(N)
(N)
(N)
(N)
(N)
(N)

(B) PVC Service Categories

(N)

PVC service categories are established to support the service requirements of various categories of customer applications for PVCs. Four PVC service categories are available. The customer must specify the desired service category for each PVC that is ordered. MSATMS supports the following types of PVC service categories:

(N)
(N)
(N)
(N)
(N)

(1) Constant Bit Rate (CBR): CBR allows for applications where a PVC requires special network timing requirements (i.e., strict PVC cell loss, cell delay and cell delay variation performance). For example, a CBR PVC would be utilized for applications requiring circuit emulation (i.e., a continuously operating logical channel) over MSATMS at transmission speeds comparable to DS1 and DS3. Such applications would include private line like service or voice type service where delays in transmission cannot be tolerated. The customer specifies the bandwidth required for each CBR PVC when it is ordered.

(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)

(2) Variable Bit Rate -Real Time (VBR-RT) allows for applications where a PVC requires low cell delay variation. For example, VBR-RT would be utilized for applications such as variable bit rate video compression and packet voice and video that are somewhat tolerant of delay. The customer specifies the bandwidth required for each VBR-RT PVC when it is ordered.

(N)
(N)
(N)
(N)
(N)
(N)

EFFECTIVE: MAY 23, 2000

ACCESS SERVICE

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21.5 Managed Shared ATM Service (MSATMS) (Cont'd)

21.5.1 General Description (Cont'd)

(B) PVC Service Categories (Cont'd)

(3) Variable Bit Rate - Non-Real Time (VBR-NRT): VBR-NRT allows for a PVC that can tolerate larger cell delay variations than VBR-RT. For example, VBR-NRT would be utilized for applications such as data file transfers. The customer specifies the bandwidth required for each VBR-NRT PVC when it is ordered.

(4) Unspecified Bit Rate (UBR): UBR allows for a PVC where the user does not require one of the PVC service categories described in (1) through (3) preceding. For example, UBR would be utilized where the customer seeks a low cost method of transporting bursty data for non-critical applications that can tolerate delay variations. The Telephone Company will attempt to deliver all ATM cells received via UBR PVCs; however, network congestion will result in loss of ATM cells.

(C) PVC Traffic Parameters

In accordance with the technical specifications for MSATMS set forth in the technical publications referenced herein Section 21.3.3, each non-UBR type PVC has a set of traffic parameters to describe the characteristics of the information being transmitted. Fixed values for these traffic parameters are derived from the PVC bandwidth specified by the customer for each PVC. These parameters are:

(1) Peak Cell Rate (PCR): The PCR, in cells/second, is an upper bound on the source traffic that can be submitted on a BellSouth XAATMS network interface. PCR is a traffic parameter considered for both CBR and VBR service categories.

PCR is the only traffic parameter considered for a CBR PVC; the equivalent bandwidth per CBR PVC equals the PCR, in cells/second, times 0.000424.

PCR is one of three traffic parameters considered for a VBR PVC. For a VBR-RT PVC, PCR is 200% of the SCR described following. For VBR-NRT, PCR is 400% of the SCR described following.

(2) Sustainable Cell Rate (SCR): The SCR, in cells/second, is an upper bound on the conforming average cell rate of a BellSouth XAATMS network interface over time.

SCR is a traffic parameter considered only for a VBR PVC. The equivalent bandwidth per VBR-RT PVC is equal to the SCR, in cells/second, times 0.000512. The bandwidth per VBR-NRT PVC is equal to the SCR, in cells/second, times 0.000804.

(3) Maximum Burst Size (MBS): MBS is the maximum number of consecutive cells that may be transmitted at the peak cell rate.

MBS is a traffic parameter considered only for a VBR PVC. For a VBR-RT PVC, the MBS is fixed at 32 cells. For a VBR-NRT PVC, the MBS is fixed at 100 cells.

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21.5 Managed Shared ATM Service (MSATMS) (Cont'd)

21.5.1 General Description (Cont'd)

(D) PVC Segment Bandwidth

A PVC Segment Bandwidth Charge is applicable for each CBR or VBR PVC segment. Such non-UBR PVC equivalent bandwidth represents the MSATMS network resources based on the PVC's traffic parameters. The PVC Segment Bandwidth Charge is derived by multiplying the PVC segment's equivalent bandwidth (calculation following) by the appropriate PVC Segment Bandwidth Charge (expressed in megabits or increments of 64 Kbps as described following).

The following calculations are applicable for determining non-UBR PVC segment bandwidth based upon the PVC category of service.

- (1) CBR equivalent bandwidth is equal to the PCR (cells/sec) times 0.000424. PCR is equal to increments of 64 Kbps of equivalent bandwidth times 150.943, or megabits of equivalent bandwidth times 2358.491. (T)
(T)
- (2) VBR-RT equivalent bandwidth is equal to the SCR (cells/sec) times 0.000512. For VBR-RT, service, the PCR is fixed at 200% of the SCR and the MBS is fixed at 32 cells. SCR is equal to increments of 64 Kbps of equivalent bandwidth times 125.000, or megabits of equivalent bandwidth times 1953.125. (T)
(T)
- (3) VBR-NRT equivalent bandwidth is equal to the SCR (cells/sec) times 0.000804. For VBR-NRT service, the PCR is fixed at 400% of the SCR (unless specified otherwise by the customer) and the MBS is fixed at 100 cells. SCR is equal to increments of 64 Kbps of equivalent bandwidth times 79.602, or megabits of equivalent bandwidth times 1243.781. VBR-NRT equivalent bandwidth, where the PCR to SCR ratio is specified by the customer, is determined using the formula in Section 1.3.4 of BellSouth Technical Reference 73585. (T)
(T)
(T)
(T)

Where the result from the PVC segment equivalent bandwidth calculation is greater than 1.536 Mbps, the value is expressed in units of megabits and (if a fraction of a megabit) is rounded up to the next whole megabit. This bandwidth is multiplied by the Per Megabit Bandwidth Charge.

Where the result from the PVC segment equivalent bandwidth calculation is less than or equal to 1.536 Mbps, that number should be divided by .064 Mbps to arrive at a quantity of 64 Kbps increments. If the resulting number is not a whole number, it is rounded up to the next whole number and represents the number of 64 Kbps increments that should be utilized in the derivation of the PVC Segment Bandwidth Charge. This bandwidth is multiplied by the Per Increment of 64 Kbps Bandwidth Charge.

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21 - Fast Packet Access Services (N)

21.5 Managed Shared ATM Service (MSATMS) (Cont'd) (N)

21.5.1 General Description (Cont'd) (N)

(D) PVC Segment Bandwidth (Cont'd) (N)

The following table illustrates the PVC segment equivalent bandwidth calculation for each non-UBR type PVC with 1 megabit of bandwidth. (N)

PVC Service Category	Equivalent Bandwidth	Traffic Parameters		
		Peak Cell Rate (Cells/Sec)	Sustainable Cell Rate (Cells/Sec)	Maximum Burst Size (Cells)
CBR	1 Megabit	2358	N/A	N/A
VBR-RT	1 Megabit	3906	1953	32
VBR-NRT	1 Megabit	4975	1244	100

In LATAs where there are multiple MSATMS Service Areas, the customer may utilize a MSATMS Inter Service Area Link to have connectivity on a per PVC basis between MSATMS Connections in each Service Area. The inter service area portion of such a PVC is provisioned over a facility provided by the Telephone Company which allows customers to share bandwidth on these facilities that connect the two MSATMS Service Areas. This Optional Feature is called an Inter Service Area Link. Information provided in Appendix A of this tariff may be used to determine if two MSATMS Connections (based upon their associated customer premises serving wire centers) are in two different Service Areas within the same LATA, and therefore, require an Inter Service Area Link. (N)

21.5.2 Service Description (N)

(A) Installation of Service (N)

Nonrecurring charges apply to each MSATMS Connection installed. (N)

Nonrecurring charges for the MSATMS Connection elements are set forth in 21.5.10(A) following. (N)

(B) Installation of Features (N)

Nonrecurring charges apply to each PVC segment by PVC service category as set forth in 21.5.10(B) following under PVC Features. Nonrecurring charges apply to Optional Features as set forth in 21.5.10(C) following. (N)

(C) Service Rearrangements (N)

Service rearrangements are changes to existing (installed) services which do not result in a change in the minimum period requirements as set forth in 5.6(E) preceding. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. A change which results from a transfer of service is described and charged as set forth in (D) and 21.5.10(E) following. (N)

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21 - Fast Packet Access Services

21.5 Managed Shared ATM Service (MSATMS) _ (Cont'd)

21.5.2 Service Description (Cont'd)

(D) Transfer of Service

When a change in billing data (e.g., name, address, contract name, or telephone number) is requested in association with a change in the customer's record, transfer of service charges, as set forth in 21.5.10(E) following will apply. Charges are applied on a per Billing Account Number (BAN).

(E) Maintenance

In order to maintain the quality of MSATMS, the Telephone Company reserves the right to perform preventive maintenance and software updates to the network. This could result in MSATMS being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on the specific days as set forth by state in the following chart. The Telephone Company only expects to utilize this maintenance window for any given switch on the average of once a quarter. However, the Telephone Company reserves the right to perform maintenance at any time at its discretion that it believes such maintenance is necessary. The Telephone Company will make a reasonable effort to provide notice to those customers likely to be affected by such maintenance work. (C)

<u>State</u>	<u>Scheduled Maintenance Days</u>	(N)
Alabama	Sunday and Monday	(N)
Florida	Sunday and Wednesday	(N)
Georgia	Sunday and Friday	(N)
Kentucky	Sunday and Monday	(N)
Louisiana	Sunday and Tuesday	(N)
Mississippi	Sunday and Tuesday	(N)
North Carolina	Sunday and Saturday	(N)
South Carolina	Sunday and Saturday	(N)
Tennessee	Sunday and Thursday	(N)

21.5.3 Technical Specifications

MSATMS services installed after the effective date of this tariff will conform to the service specifications and standards for MSATMS set forth in the following references:

- BellSouth Technical Reference 73585, "Asynchronous Transfer Mode (ATM) Network Interface and Performance Specifications".

The specifications set forth in BellSouth TR 73585 are in conformance with the following national standards for ATM services:

- ATM Forum documents, "ATM User-Network Interface Specification" (Versions 3.0 and 3.1).

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21 - Fast Packet Access Services

21.5 Managed Shared ATM Service (MSATMS) (Cont'd)

21.5.8 Rate Regulations (Cont'd)

MSATMS is available for use with the Fast Packet Savings Plan subject to the regulations specified in 2.4.8. (F) preceding.

21.5.9 Rate Categories

(M)

The following rate categories apply to MSATMS:

(A) MSATMS Connections

(M)

This rate category provides for the transport from the customer's premises to the MSATMS network. This rate category includes the MSATMS switching function and the connectivity of all MSATMS switches within a MSATMS Service Area. A nonrecurring charge and monthly rate applies per MSATMS Connection.

(M)

(M)

(M)

(M)

(M)

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21 - Fast Packet Access Services

21.5 Managed Shared ATM Service (MSATMS) (Cont'd)

21.5.9 Rate Categories (Cont'd)

(A) MSATMS Connections (Cont'd)

When a MSATMS customer moves (physically changes to another premises), the MSATMS Connection associated with the former location shall be disconnected and the service at the new location shall be considered as a new installation; nonrecurring charges shall apply for the installation of service at the new location.

A MSATMS customer request to change an existing MSATMS Connection to a different transmission speed shall be considered as a request for the disconnect of the existing service and a new installation of the different speed MSATMS Connection. Nonrecurring charges shall apply for the different speed MSATMS Connection.

A MSATMS customer request to change an existing MSATMS Connection to a Managed Shared Frame Relay Service Connection (MSFRS) will be treated as a request for the disconnect of the MSATMS and a new installation of the MSFRS.

(B) MSATMS Meetpoint Extended Connections

(N)

MSATMS Meetpoint Extended Connections represents that portion of the MSPS service provided within BellSouth Territory (inclusive of a port on the switch, network serving area transport, and transport within BellSouth Territory outside the network serving area to the Independent Telephone Company meetpoint).

(N)
(N)
(N)
(N)
(N)

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21 - Fast Packet Access Services (N)

21.5 Managed Shared ATM Service (MSATMS) (Cont'd) (N)

21.5.9 Rate Categories (Cont'd) (N)

(B) PVC Features (N)

The PVC Features rate category provides for the ordering and provisioning of PVCs in association with a MSATMS Connection. (N)

The rates for PVC Features may vary by PVC service category and are listed in Section 21.5.10 by applicable PVC service category. (N)

(1) PVC Segment Charge - A PVC Segment Charge applies for each PVC segment established over a network interface. A PVC Segment Charge applies under all PVC service categories. (N)

(2) PVC Segment Bandwidth Charge - A PVC Segment Bandwidth Charge is required per PVC segment established under the CBR or VBR PVC service category (but is not applicable to UBR PVCs). PVC bandwidth represents MSATMS network resources required for the non-UBR PVC and is based on the non-UBR PVC's traffic parameters (i.e., PCR, SCR, and MBS). The total charge for this rate element per segment is determined by multiplying the non-UBR PVC segment bandwidth by the PVC Segment Bandwidth Charge, either Per Megabit or Per Increment of 64 Kbps (as appropriate per Section 21.5.1(D)). (N)

(3) UBR Service Activation Charge - A UBR Service Activation is applicable for each MSATMS Connection over which UBR PVC(s) will traverse. One charge is applicable per MSATMS Connection regardless of how many UBR PVC's will traverse that MSATMS Connection. (N)

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21 - Fast Packet Access Services

21.5 Managed Shared ATM Service (MSATMS) (Cont'd)

21.5.9 Rate Categories (Cont'd)

(C) Optional Features

(1) Inter Service Area Link (ISAL)

The Telephone Company may establish facilities between MSATMS switching equipment in different Service Areas in the same LATA and may allow customers to share bandwidth on these facilities. Where these shared facilities are available to customers, an Inter Service Area Link is an Optional Feature that allows the customer to establish a PVC link between MSATMS Connections in the two different Service Areas.

The customer must request an Inter Service Area Link that provides the extension of a PVC between two Service Areas. Each link has an associated bandwidth that must match the bandwidth of the PVC Segments associated with the PVC. One end-to-end PVC exists between both customer premises through an Inter Service Area Link.

The appropriate rates and charges for the Inter Service Area Link are the ISAL Per PVC and ISAL PVC Bandwidth Charges from 21.5.10(C); these charges are applied per end of link. A nonrecurring charge (the ISAL Per PVC Charge) and a monthly rate (the ISAL PVC Bandwidth Charges) applies for each end of the Inter Service Area Link. These ISAL charges are in addition to the associated PVC Segment and PVC Segment Bandwidth charges from 21.5.10(B) that are applicable for the portions of this PVC in each service Area.

(D) Feature Change Charge

A Feature Change Charge applies for a customer request to change an existing MSATMS Feature from Section 21.5.10(B) or (C) for which there is no nonrecurring charge. (Examples: A Feature Change Charge applies when a customer requests a change in the PVC segment bandwidth required on an existing non-UBR PVC. A Feature Change Charge applies when a customer requests that UBR Service Activation be added to an existing MSATMS Connection which currently is not activated to carry UBR PVCs if the request does not also include an order for a UBR ATM PVC Segment which carries a nonrecurring charge. A customer request to change the service category of an existing CBR PVC to a VBR-RT PVC would not involve a Feature Change Charge but would be treated as a disconnect of the CBR PVC and a new request for a VBR-RT PVC for which there is a nonrecurring charge.)

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21.5 Managed Shared ATM Service (MSATMS) (Cont'd)

21.5.9 Rate Categories (Cont'd)

(C) Feature Change Charge (Cont'd)

Only one Feature Change Charge applies per customer request that involves changes to multiple existing PVC's of the same PVC service category that are provisioned out of the same MSATMS switch. (For example, one Feature Change Charge would apply per customer request to change the PVC segment bandwidth associated with two existing CBR PVCs provisioned out of the same MSATMS switch.)

A Feature Change Charge applies in lieu of standard MSATMS nonrecurring charges for a customer request where no physical work is required to convert the customer's existing service to MSATMS from Exchange Access ATM Service and Special Access; standard MSATMS nonrecurring charges apply for such requests when any physical work is required. (N)
(N)
(N)
(N)
(N)

(D) Transfer of Service

When a change to the customer of record is requested, transfer of service charges, as set forth in 21.5.10(E) following will apply. Charges are applied per Billing Account Number (BAN).

Administrative changes, as identified below, will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for Access Service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name -- e.g., AT&T-Long Lines to AT&T-Long Lines to AT&T-Communications),
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data (name, address, or contract name or telephone number. The customer of record does not change),
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name of telephone number, and
- Change of jurisdiction.

All other service arrangements, including physical changes to existing services, will be charged as follows:

- If the change involves the addition of an optional feature that has a separate nonrecurring charge, that nonrecurring charge will apply.

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21 - Fast Packet Access Services

21.5 Managed Shared ATM Service (MSATMS) (Cont'd)

21.5.9 Rate Categories (Cont'd)

The following provides an illustrative customer configuration to depict the application of the MSATMS rate categories.

A customer has three premises within a single LATA between which he needs to transmit data. Within this particular LATA there are two MSATMS Service Areas. Premises A and B are provisioned from Service Area 1; Premises C is provisioned from Service Area 2. Premises A requires a 149.760 Mbps UNI MSATMS Connection because its serving wire center is a SAP in Service Area 1. Premises B requires a 44.210 Mbps MSATMS UNI Extended Connection (Over 0 to 20 miles) because its serving wire center is outside the Service Area, 15 miles from the closest MSATMS Service Area Point. Premises C requires a 1.536 Mbps UNI MSATMS Connection because its serving wire center is a SAP in Service Area 2.

The customer would like to establish three PVCs. "PVC I" is a 4 Mbps VBT-RT PVC from Premises A to Premises B. "PVC II" is a UBR PVC from Premises A to Premises C. "PVC 3" is a 256 Kbps CBR PVC from Premises A to Premises C. The following rate elements shown by premises would be applicable for this service configuration:

	<u>Premises A</u>	<u>Premises B</u>	<u>Premises C</u>	
MSATMS Connection:	149.760 Mbps UNI 149.760 Mbps UBR Svc Activation	44.210 Mbps UNI	1.536 Mbps UNI 1.536 Mbps UBR Svc Activation	(C)
-PVC I:	VBR-RT PVC Segment 4 Mbps PVC Bdwth	VBR-RT PVC Segment 4 Mbps PVC Bdwth		
-PVC II:	UBR PVC Segment UBR ISAL Per PVC UBR ISAL Bdwth		UBR PVC Segment UBR ISAL Per PVC UBR ISAL Bdwth	
-PVC III:	CBR PVC Segment 256 Kbps CBR Bdwth CBR ISAL Per PVC (NRC) 256 Kbps CBR ISAL Bdwth		CBR PVC Segment 256 Kbps CBR Bdwth CBR ISAL Per PVC (NRC) 256 Kbps CBR ISAL Bdwth	

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21 - Fast Packet Access Services (N)

21.5 Managed Shared ATM Service (MSATMS) (Cont'd) (N)

21.5.10 Rates and Charges (N)

(A) MSATMS Connections (N)

(1) UNI (N)

		Month to Month	Nonrecurring Charges	(N)
	<u>USOC</u>			(N)
1.536 Mbps (BCOS : MS5X1) (N)				
- MSATMS Connection	MS5TU	\$ 705.00	\$ 1,060.00	(N)
- MSATMS Extended Connection ¹	1L5QE	865.00	1,180.00	(N)
- MSATMS Extended Connection ²	1L5QE	985.00	1,180.00	(N)
- MSATMS Extended Connection ³	1L5QE	1,085.00	1,180.00	(N)
- MSATMS Extended Connection ⁴	1L5QE	1,205.00	1,180.00	(N)
- MSATMS Extended Connection ⁵	1L5QE	1,305.00	1,180.00	(N)
- MSATMS Extended Connection ⁶	1L5QE	1,405.00	1,180.00	(N)
44.210 Mbps (BCOS : MS5X4) (N)				
- MSATMS Connection	MS5TU	5,000.00	2,225.00	(N)
- MSATMS Extended Connection ¹	1L5QE	6,725.00	2,575.00	(N)
- MSATMS Extended Connection ²	1L5QE	7,600.00	2,575.00	(N)
- MSATMS Extended Connection ³	1L5QE	8,310.00	2,575.00	(N)
- MSATMS Extended Connection ⁴	1L5QE	9,025.00	2,575.00	(N)
- MSATMS Extended Connection ⁵	1L5QE	9,395.00	2,575.00	(N)
- MSATMS Extended Connection ⁶	1L5QE	9,600.00	2,575.00	(N)

- Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)
 Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)
 Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)
 Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)
 Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)
 Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

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21 - Fast Packet Access Services (N)

21.5 Managed Shared ATM Service (MSATMS) (Cont'd) (N)

21.5.10 Rates and Charges (Cont'd) (N)

(A) MSATMS Connections (Cont'd) (N)

(1) UNI (Cont'd) (N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>		(N)
149.760 Mbps (BCOS : MS5X7)				(N)
- MSATMS Connection	MS5TU	\$ 8,830.00	\$ 3,975.00	(N)
- MSATMS Extended Connection ¹	1L5QE	13,830.00	4,725.00	(N)
- MSATMS Extended Connection ²	1L5QE	15,615.00	4,725.00	(N)
- MSATMS Extended Connection ³	1L5QE	16,765.00	4,725.00	(N)
- MSATMS Extended Connection ⁴	1L5QE	17,970.00	4,725.00	(N)
- MSATMS Extended Connection ⁵	1L5QE	18,720.00	4,725.00	(N)
- MSATMS Extended Connection ⁶	1L5QE	22,055.00	4,725.00	(N)
599.040 Mbps (BCOS : MS5X9)				(N)
- MSATMS Connection	MS5TU	20,675.00	8,350.00	(N)
- MSATMS Extended Connection ¹	1L5QE	33,180.00	9,850.00	(N)
- MSATMS Extended Connection ²	1L5QE	35,565.00	9,850.00	(N)
- MSATMS Extended Connection ³	1L5QE	37,750.00	9,850.00	(N)
- MSATMS Extended Connection ⁴	1L5QE	39,965.00	9,850.00	(N)
- MSATMS Extended Connection ⁵	1L5QE	42,205.00	9,850.00	(N)
- MSATMS Extended Connection ⁶	1L5QE	51,320.00	9,850.00	(N)

Note 1: Customer Premises SWC is over 0 to 20 miles outside Service Area. (N)

Note 2: Customer Premises SWC is over 20 to 50 miles outside Service Area. (N)

Note 3: Customer Premises SWC is over 50 to 75 miles outside Service Area. (N)

Note 4: Customer Premises SWC is over 75 to 100 miles outside Service Area. (N)

Note 5: Customer Premises SWC is over 100 to 125 miles outside Service Area. (N)

Note 6: Customer Premises SWC is over 125 miles outside Service Area. (N)

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ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.5 Managed Shared ATM Service (MSATMS) (Cont'd) (N)

21.5.10 Rates and Charges (Cont'd) (N)

(B) MSATMS Meetpoint Extended Connections (N)

(1) UNI (N)

	<u>USOC</u>	<u>Month to Month</u>	<u>Nonrecurring Charges</u>	(N)
1.536 Mbps (BCOS : MS5X1)				(N)
- MSATMS Meetpoint Extended Connection ¹	1L5QJ	\$ 835.00	\$ 905.00	(N)
- MSATMS Meetpoint Extended Connection ²	1L5QJ	955.00	905.00	
- MSATMS Meetpoint Extended Connection ³	1L5QJ	1055.00	905.00	
- MSATMS Meetpoint Extended Connection ⁴	1L5QJ	1175.00	905.00	
- MSATMS Meetpoint Extended Connection ⁵	1L5QJ	1275.00	905.00	
- MSATMS Meetpoint Extended Connection ⁶	1L5QJ	1375.00	905.00	
44.210 Mbps (BCOS : MS5X4)				(N)
- MSATMS Meetpoint Extended Connection ¹	1L5QJ	\$6245.00	\$ 1860.00	(N)
- MSATMS Meetpoint Extended Connection ²	1L5QJ	7120.00	1860.00	
- MSATMS Meetpoint Extended Connection ³	1L5QJ	7830.00	1860.00	
- MSATMS Meetpoint Extended Connection ⁴	1L5QJ	8545.00	1860.00	
- MSATMS Meetpoint Extended Connection ⁵	1L5QJ	8915.00	1860.00	
- MSATMS Meetpoint Extended Connection ⁶	1L5QJ	9120.00	1860.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.
 Note 2: Meetpoint is over 20 to 50 miles outside Service Area.
 Note 3: Meetpoint is over 50 to 75 miles outside Service Area.
 Note 4: Meetpoint is over 75 to 100 miles outside Service Area.
 Note 5: Meetpoint is over 100 to 125 miles outside Service Area.
 Note 6: Meetpoint is over 125 miles outside Service Area.

(N)
 (N)
 (N)
 (N)
 (N)

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21 - Fast Packet Access Services (N)

21.5 Managed Shared ATM Service (MSATMS) (Cont'd) (N)

21.5.10 Rates and Charges (Cont'd) (N)

(B) MSATMS Meetpoint Extended Connections (Cont'd) (N)

(1) UNI (Cont'd) (N)

		Month	Nonrecurring	(N)
		to	Charges	(N)
	<u>USOC</u>	<u>Month</u>	<u>Charges</u>	(N)
149.760 Mbps (BCOS : MS5X7)				(N)
- MSATMS Meetpoint Extended Connection ¹	1L5QJ	\$12928.00	\$ 3490.00	(N)
- MSATMS Meetpoint Extended Connection ²	1L5QJ	14713.00	3490.00	
- MSATMS Meetpoint Extended Connection ³	1L5QJ	15863.00	3490.00	
- MSATMS Meetpoint Extended Connection ⁴	1L5QJ	17068.00	3490.00	
- MSATMS Meetpoint Extended Connection ⁵	1L5QJ	17818.00	3490.00	
- MSATMS Meetpoint Extended Connection ⁶	1L5QJ	21153.00	3490.00	
599.040 Mbps (BCOS : MS5X9)				(N)
- MSATMS Meetpoint Extended Connection ¹	1L5QJ	\$31743.00	\$ 8415.00	(N)
- MSATMS Meetpoint Extended Connection ²	1L5QJ	34128.00	8415.00	
- MSATMS Meetpoint Extended Connection ³	1L5QJ	36313.00	8415.00	
- MSATMS Meetpoint Extended Connection ⁴	1L5QJ	38528.00	8415.00	
- MSATMS Meetpoint Extended Connection ⁵	1L5QJ	40768.00	8415.00	
- MSATMS Meetpoint Extended Connection ⁶	1L5QJ	49883.00	8415.00	

Note 1: Meetpoint is over 0 to 20 miles outside Service Area.
 Note 2: Meetpoint is over 20 to 50 miles outside Service Area.
 Note 3: Meetpoint is over 50 to 75 miles outside Service Area.
 Note 4: Meetpoint is over 75 to 100 miles outside Service Area.
 Note 5: Meetpoint is over 100 to 125 miles outside Service Area.
 Note 6: Meetpoint is over 125 miles outside Service Area.

(N)
 (N)
 (N)
 (N)
 (N)

ACCESS SERVICE

21 - Fast Packet Access Services (N)

21.5 Managed Shared ATM Service (MSATMS) (Cont'd) (N)

21.5.10 Rates and Charges (Cont'd) (N)

(B) PVC Features for MSATMS Service (N)

		Month	Nonrecurring	
		to	Charges	
	<u>USOC</u>	<u>Month</u>	<u>Charges</u>	
(1) CBR PVC Service Category				(N)
-PVC Segment Charge (Per Segment), plus	XAACS	\$ 5.00	\$ 70.00	(N)
-Bandwidth Charge (Per Segment)				(N)
-Per Megabit, or	XAACM	25.00	None	(N)
-Per Increment of 64 Kbps	XAACK	1.60	None	(N)
(2) VBR-RT PVC Service Category				(N)
-PVC Segment Charge (Per Segment), plus	XAAVS	5.00	70.00	(N)
-Bandwidth Charge (Per Segment)				(N)
-Per Megabit, or	XAAVM	25.00	None	(N)
-Per Increment of 64 Kbps	XAAVK	1.60	None	(N)
(3) VBR-NRT PVC Service Category				(N)
-PVC Segment Charge (Per Segment), plus	XAANS	5.00	70.00	(N)
-Bandwidth Charge (Per Segment)				(N)
-Per Megabit, or	XAANM	25.00	None	(N)
-Per Increment of 64 Kbps	XAANK	1.60	None	(N)
(4) UBR PVC Service Category				(N)
-PVC Segment Charge (Per Segment), plus	XAAUS	5.00	70.00	(N)
-UBR Service Activation Charge				(N)
-Per 1.536 Mbps MSATMS Connection	XAAA1	10.00	None	(N)
-Per 44.210 Mbps MSATMS Connection	XAAA4	250.00	None	(N)
-Per 149.760 Mbps MSATMS Connection	XAAA7	750.00	None	(N)
-Per 599.040 Mbps MSATMS Connection	XAAA9	3,000.00	None	(N)

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ACCESS SERVICE

21 - Fast Packet Access Services				(N)
21.5 <u>Managed Shared ATM Service (MSATMS)</u> (Cont'd)				(N)
21.5.10 <u>Rates and Charges</u> (Cont'd)				(N)
(C) Optional Features				(N)
(1) MSATMS Inter Service Area Link (ISAL)				(N)
		Month	Nonrecurring	(N)
		to	Charges	(N)
	<u>USOC</u>	<u>Month</u>		(N)
- Per PVC, Per End of Link, plus	MS5LE	None	\$ 35.00	(N)
CBR PVC Service Category				(N)
ISAL Bandwidth Charge				(N)
-Per Megabit, or	MS5CM	\$ 25.00	None	(N)
-Per Increment of 64 Kbps	MS5CK	1.60	None	(N)
VBR-RT PVC Service Category				(N)
ISAL Bandwidth Charge				(N)
-Per Megabit, or	MS5VM	\$ 25.00	None	(N)
-Per Increment of 64 Kbps	MS5VK	1.60	None	(N)
VBR-NRT PVC Service Category				(N)
ISAL Bandwidth Charge				(N)
-Per Megabit, or	MS5NM	\$ 25.00	None	(N)
-Per Increment of 64 Kbps	MS5NK	1.60	None	(N)
UBR PVC Service Category				(N)
-UBR PVC ISAL Bandwidth Charge	MS5AE	\$ 25.00	None	(N)

BELLSOUTH TELECOMMUNICATIONS, INC.
 BY: Operations Manager - Pricing
 29G57, 675 W. Peachtree St., N.E.
 Atlanta, Georgia 30375
 ISSUED: MAY 22, 2000

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EFFECTIVE: MAY 23, 2000

ACCESS SERVICE

21 - Fast Packet Access Services				(N)
21.5 <u>Managed Shared ATM Service (MSATMS)</u> (Cont'd)				(N)
21.5.10 <u>Rates and Charges</u> (Cont'd)				(N)
(D) Feature Change Charge				(N)
		Month	Nonrecurring	(N)
		to	Charges	(N)
	<u>USOC</u>	<u>Month</u>		(N)
-Per Occurrence, Per Feature	XAAFC	None	\$ 75.00	(N)
(E) Transfer of Service				(N)
-Per Billing Account Number	XAATF	None	\$ 75.00	(N)

BELLSOUTH TELECOMMUNICATIONS, INC.
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ISSUED: AUGUST 31, 1995

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CANCELS ORIGINAL PAGE 22-1

EFFECTIVE: SEPTEMBER 3, 1995

ACCESS SERVICE

22 -

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(x) Material moved to Section 12.5 under authority of Special Permission No. 95-1146.

BELLSOUTH TELECOMMUNICATIONS, INC.
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29G57, 675 W. Peachtree St., N.E.
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TARIFF F.C.C. NO. 1
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CANCELS ORIGINAL PAGE 22-18

EFFECTIVE: SEPTEMBER 3, 1995

ACCESS SERVICE

22 -

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(x) Material moved to Section 12.5 under authority of Special Permission
No. 95-1146.

BELLSOUTH TELECOMMUNICATIONS, INC.
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EFFECTIVE: SEPTEMBER 3, 1995

ACCESS SERVICE

22 -

(x)
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(x) Material moved to Section 12.5 under authority of Special Permission
No. 95-1146.

BELLSOUTH TELECOMMUNICATIONS, INC.
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EFFECTIVE: SEPTEMBER 3, 1995

ACCESS SERVICE

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(x) Material moved to Section 12.5 under authority of Special Permission
No. 95-1146.
