

DSCI Maine Service Description Schedule

The links set forth below will direct you to descriptive information concerning DSCI's telecommunications service offerings in the State of Maine. This information was previously available to consumers through DSCI's Intrastate Telecommunications Services Tariff for the State of Maine.

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Municipal Calling Service

2.2.5 Municipal Calling Service

- A. Municipal calling is an arrangement provided on a non-optional basis to municipalities served by more than one exchange or locality where economy service local usage charges or MTS charges would normally apply to calls between the exchanges or localities serving the same municipality. Dial station-to-station service and economy service local usage charges within a municipality are not chargeable as MTS or local usage except for calls made to or from foreign exchange lines unless dial tone for the foreign exchange line is provided from a central office service some portion of the municipality in which the foreign exchange line service address is located.
- B. Municipalities, serving exchanges and/or localities where municipal calling applies for Company exchanges and localities are shown in Exhibit 2.2.5-A.

Exhibit 2.2.5-A Municipal Calling Service Municipalities and Serving Exchanges and Localities	
Municipalities	Serving Exchanges and/or Localities or Portions Thereof
Action	Acton Locality Lebanon
Alfred	Sanford Westboro (IC)
Alna	North Whitefield Richmond Sheepscot (IC) Wiscasset
Andover	Andover (IC) Roxbury Pond (IC) Rumford
Atkinson	Bradford Dover-Foxcroft
Auburn	Lewiston New Gloucester (IC)
Baldwin	Cornish Sebago (IC) Steep Falls (IC)
Belgrade	Belgrade Oakland Rome (IC)
Bowdoin	Bowdoinham Richmond Lisbon Falls Litchfield (IC)
Bradley	Eddington Old Town

Effective Date: _____

	Orono
Brooksville	Castine Sedgwick
Bucksport	Bucksport Eddington Orrington
Burlington	Lincoln West Enfield (IC)
Burnham	Clinton Pittsfield Unity (IC)
Buxton	Bar Mills (IC) Gorham Standish (IC)
Byron	Andover (IC) Roxbury (IC) Rumford
Canaan	Clinton Hartland (IC) Skowhegan
Canton	Canton (IC) Livermore Falls
Carmel	Hermon Levant (IC)
Carthage	Dixfield Wilton
Charleston	Corinth Dexter
Charlotte	Calais Pembroke
Chesterville	Farmington Livermore Falls Mt. Vernon (IC) Wilton
China	Albion (IC) China (IC) East Vassalboro (IC) Palermo (IC) South China (IC) Waterville
Clinton	Clinton Fairfield Skowhegan
Concord	Bingham Solon (IC)
Corinna	Corinna (IC) Dexter

	Exeter (IC)
Corinth	Corinth Exeter (IC) Levant (IC)
Cornville	Athens (IC) Skowhegan
Dayton	Bar Mills (IC) Biddeford Goodwins Mills Waterboro (IC)
Dedham	Bucksport Eddington Ellsworth
Demark	Bridgton Denmark (IC) Fryeburg (IC) Sebago (IC)
Detroit	Newport Pittsfield Plymouth (IC)
Dixfield	Dixfield Wilton
Durham	Brunswick Freeport Lewiston Lisbon Falls New Gloucester (IC) Pownal
Eddington	Eddington
Edgecomb	Boothbay Harbor Damariscotta (IC) Wiscasset
Edmunds	Lubec Pembroke
Eliot	Eliot Locality York
Ellsworth	Bucksport Eddington Ellsworth
Etna	Etna (IC) Hermon Newport Plymouth (IC) Stetson IIC)
Exeter	Corinna (IC) Corinth Dexter

	Exeter (IC)
Fairfield	Fairfield Norridgewock (IC) Oakland Skowhegan Waterville
Fayette	Livermore falls Mt. Vernon (IC) Readfield
Frankfort	Monroe Winterport
Frenchville	Frenchville Ft. Kent (IC) Madawaska
Garland	Corinth Dexter Dover-Foxcroft Exeter (IC)
Glenburn	Hermon Levant (IC) Old Town
Gorham	Gorham Standish (IC) Westbrook Windham
Gouldsboro	Milbridge Sullivan Winter Harbor
Gray	Gray (IC) Pownal Raymond (IC) West Gray (IC)
Greenbush	Old Town Old Town Rural (IC)
Greene	Greene (IC) Monmouth (IC) Sabattus
Hanover	Bethel (IC) Rumford
Hartland	Hartland (IC) Pittsfield
Hebron	Hebron (IC) Norway
Hermon	Hermon
Holden	Eddington Orrington
Hope	Camden

Effective Date: _____

	Lincolnville (IC) Union (IC)
Hudson	Alton, Levant (IC) Bangor Bradford Old Town
Industry	Farmington New Vineyard (IC)
Jefferson	Damariscotta (IC) North Whitefield Sheepscot (IC) Waldoboro
Kenduskeag	Levant (IC)
Lagrange	Milo West Enfield (IC)
Lambert Lake	Princeton Vanceboro Locality
Lang	Rangeley Stratton (IC)
Lebanon	Action Locality Lebanon Sanford South Lebanon Locality West Lebanon Locality
Levant	Hermon Levant (IC)
Limerick	Limerick Limington (IC)
Limington	Cornish Limerick Limington (IC) Standish (IC) Steep Falls (IC) West Buxton (IC)
Lincoln	Lee (IC) Lincoln
Litchfield	Gardiner, Sabattus Litchfield (IC) Monmouth (IC) Richmond West Gardiner (IC)
Livermore	Canton (IC) Livermore Falls Turner (IC)
Lovell	Harrison Lovell (IC) North Fryeburg (IC)

	North Lovell (IC)
Ludlow	Houlton Smyrna Mills (IC)
Lyman	Biddeford Goodwin's Mills Kennebunk Sanford Waterboro (IC)
Macwahoc	Kingman (IC) Wytovitlock
Marion	Macaia Pembroke
Mechanic Falls	Mechanic Falls Poland (IC)
Medford	Milo West Enfield (IC)
Minot	Hebron (IC) Lewiston Mechanic Falls
Monroe	Monroe Newburgh (IC)
Mt. Vernon	Belgrade Mt. Vernon (IC) Readfield
Naples	Bridgton Casco (IC) Naples (IC) Sebago
Newburgh	Hermon Newburgh (IC)
Newcastle	Damariscotta (IC) Sheepscot (IC) Wiscasset
New Gloucester	Gray (IC) New Gloucester (IC) Poland (IC) Pownal
New Limerick	Houlton Smyrna Mills (IC)
Newport	Corinna (IC) Newport Stetson (IC)
Newry	Bethel (IC) Rumford West Bethel (IC)
New Vineyard	Farmington New Vineyard (IC)

Effective Date: _____

	Strong (IC)
Nobleboro	Damariscotta (IC) Waldoboro
Norridgewock	Madison Norridgewock (IC) Skowhegan
North Berwick	Berwick Locality Lebanon North Berwick Sanford
Northport	Belfast Lincolnton Beach (IC)
North Yarmouth	Cumberland Gray (IC) Yarmouth
Number 14 Pkt.	Calais Pembroke
Orland	Bucksport Eddington Ellsworth
Orneville	Bradford Dover-Foxcroft Milo
Orono	Orono
Orrington	Orrington
Otis	Eddington Ellsworth Otis (IC)
Otisfield	Casco (IC) Harrison Norway Oxford
Oxford	Mechanic Falls Norway Oxford Poland (IC)
Palmyra	Hartland (IC) Newport Pittsfield
Paris	Norway West Paris (IC)
Parkman	Guilford West Ripley (IC)
Perham	New Sweden Washburn
Pittsfield	Harland (IC) Pittsfield

Plymouth	Newport Plymouth (IC)
Portland	Portland Westbrook
Poland	Casco (IC) Lewiston Mechanic Falls New Gloucester (IC)
Poland	Oxford Poland (IC)
Pownal	Cumberland Freeport Pownal Yarmouth New Gloucester (IC)
Prentiss	Kingman (IC) Wytopitlock
Prospect	Bucksport Stockton Springs (IC)
Readfield	Readfield Winthrop (IC)
Ripley	Dexter West Ripley (IC)
Robbinston	Calais Pembroke
Rockport	Camden Rockland Union (IC)
Rome	Belgrade Mt. Vernon (IC) Rome (IC)
Roque Bluffs	Machias Jonesboro (IC)
Roxbury	Roxbury Pond (IC) Rumford
Sabattus	Lisbon Falls Sabattus
Saco	Bar Mills (IC) Biddeford Old Orchard Beach
St. Albans	Corinna (IC) Dexter Harland (IC) Newport West Ripley (IC)
Sangerville	Dexter Dover-Foxcroft

Scarborough	Gorham Portland Scarborough
Searsport	Belfast Searsport Stockton Springs (IC)
Sebago	Bridgton Cornish Sebago (IC)
Sebec	Dover-Foxcroft Milo
Sedgwick	Castine Sedgwick
Shapleigh	Limerick Sanford Waterboro (IC)
Sidney	Augusta Oakland Waterville
Skowhegan	Fairfield Norridgewock (IC) Skowhegan
Smyrna	Houlton Smyrna Mills (IC)
Solon	Athens, Solon (IC) Madison Skowhegan
South Berwick	Eliot Locality North Berwick South Berwick
Standish	Bar Mills (IC) Raymond (IC) Sebago (IC) Standish (IC) Steep Falls (IC) Windham
Starks	Farmington Madison
Stoneham	Harrison North Lovell (IC)
Strong	Farmington New Vineyard (IC) Strong (IC)
Sweden	Bridgton Lovell (IC)
Topsfield	Danforth Princeton

Township 7 S.D.	Millbridge Sullivan Winter Harbor
Township 8 S.D.	Aurora (IC) Ellsworth
Township 17 R4	Ft. Kent (IC) Frenchville Grand Isle
Turner	Hebron (IC) Lewiston Livermore Falls Turner (IC)
Vassalboro	Augusta East Vassalboro (IC) South China (IC) Waterville
Waldo	Belfast Brooks (IC) Morrill (IC)
Waldoboro	Bremen (IC) Damariscotta (IC) Union (IC) Waldoboro Warren (IC)
Wales	Monmouth (IC) Sabattus
Waltham	Aurora (IC) Franklin
Warren	Rockland Thomaston Waldoboro Warren (IC)
Washington	North Whitefield Union (IC) Washington (IC)
Waterboro	Bar Mills (IC) Limerick Waterboro (IC)
Wayne	Monmouth (IC) Readfield Winthrop (IC)
Wells	Kennebunk North Berwick Wells
Westbrook	Portland Westbrook
West Paris	Norway

	West Paris (IC)
Whitefield	Gardiner North Whitefield Richmond Sheepscot (IC)
Whiting	Lubec Machias
Windham	Cumberland Westbrook Windham
Windsor	Augusta North Whitefield South China (IC)
Winslow	Albion (IC) Waterville
Winterport	Monroe Newburgh (IC) Winterport
Winthrop	Monmouth (IC) Readfield Winthrop (IC)
Woodland	New Sweden Washburn
Woodstock	Bryant Pond (IC) Rumford Sumner (IC) West Paris (IC)
York	Kittery Locality South Berwick York Wells

Independent Telephone Companies

2.2.6 Independent Telephone Companies

- A. Exhibit 2.2.6-A identifies Independent Telephone Companies and their associated operating area in the State of Maine.

Exhibit 2.2.6-A Independent Telephone Companies and Their Associated Operating Areas	
Independent Telephone Companies	Operator Territory/Exchanges
Bryant Pond	Bryant Pond
China	China, East Vassalboro, South China
Cobbosseecontee	West Gardiner
Community Service	East Winthrop, Greene, Leeds, Litchfield, Monmouth, Mount Vernon, Winthrop
Hampden	Etna, Hampden
Hartland and St. Albans	Harmony, Hartland, West Ripley
Island	Frenchboro, Isle Au Haut, Matinicus, Swans Island
Lincolnville	Lincolnville, Lincolnville Beach
Maine	Casco, Naples, Poland, Raymond
Mid-Maine	Alton, Levant, Old Tow Rural, Plymouth, West Enfield
Northland of Maine	Brooks, Chatham NH, Eagle Lake, East Conway NH, Fort Kent, Freedom, Fryeburg, Island Falls, Kingman, Lee, Liberty, Lovell, Mattawamkeag, Morrill, North Fryeburg, North Lovell, Palermo, Pattern, Sherman Mills, Smyrna Mills, St. Francis, Stockton Springs, Washington
Oxford County	Buckfield, Canton, North Turner, Sumner, Turner, West Paris
Oxford West	Andover, Bethel, Hebron, Locke Mills, North Norway, Roxbury Pond, Upton, West Bethel
Pine Tree	Gray, New Gloucester, West Gray
Saco River	Bar Mills, Waterboro, West Buxton
Sidney	Sidney
Somerset	Athens, Bigelow, Carrabassett, Coburn Gore, Embden Lake, Kingfield, Mercer, Moosehorn, Norridgewock, North Anson, North New Portland, New Vineyard, Phillips, Salem, Smithfield, Solon, Statton, Strong, Rome, Weld
Standish	Denmark, Limington, Sebago, Standish, Steep Falls
Tidewater	Bremen, Damariscotta, New Harbor, Sheepscot, South Bristol, Union
Union River	Aurora, Beddington, Otis
Unitel, Inc.	Albion, Newbur, Thorndike, Unity
Warren	Warren
West Penobscot	Corinna, Exeter, Jonesboro, Stetson

Basic Exchange Service

2.1 Basic Exchange Service

Rates and charges for services explained herein are contained in the Rate section. Main telephone exchange service consists of basic exchange services as specified in this section and in the Extended Local Service section.

2.1.1 Description

- A. Service is provided on a monthly basis and is available as either residence or business.
 - 1. Residence service rates apply if the service is used primarily for social or domestic purposes.
 - 2. Business service rates apply if the service is used primarily or substantially for business purposes, or if the service is furnished at a business location (except as specified in Section 2.2.3A2).
- B. Basic service is provided on an unlimited and measured basis.
 - 1. Unlimited service provides for unlimited calling with the exchange and to the additional exchanges included in the extended local service area. Where a municipality is served by more than one exchange or locality and the extended local service area for the exchange does not include the entire municipality, municipal calling service provides intramunicipal calling without the application of Message Telecommunications Service (MTS) charges.
 - 2. Measured service is only available on a foreign exchange basis. It provides for calling on an initial period one message unit basis within the exchange and to the additional exchanges included in the extended local service area. Where a municipality is served by more than one exchange or locality and the extended local service area for the exchange does not include the entire municipality, municipal calling service provides intramunicipal calling without the application of MTS charges.
 - a. Measured foreign exchange service is available as specified in Section 2.3.2.
- C. Local Service Provider Freeze is available to residence and business end-user customers as a means of protection from changes in their local service provider being made without their consent. This freeze prevents a change in the end user's local service provider unless such a change is requested by the end user.

1. A request to activate or remove a local service freeze may be transmitted by an end user to the Company either orally or in writing. No charges apply for such requests.

2.1.2 Restrictions

- A. Economy and premium services are not furnished on the same premises for business customers.
- B. Multi-party unlimited service and single-party measured service customers are required to subscribe to the premium local service area option.

1. The local service area for unlimited residence customers with multi-party service are the exchanges and localities included in the premium local service area.

2.1.3 Use of Service – Residence

- A. Residence service and business service may be furnished on the same premises provided that the lines are nonhunting and the residence service, when located in the business portion of the premises, is furnished as an extension service and arranged to prevent outward calling and is not used for business purposes.
- B. The use of unlimited residence exchange service is restricted to the customer and members of the household.

2.1.4 Use of Service – Business

- A. Unlimited business service and business foreign exchange service from exchanges in the local service area of the other, are not furnished on the same premises except for the following situations.
 1. A customer may have measured foreign exchange and unlimited local service on the same premises.
 2. A customer with measured Private Branch Exchange (PBX) service providing service to residential tenants in clubs, lodging houses, dormitories, nurses' homes, apartment houses and to patients of the customer in hospitals and to tenants or guests of hotels and motels may have unlimited business exchange service for his own use.
- B. Business service and residence service may be furnished on the same premises provided that the lines are nonhunting and the residence service when located in the business portion of the premises is furnished as extension service and arranged to prevent outward calling and is not used for business purposes.

- C. The use of business exchange service and business foreign exchange service is restricted to the customer, his agents and employees when engaged in his business; to residential tenants of the customer in clubs, lodging houses, hotels and motels (tenants or guests), marinas (transient guests or tenants), fraternity houses, dormitories, nurses' homes, apartment houses; to patients of hospitals; to patrons of the customer in connection with automatic dialing telephone units arranged for the origination of telephone calls only to pre-recorded telephone numbers and to joint users as arranged for.

2.1.5 Billing

- A. When a customer has two or more exchange lines of the same class of service terminating at the same premises and billed from the same Revenue Accounting Office (RAO), one bill, including charges for services associated with such lines, may be rendered.

2.1.6 Localities and Exchanges of Connection

- A. When an area which otherwise would constitute one exchange is divided by a state boundary, the additional exchange so formed is referred to as a locality. The exchange that serves the locality is called the exchange of connection.
- B. The location of the customer governs the administration of the appropriate tariff rates and regulations for exchange service, and for services furnished between these exchanges, the area is as if it were one exchange. For other purposes, these exchanges are administered as separate exchanges.
- C. Each exchange is considered to be in the local service area of its paired exchange. Exhibit 2.1.6-A shows localities with their exchange of connection in another jurisdiction and exchanges of connection serving localities in adjoining jurisdictions.

Exhibit 2.1.6-A	
Localities and Exchanges of Connection	
Locality	Exchanges of Connections
Acton	Milton Mills, NH
Berwick	Somersmith, NH
Eliot	Dover, NH
Kittery	Portsmouth, NH

South Lebanon	Rochester, NH
West Lebanon	Milton, NH
Wilson's Mills	Errol, NH

Application of Rates and Charges

2.2 Application of Rates and Charges

2.2.1 Local Usage

- A. Economy Service Local Usage – Calls are made outside the economy local service area but within the premium local service area are charged the economy service local usage rate on a per minute basis.

2.2.2 Local Messages

A. Local Measured Service

1. For the timing of messages, the initial and overtime periods are five minutes each. One message unit applies to each such period or fraction thereof.

- B. Local calls within an exchange, between exchanges and between exchanges and localities in the local service area may be handled on a station-to-station or person-to-person basis as collect, charge to a third telephone number, or charge to a calling card number, in accordance with the following regulations.

1. For a call within the same exchange or locality, the local message charge is the same as that for an intrastate operator handled station-to-station or person-to-person non-coin MTS call in the lowest mileage band.
2. For a call between exchanges or between exchanges and localities, the local message charge is the same as that for an intrastate operator handled station-to-station or person-to-person non-coin MTS call of the same distance.

- C. Message Unit Allowance – For measured service the total message unit allowance is equivalent to the sum of the allowances for all lines included in the one bill.

1. Message units in excess of the total allowance are charged for as additional message units.

2.2.3 Trunk Lines

- A. Trunk Lines are furnished on a measured or an unlimited service basis in accordance with the service offerings for main telephone exchange service in each exchange.

1. Residence – One-party unlimited service is furnished at the monthly rate applicable in the exchange.
2. Business service is furnished at 150 of the one-party line unlimited service monthly rate applicable in the exchange.

2.2.4 Service and Equipment Charges

Effective Date: _____

- A. S&E charges apply on a business or residence basis, and are in addition to the rates and charges for associated services or equipment, or during special promotions. The charges apply for the following activities.
1. Installation of a network access line.
 2. Change in the grade or class of service or to change from residence to business service or vice versa.
 3. Change foreign exchange service from measured residence to one-party unlimited residence or vice versa.
 4. Change a telephone number.
 5. Rearrangement of combined billing.
 6. Transfer of service.

2.2.5 Municipal Calling Service

- A. Municipal calling is an arrangement provided on a non-optional basis to municipalities served by more than one exchange or locality where economy service local usage charges or MTS charges would normally apply to calls between the exchanges or localities serving the same municipality. Dial station-to-station service and economy service local usage charges within a municipality are not chargeable as MTS or local usage except for calls made to or from foreign exchange lines unless dial tone for the foreign exchange line is provided from a central office service some portion of the municipality in which the foreign exchange line service address is located.
- B. Municipalities, serving exchanges and/or localities where municipal calling applies for Company exchanges and localities are shown in Exhibit 2.2.5-A.

2.2.5 Municipal Calling Service

Exhibit 2.2.5-A Municipal Calling Service Municipalities and Serving Exchanges and Localities	
Municipalities	Serving Exchanges and/or Localities or Portions Thereof
Action	Acton Locality Lebanon
Alfred	Sanford Westboro (IC)
Alna	North Whitefield Richmond Sheepscot (IC) Wiscasset
Andover	Andover (IC)

Effective Date: _____

	Roxbury Pond (IC) Rumford
Atkinson	Bradford Dover-Foxcroft
Auburn	Lewiston New Gloucester (IC)
Baldwin	Cornish Sebago (IC) Steep Falls (IC)
Belgrade	Belgrade Oakland Rome (IC)
Bowdoin	Bowdoinham Richmond Lisbon Falls Litchfield (IC)
Bradley	Eddington Old Town Orono
Brooksville	Castine Sedgwick
Bucksport	Bucksport Eddington Orrington
Burlington	Lincoln West Enfield (IC)
Burnham	Clinton Pittsfield Unity (IC)
Buxton	Bar Mills (IC) Gorham Standish (IC)
Byron	Andover (IC) Roxbury (IC) Rumford
Canaan	Clinton Hartland (IC) Skowhegan
Canton	Canton (IC) Livermore Falls
Carmel	Hermon Levant (IC)
Carthage	Dixfield Wilton
Charleston	Corinth Dexter
Charlotte	Calais

	Pembroke
Chesterville	Farmington Livermore Falls Mt. Vernon (IC) Wilton
China	Albion (IC) China (IC) East Vassalboro (IC) Palermo (IC) South China (IC) Waterville
Clinton	Clinton Fairfield Skowhegan
Concord	Bingham Solon (IC)
Corinna	Corinna (IC) Dexter Exeter (IC)
Corinth	Corinth Exeter (IC) Levant (IC)
Cornville	Athens (IC) Skowhegan
Dayton	Bar Mills (IC) Biddeford Goodwins Mills Waterboro (IC)
Dedham	Bucksport Eddington Ellsworth
Demark	Bridgton Denmark (IC) Fryeburg (IC) Sebago (IC)
Detroit	Newport Pittsfield Plymouth (IC)
Dixfield	Dixfield Wilton
Durham	Brunswick Freeport Lewiston Lisbon Falls New Gloucester (IC) Pownal
Eddington	Eddington

Edgecomb	Boothbay Harbor Damariscotta (IC) Wiscasset
Edmunds	Lubec Pembroke
Eliot	Eliot Locality York
Ellsworth	Bucksport Eddington Ellsworth
Etna	Etna (IC) Hermon Newport Plymouth (IC) Stetson IIC)
Exeter	Corinna (IC) Corinth Dexter Exeter (IC)
Fairfield	Fairfield Norridgewock (IC) Oakland Skowhegan Waterville
Fayette	Livermore falls Mt. Vernon (IC) Readfield
Frankfort	Monroe Winterport
Frenchville	Frenchville Ft. Kent (IC) Madawaska
Garland	Corinth Dexter Dover-Foxcroft Exeter (IC)
Glenburn	Hermon Levant (IC) Old Town
Gorham	Gorham Standish (IC) Westbrook Windham
Gouldsboro	Milbridge Sullivan Winter Harbor
Gray	Gray (IC)

	Pownal Raymond (IC) West Gray (IC)
Greenbush	Old Town Old Town Rural (IC)
Greene	Greene (IC) Monmouth (IC) Sabattus
Hanover	Bethel (IC) Rumford
Hartland	Hartland (IC) Pittsfield
Hebron	Hebron (IC) Norway
Hermon	Hermon
Holden	Eddington Orrington
Hope	Camden Lincolntonville (IC) Union (IC)
Hudson	Alton, Levant (IC) Bangor Bradford Old Town
Industry	Farmington New Vineyard (IC)
Jefferson	Damariscotta (IC) North Whitefield Sheepscot (IC) Waldoboro
Kenduskeag	Levant (IC)
Lagrange	Milo West Enfield (IC)
Lambert Lake	Princeton Vanceboro Locality
Lang	Rangeley Stratton (IC)
Lebanon	Action Locality Lebanon Sanford South Lebanon Locality West Lebanon Locality
Levant	Hermon Levant (IC)
Limerick	Limerick Limington (IC)
Limington	Cornish

	Limerick Limington (IC) Standish (IC) Steep Falls (IC) West Buxton (IC)
Lincoln	Lee (IC) Lincoln
Litchfield	Gardiner, Sabattus Litchfield (IC) Monmouth (IC) Richmond West Gardiner (IC)
Livermore	Canton (IC) Livermore Falls Turner (IC)
Lovell	Harrison Lovell (IC) North Fryeburg (IC) North Lovell (IC)
Ludlow	Houlton Smyrna Mills (IC)
Lyman	Biddeford Goodwin's Mills Kennebunk Sanford Waterboro (IC)
Macwahoc	Kingman (IC) Wytotpitlock
Marion	Macaia Pembroke
Mechanic Falls	Mechanic Falls Poland (IC)
Medford	Milo West Enfield (IC)
Minot	Hebron (IC) Lewiston Mechanic Falls
Monroe	Monroe Newburgh (IC)
Mt. Vernon	Belgrade Mt. Vernon (IC) Readfield
Naples	Bridgton Casco (IC) Naples (IC) Sebago
Newburgh	Hermon

	Newburgh (IC)
Newcastle	Damariscotta (IC) Sheepscot (IC) Wiscasset
New Gloucester	Gray (IC) New Gloucester (IC) Poland (IC) Pownal
New Limerick	Houlton Smyrna Mills (IC)
Newport	Corinna (IC) Newport Stetson (IC)
Newry	Bethel (IC) Rumford West Bethel (IC)
New Vineyard	Farmington New Vineyard (IC) Strong (IC)
Nobleboro	Damariscotta (IC) Waldoboro
Norridgewock	Madison Norridgewock (IC) Skowhegan
North Berwick	Berwick Locality Lebanon North Berwick Sanford
Northport	Belfast Lincolnville Beach (IC)
North Yarmouth	Cumberland Gray (IC) Yarmouth
Number 14 Plt.	Calais Pembroke
Orland	Bucksport Eddington Ellsworth
Orneville	Bradford Dover-Foxcroft Milo
Orono	Orono
Orrington	Orrington
Otis	Eddington Ellsworth Otis (IC)
Otisfield	Casco (IC)

	Harrison Norway Oxford
Oxford	Mechanic Falls Norway Oxford Poland (IC)
Palmyra	Hartland (IC) Newport Pittsfield
Paris	Norway West Paris (IC)
Parkman	Guilford West Ripley (IC)
Perham	New Sweden Washburn
Pittsfield	Harland (IC) Pittsfield
Plymouth	Newport Plymouth (IC)
Portland	Portland Westbrook
Poland	Casco (IC) Lewiston Mechanic Falls New Gloucester (IC)
Poland	Oxford Poland (IC)
Pownal	Cumberland Freeport Pownal Yarmouth New Gloucester (IC)
Prentiss	Kingman (IC) Wytotpitlock
Prospect	Bucksport Stockton Springs (IC)
Readfield	Readfield Winthrop (IC)
Ripley	Dexter West Ripley (IC)
Robbinston	Calais Pembroke
Rockport	Camden Rockland Union (IC)
Rome	Belgrade

	Mt. Vernon (IC) Rome (IC)
Roque Bluffs	Machias Jonesboro (IC)
Roxbury	Roxbury Pond (IC) Rumford
Sabattus	Lisbon Falls Sabattus
Saco	Bar Mills (IC) Biddeford Old Orchard Beach
St. Albans	Corinna (IC) Dexter Harland (IC) Newport West Ripley (IC)
Sangerville	Dexter Dover-Foxcroft
Scarborough	Gorham Portland Scarborough
Searsport	Belfast Searsport Stockton Springs (IC)
Sebago	Bridgton Cornish Sebago (IC)
Sebec	Dover-Foxcroft Milo
Sedgwick	Castine Sedgwick
Shapleigh	Limerick Sanford Waterboro (IC)
Sidney	Augusta Oakland Waterville
Skowhegan	Fairfield Norridgewock (IC) Skowhegan
Smyrna	Houlton Smyrna Mills (IC)
Solon	Athens, Solon (IC) Madison Skowhegan
South Berwick	Eliot Locality North Berwick

	South Berwick
Standish	Bar Mills (IC) Raymond (IC) Sebago (IC) Standish (IC) Steep Falls (IC) Windham
Starks	Farmington Madison
Stoneham	Harrison North Lovell (IC)
Strong	Farmington New Vineyard (IC) Strong (IC)
Sweden	Bridgton Lovell (IC)
Topsfield	Danforth Princeton
Township 7 S.D.	Millbridge Sullivan Winter Harbor
Township 8 S.D.	Aurora (IC) Ellsworth
Township 17 R4	Ft. Kent (IC) Frenchville Grand Isle
Turner	Hebron (IC) Lewiston Livermore Falls Turner (IC)
Vassalboro	Augusta East Vassalboro (IC) South China (IC) Waterville
Waldo	Belfast Brooks (IC) Morrill (IC)
Waldoboro	Bremen (IC) Damariscotta (IC) Union (IC) Waldoboro Warren (IC)
Wales	Monmouth (IC) Sabattus
Waltham	Aurora (IC) Franklin
Warren	Rockland

	Thomaston Waldoboro Warren (IC)
Washington	North Whitefield Union (IC) Washington (IC)
Waterboro	Bar Mills (IC) Limerick Waterboro (IC)
Wayne	Monmouth (IC) Readfield Winthrop (IC)
Wells	Kennebunk North Berwick Wells
Westbrook	Portland Westbrook
West Paris	Norway West Paris (IC)
Whitefield	Gardiner North Whitefield Richmond Sheepscot (IC)
Whiting	Lubec Machias
Windham	Cumberland Westbrook Windham
Windsor	Augusta North Whitefield South China (IC)
Winslow	Albion (IC) Waterville
Winterport	Monroe Newburgh (IC) Winterport
Winthrop	Monmouth (IC) Readfield Winthrop (IC)
Woodland	New Sweden Washburn
Woodstock	Bryant Pond (IC) Rumford Sumner (IC) West Paris (IC)
York	Kittery Locality South Berwick

	York Wells
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2.2.6 Independent Telephone Companies

- A. Exhibit 2.2.6-A identifies Independent Telephone Companies and their associated operating area in the State of Maine.

Exhibit 2.2.6-A Independent Telephone Companies and Their Associated Operating Areas	
Independent Telephone Companies	Operator Territory/Exchanges
Bryant Pond	Bryant Pond
China	China, East Vassalboro, South China
Cobbosseecontee	West Gardiner
Community Service	East Winthrop, Greene, Leeds, Litchfield, Monmouth, Mount Vernon, Winthrop
Hampden	Etna, Hampden
Hartland and St. Albans	Harmony, Hartland, West Ripley
Island	Frenchboro, Isle Au Haut, Matinicus, Swans Island
Lincolntonville	Lincolntonville, Lincolntonville Beach
Maine	Casco, Naples, Poland, Raymond
Mid-Maine	Alton, Levant, Old Tow Rural, Plymouth, West Enfield
Northland of Maine	Brooks, Chatham NH, Eagle Lake, East Conway NH, Fort Kent, Freedom, Fryeburg, Island Falls, Kingman, Lee, Liberty, Lovell, Mattawamkeag, Morrill, North Fryeburg, North Lovell, Palermo, Pattern, Sherman Mills, Smyrna Mills, St. Francis, Stockton Springs, Washington
Oxford County	Buckfield, Canton, North Turner, Sumner, Turner, West Paris
Oxford West	Andover, Bethel, Hebron, Locke Mills, North Norway, Roxbury Pond, Upton, West Bethel
Pine Tree	Gray, New Gloucester, West Gray
Saco River	Bar Mills, Waterboro, West Buxton
Sidney	Sidney
Somerset	Athens, Bigelow, Carrabassett, Coburn Gore, Embden Lake, Kingfield, Mercer, Moosehorn, Norridgewock, North Anson, North New Portland, New Vineyard, Phillips, Salem, Smithfield, Solon, Statton, Strong, Rome, Weld
Standish	Denmark, Limington, Sebago, Standish, Steep Falls
Tidewater	Bremen, Damariscotta, New Harbor, Sheepscot, South Bristol, Union
Union River	Aurora, Beddington, Otis
Unitel, Inc.	Albion, Newbur, Thorndike, Unity
Warren	Warren
West Penobscot	Corinna, Exeter, Jonesboro, Stetson

Directory Listing Service

2.4 Directory Listing Service

2.4.1 Description

- A. Rates and regulations for listing services are applicable only to listings in the alphabetical directories.
- B. Directory listings are intended solely as an aid to the use of the telephone system and are therefore limited to such information as is essential to the identification of the listed party. The listing of a service, commodity, or trade name is not permitted unless it is the name, or an integral part of the name, under which the customer does business.
- C. A listing is limited to one line in the directory, except where, in the judgment of the Company, more than one line is required to identify the customer properly. In such cases, the additional lines required are provided at no extra charge.
- D. Listing services are available with all classes of main telephone exchange service and with interexchange services provided by other carriers.
- E. Dual name listings are available for residence service customers as an initial or an additional listing.
- F. Directory listings must conform to the Company's specifications with respect to its directories.
- G. The Company's liability arising from errors or omissions in directory listings (other than charged listings) is limited to the amount of actual impairment to the customer's service and in no event shall exceed one-half the amount of the exchange service charges during the period covered by the directory in which the error or omission occurs for main telephone exchange lines, PBX trunks, and Centrex station lines.
 - 1. For charged directory listings, the liability of the Company is limited to an amount not exceeding the amount of charges for the charged listing or listings involved, during the period covered by the directory in which the error or omission occurs.

2.4.2 Initial Listings

- A. One listing, termed the initial listing, is included with each customer's service, with the initial line of a line hunting group, with each joint user service, and with each distinctive ring service number.
- B. Dual name listings are alphabetical by the surname and the first given name or initials, and contain the following.
 - 1. The first name, or first name and middle initial, or first initial and middle name, or initials only, of two individuals who have the same surname and reside at the same address.

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2. The first name, or first name and middle initial, or first initial and middle name, or initials only, and the married name of a woman.
3. Two names for one person, who may be referred to by either, with the same surname.

C. Initial listings for interexchange services or other carriers are provided at rates and charges applicable to additional listings.

2.4.3 Additional Listings

- A. Additional listings are confined to the names of those who are entitled to use the customer's service.
- B. Additional listings are included in the alphabetical directory and on directory assistance records, or appear on directory assistance records only.
- C. Additional dual name listings, provided with an initial listing, list the second name (or initials) first and the listing is alphabetized accordingly in the directory; charging for this listing always commences with the delivery date of the issue of the directory in which the listing first appears.
- D. The monthly rate for an additional listing, or an additional dual name listing provided for a name that is not part of the initial listing, commences the day after the directory assistance records are posted. Directory assistance records are posted either as of the delivery date of the issue of the directory in which the listing first appears, or at any earlier practicable date selected by the customer.
- E. If an additional listing is ordered discontinued after the closing of the directory, the monthly rate continues through that issue of the directory and up to the date for rates to be effective for the next directory. If the additional listing is ordered discontinued before the closing date of the directory in which it would first appear, the monthly rate continues only to the date of cancellation by the customer, with a minimum service period of one month.

2.4.4 Nonpublished Service

- A. Telephone numbers of nonpublished service are not listed in the Company's directories or on directory assistance records. Listing of information (name, address and number) on nonpublished service is not available to the general public, notwithstanding any claim of emergency the calling party may present, however, such information may be displayed on a call-by-call basis at Public Safety Answering Point (PSAP) locations where Enhanced Universal Emergency Number (E911) service is provided.
- B. Liability for damages arising from publishing the telephone number of nonpublished service in the directory or by the disclosing of said number to any person cannot be attached to the Company.
 1. If such number is published in the directory, the Company's liability is limited to an amount not to exceed the amount of charge made for such nonpublished service.

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- C. The customer indemnifies and saves the Company harmless against any claims for damages caused by the publication of the number of a nonpublished service or by the disclosure of said number to any person.
 - D. Exchange lines associated with the Company or customer provided equipment, the primary purpose of which is to transmit a prerecorded message are not provided on a nonpublished basis.
- 2.4.5 Nondirectory Listed Service
- A. Telephone numbers of nondirectory listed service are omitted or deleted from the Company's alphabetical directory, however, they are carried in the Company's directory assistance and other records and are given to any calling party.
- 2.4.6 Nonlisted Service
- A. Telephone numbers of nonlisted service are not listed in the Company's directories or on the directory assistance records. Nonlisted service is available with all classes of main telephone exchange service provided the customer has other exchange service which is listed in the directory or is on directory assistance records in the same name and at the same address. There are no restrictions against furnishing name, address or number information for nonlisted service.

Directory Assistance Service

2.5 Directory Assistance Service

2.5.1 Description

- A. The Company furnishes directory assistance service to aid customers in determining telephone numbers.
- B. Rates apply to calls originated in Maine that are placed to appropriate telephone numbers associated with the provision of directory assistance service for Maine. Certain calls as described below are exempt from the applicable rates.
- C. No more than two telephone numbers may be requested per call to directory assistance service.
- D. A call to directory assistance is considered complete whether or not the numbers requested are available from directory assistance records, or the information requested is normally provided by directory assistance, unless otherwise stated as an exemption below.

2.5.2 Call Allowance

- A. In order to make allowance for a reasonable need for directory assistance service including newly assigned numbers not yet found in the directory, directory inaccessibility, and other similar conditions, an allowance consisting of a number of directly dialed calls is provided as follows.
 - 1. Five calls for each residence exchange line, residence PBX trunk line, residence DCS line or Student Centrex line per billing period.
 - 2. Three calls for each business exchange line, or business PBX trunk line per billing period.
 - 3. Three calls for each Centrex station line, per billing period.
- B. Calls to directory assistance via a local or MTS operator are not included in the customer's call allowance and are billed at the applicable rate.
- C. If a customer has two or more main telephone exchange service lines, Centrex station lines, or PBX trunk lines terminating at the same premises, connected to the same central office, in the same billing period and billed to the same number, the total allowance is applied to the total usage for the lines or trunks involved.

2.5.3 Exemptions

- A. Directly dialed calls to directory assistance are exempt from the directory assistance rates and regulations when placed from the following locations.
 - 1. A registered residential main telephone exchange line where a user because of a functional disability is unable to obtain telephone numbers from a directory; a registered business main telephone exchange line of a handicapped user where assistance is otherwise not available. A business or residence main telephone exchange line may be registered for exemption with the Company in those instances where one of the users of the line is considered to be functionally disabled. This includes, but is not

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limited to, the legally blind, or visually or physically handicapped as defined by The Federal Register, Volume 35, No. 126.

- a. In addition, calling cards will be issued to handicapped users who have registered their own main telephone exchange lines for their own use at any location where telephone service is not otherwise exempt from directory assistance charges.
2. Qualified hospitals where telephones are provided in a majority of patients' rooms (including calls placed over toll access lines or toll terminals). A hospital is considered qualified if it is currently able to meet the registration requirements of the American Hospital Association; however, it is not necessary for the hospital to be so registered.
- B. Calls to directory assistance service requesting nondirectory listed or nonpublished service telephone numbers are exempt.
 - C. Calls to directory assistance service from a registered main telephone exchange line where a user's handicap prevents the dialing of a telephone in a conventional manner or permits only the dialing of "0" are exempt.
 - D. S&E charges do not apply to a request for exemption.

Call Connect Service

2.6 Call Connect Service

2.6.1 Description

- A. This service which is offered where facilities exist, provides customers who have received a requested intraLATA telephone number from directory assistance, the option of having an intraLATA call dialed and completed to that requested telephone number.
 - 1. For customers requesting more than one directory assistance number, this service option is available only to the last telephone number requested.
- B. This service is available with all telephone numbers in the Company's directory assistance service database, except for the following types of numbers.
 - 1. InterLATA
 - 2. 700, 800 and 900
 - 3. Nonpublished
- C. This service is available to residence and business customers on a direct billed, collect, billed to third number or calling card basis. When accessed from a telephone line equipped with a Curb-A-Charge, this service is only available on a collect, billed to third party number or calling card basis.
- D. Customers may request that their line(s) be restricted to deny this service.

2.6.2 Application of Rates and Charges

- A. The charge for this service is in addition to the applicable direct dialed or operator assisted directory assistance service rates, local usage charges, MTS rates, and calling card, collect and bill to third number incremental charges.
- B. The charge for this service applies for each call dialed and completed for the customer except when the call is identified as exempt.
- C. When customers request that their line(s) be restricted to deny this service, no recurring or NRCs will apply.

Busy Line Verification and Busy Line Interrupt Service

2.7 Busy Line Verification and Busy Line Interrupt Service

2.7.1 Description

- A. Busy line verification and busy line interrupt which are provided where and to the extent that facilities permit, are furnished for customers requesting line status verification or interrupt of a specific exchange access line within the state of Maine LATA.
 - 1. The provision of busy line verification involves an operator determining the status of an exchange access line at the request of the customer.
 - 2. The provision of busy line interrupt involves a Company operator interrupting a conversation in progress to notify individuals on the call that another caller is attempting to contact the line.
- B. When busy line verification and busy line interrupt is requested for multi-party service lines, no assurance is given that the line verified or interrupted is that of the called party.
- C. Charges for verification and interruption may be billed to a third number or calling card.

2.7.2 Responsibility of the Customer

- A. Liability – The customer shall indemnify and save the Company harmless against all claims that may arise from either party to the interrupted call.

2.7.3 Application of Rates and Charges

- A. Busy line verification and busy line interrupt charges are not applicable to calls placed from police and fire departments.
- B. Busy Line Verification
 - 1. The charge does not apply when verification indicates a trouble status on the line requiring repair of Company equipment or facilities.
 - 2. The charge applies each time the operator verifies a called line.
- C. Busy Line Interrupt
 - 1. The charge applies each time the operator interrupts the conversation in progress on a called line. The charge applies even though one or the other parties interrupted refuses to terminate the conversation in progress.
 - 2. If an operator verifies the status of the line and interrupts the conversation on the same request, only the busy line interrupt charge applies.
- D. Other Charges

1. If the line verified is not in use, or as a result of the interrupt the line is cleared, and, at the calling party's request, the operator completes the call, the applicable operator assistance incremental charge, applies in addition to the busy line verification or busy line interrupt charge(s).
2. Rates and charges for main telephone exchange service or MTS apply in addition to busy line verification and busy line interrupt charges.

Local Service Areas

3.1 Local Service Areas

The rates and charges for services explained herein are contained in the Rate Section.

3.1.1 Local Service Calling Areas

- A. Local Service Calling Area is an arrangement provided on a non-optional basis whereby the local service area of an exchange is enlarged by combining it with one or more additional exchanges in order to eliminate MTS charges.
- B. The local service of each exchange or locality includes all the central offices and localities of the exchange (refer to Exhibit 3.1.1-A). The local service area of the exchanges and localities are offered under the following service options.
 - 1. Premium Service – Provides for unlimited calling within the exchange or locality and all additional exchanges and localities included in the local service area.
 - a. The local calling service area for Centrex, PBX, PASL, and FX service customers is the Premium local service area.
 - 2. Economy Service – Provides for unlimited calling within the exchange or locality and all additional exchanges and localities that are not rated at the economy service local usage rate within the local service area. Calls made outside the economy local service area but with the premium local service area are charged the economy service local usage rate which is assessed on a per minute basis.
- C. For exchanges served by more than one central office and that have a premium local service area that includes more than 50,000 weighted main telephone exchange lines the economy local service area includes only the exchange itself.
- D. Independent Telephone Companies and their operating territories/exchanges are identified in Section 2.2.6.

Exhibit 3.1.1-A Local Service Calling Areas (an asterisk (*) designates a noncontiguous exchange)		
Exchange or Locality	Economy Local Service Calling Areas	Premium Local Service Calling Area (includes the Economy Local Service Calling Area)
Acton Locality	Acton, Limerick, Milton NH, Milton Mills NH, Sanbornville NH, Sanford	Lebanon, West Lebanon Locality*
Ashland	Ashland, Presque Isle	Eagle Lake (IC), Washburn
Augusta	Augusta, Belgrade, Gardiner, North Whitefield, Readfield, Sidney (IC), West Gardiner (IC),	E. Vassalboro (IC), Palermo* (IC), S. China (IC), Waterville

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	Winthrop (IC)	
Bangor	Bangor	Alton* (IC), Aurora* (IC), Bradford, Bucksport, Corinth, Eddington, Etna* (IC), Exeter* (IC), Hampden (IC), Hermon, Levant (IC), Newburgh* (IC), Old Town, Old Town Rural* (IC), Orono, Orrington, Otis* (IC), Stetson* (IC), Winterport*
Bar Harbor		Bar Harbor, Ellsworth, Northeast Harbor, Southwest Harbor
Bath	Bath, Brunswick, Wiscasset	Bowdoinham, Richmond
Belfast	Belfast, Monroe, Searsport	Brooks (IC), Liberty* (IC), Lincolnville (IC), Lincolnville Beach (IC), Morrill (IC), Stockton Springs* (IC), Winterport
Belgrade	Augusta, Belgrade, Oakland	Mt. Vernon (IC), Readfield, Rome (IC), Sidney (IC)
Berwick Locality	Berwick Locality, Rochester NH, Somersworth NH, South Berwick, South Lebanon Locality	Dover NH*, Eliot Locality*, Lebanon, North Berwick
Biddeford	Biddeford, Goodwin's Mills, Kennebunk, Kennebunkport, Old Orchard Beach	Bar Mill (IC), Scarborough
Bingham	Bingham, The Forks	Athens (IC), Solon (IC)
Blue Hill		Blue Hill, Castine, Ellsworth, Sedgwick
Boothbay Harbor	Boothbay Harbor, Wiscasset	Damariscotta (IC)
Bowdoinham	Bowdoinham, Brunswick, Lisbon Falls, Richmond	Bath, Litchfield (IC)
Bradford	Bangor, Bradford, Corinth	Alton (IC), Dover Foxcroft, Levant (IC), Milo, Old Town (IC)
Bridgton	Bridgton, Casco (IC), Harrison, Naples, Raymond, Sebago	Casco (IC), Denmark (IC), Fryeburg (IC), Milo, Old Town (IC)
Brownville	Brownville, Milo	Dover Foxcroft, Monson
Brunswick		Brunswick, Bath, Bowdoinham, Freeport, Harpswell, Lisbon Falls
Bucksport	Bangor, Bucksport, Orrington	Castine, Eddington, Ellsworth, Stockton Springs (IC)
Calais	Calais, St. Stephen N.B. (IC), Woodland	Eastport, Pembroke, Princeton
Camden	Camden, Lincolnville (IC), Lincolnville Beach (IC), Rockland	Dark Harbor*, Warren (IC), Union (IC)
Caribou	Caribou, Fort Fairfield, Limestone, New Sweden, Presque Island, Washburn	Van Buren

Castine	Castine, Blue Hill	Bucksport, Ellsworth, Sedgwick
Clinton	Clinton, Fairfield	Pittsfield, Skowhegan, Waterville*, Unity (IC)
Columbia	Columbia, Jonesport, Milbridge	Beddington (IC), Jonesboro (IC), Machias
Corinth	Bradford, Corinth	Bangor*, Dexter, Dover Foxcroft, Exeter (IC), Levant (IC)
Cornish	Cornish, Limerick	Denmark (IC), Limington (IC), Fryeburg (IC), Sebago (IC), Steep Falls (IC)
Cumberland	Cumberland, Portland, Yarmouth	Gray (IC), West Gray (IC)*, Pownal, Windham
Danforth	Danforth, Wytopitlock	Houlton, Princeton
Dark Harbor	Dark Harbor	Camden*
Deer Isle	Deer Isle	Sedgwick
Dexter	Dexter, Guildford	Corinna (IC), Corinth (IC), Dover Foxcroft, Exeter (IC), Harland (IC), West Ripley (IC)
Dixfield	Dixfield, Rumford	Bryand Pond (IC), Canton (IC), Sumner (IC), Weld (IC), Wilton
Dover Foxcroft	Dover Foxcroft, Guilford	Bradford, Brownville, Corinth, Dexter, Milo, Monson
East Millinocket	East Millinocket, Millinocket	Lincoln, Mattawamkeag (IC)
Easton		Easton, Fort Fairfield, Mars Hill, Presque Isle
Eastport	Eastport, Pembroke	Calais
Eddington	Bangor, Eddington	urora (IC), Bucksport, Ellsworth, Old Town, Orono, Otis (IC)
Eliot Locality	Dover NH, Eliot Locality, Kittery Locality, South Berwick	Barrington NH*, Berwick Locality*, Newmarket NH*, Rochester NH*, Somersworth NH*, South Lebanon Locality*
Ellsworth	Bar Harbor, Blue Hill, Ellsworth, Southwest Harbor, Sullivan	Aurora* (IC), Bucksport, Castine, Eddington, Franklin*, Northeast Harbor*, Otis (IC)
Fairfield	Clinton, Fairfield, Oakland, Waterville	Albion (IC), Norridgewock (IC), Skowhegan, Unity (IC)
Farmington	Farmington, Wilton	Livermore Falls, Madison, Mercer (IC), New Vineyard (IC), Rome (IC), Strong (IC), Weld (IC)
Fort Fairfield		Cariboue, Easton, Fort Fairfield, Limestone, Presque Isle
Franklin	Franklin, Sullivan	Aurora (IC), Beddington (IC), Ellsworth*
Freeport	Brunswick, Freeport, Pownal, Yarmouth	Lisbon Falls, Portland*
Frenchville	Frenchville, Madawaska	Fort Kent (IC), Grand Isle

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Gardiner	Augusta, Gardiner, Richmond, West Gardiner (IC)	Litchfield (IC), North Whitefield
Goodwin's Mills	Biddeford, Goodwin's Mills	Bar Mills (IC), Kennebunk, Sanford, Waterboro (IC)
Gorham	Gorham, Portland, Scarborough, Westbrook, Windham	Bar Mills (IC), Standish (IC), West Buxton (IC)
Grand Isle	Grand Isle, Madawaska, Van Buren	Frenchville
Greenville	Greenville, Rockwood	Monson
Guilford	Dexter, Dover Foxcroft, Guilford, Monson	Harmony (IC), W. Ripley (IC)
Harpstown		Brunswick, Harpswell
Harrison	Bridgton, Harrison, Norway	Bethel (IC), Casco (IC), Lovell (IC), Naples (IC), North Lovell (IC), North Norway (IC), Oxford
Hermon	Bangor, Hermon	Etna (IC), Hampden (IC), Levant (IC), Newburg (IC), Stetson (IC)
Houlton	Houlton	Danforth, Island Falls (IC), Mars Hill, Smyrna Mills (IC)
Jackman	Jackman	The Forks
Jonesport	Columbia, Jonesport	Jonesboro (IC)
Kennebunk	Biddeford, Kennebunk, Kennebunkport, Wells	Goodwin's Mills, Sanford
Kennebunkport		Biddeford, Kennebunk, Kennebunkport
Kittery Locality	Eliot Locality, Kittery, Portsmouth NH, Rye Beach NH, York	South Berwick
Lebanon	Lebanon, North Berwick, Sanford	Acton, Berwick Locality, South Lebanon Locality, West Lebanon Locality
Lewiston	Greene (IC), Lewiston, Lisbon Falls, Mechanic Falls, Poland (IC), Sabattus	Buckfield* (IC), Hebron (IC), Leeds* (IC), New Gloucester (IC), Turner (IC)
Limerick	Acton Locality, Cornish, Limerick, Sanford	Limington, Waterboro
Limestone	Caribou, Fort Fairfield, Limestone	Van Buren
Lincoln	Lincoln	East Millinocket, Kingman* (IC), Lee* (IC), Mattawamkeag (IC), West Enfield (IC)
Lisbon Falls	Bowdoinham, Brunswick, Lewiston, Lisbon Falls	Freeport, Litchfield, New Gloucester (IC), Pownal, Sabattus
Livermore Falls	Livermore Falls, Readfield, Wilton	Canton (IC), Farmington, Leeds (IC), Mt. Vernon (IC), Turner (IC)
Lubec	Lubec	Machias, Pembroke, Campobello Island, N.B. (IC)

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Machias	Machias	Beddington (IC), Columbia, Jonesboro (IC), Lubec, Pembroke
Madawaska		Edmundston N.B. (IC), Frenchville, Grand Isle, Madawaska
Madison	North Anson (IC), Madison, Skowhegan	Athens (IC), Embden Lake* (IC), Farmington, New Vineyard (IC), Norridgewock (IC), North New Portland (IC), Mercer (IC), Solon (IC)
Mars Hill	Easton, Mars Hill, Presque Isle	Houlton
Mechanic Falls	Lewiston, Mechanic Falls	Hebron (IC), Oxford, Poland (IC)
Milbridge	Columbia, Milbridge	Beddington (IC), Winter Harbor
Millinocket		East Millinocket, Millinocket
Milo	Bronville, Milo	Alton (IC), Braford, Dover Foxcroft, West Enfield (IC)
Monroe	Belfast, Monroe	Brooks (IC), Newburgh (IC), Winterport
Monson	Guilford, Monson	Brownville, Dover Foxcroft, Greenville
New Sweden	Caribou, New Sweden	Fort Kent (IC), Van Buren, Washburn
Newport	Newport, Pittsfield	Corinna (IC), Etna (IC), Harland (IC), Plymouth (IC), Stetson (IC)
North Berwick	Lebanon, North Berwick, Sanford, South Berwick	Berwick Locality, Wells, York
Northeast Harbor	Bar Harbor, Northeast Harbor, Southwest Harbor	Ellsworth*
North Whitefield	August, North Whitefield	Damariscotta (IC), Gardiner, Palermo (IC), Richmond, Sheepscott (IC), South China (IC), Waldoboro, Washington (IC)
Norway	Harrison, North Norway (IC), Norway, Oxford	Buckfield (IC), Hebron (IC), West Paris (IC)
Oakland	Belgrade, Fairfield, Oakland, Sidney (IC), Waterville	Norridgewock (IC), Rome (IC), Smithfield (IC)
Old Orchard Beach	Biddeford, Old Orchard Beach	Portland*, Scarborough
Old Town	Alton (IC), Bangor, Old Town, Old Town Rural (IC), Orono	Aurora (IC), Bradford, Eddington, West Enfield (IC)
Orono	Bangor, Old Town, Old Town Rural (IC), Orono	Eddington
Orrington	Bangor, Bucksport, Orrington, Winterport	Hampden (IC)
Oxford	Norway, Oxford	Casco (IC), Harrison, Hebron (IC), Mechanic Falls, Poland (IC)
Pembroke	Eastport, Pembroke	Calais, Lubec
Pittsfield	Newport, Pittsfield	Clinton, Hartland (IC), Plymouth

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		(IC), Skowhegan, Unit (IC)
Portland	Portland	Cumberland, Freeport*, Gorham, New Gloucester* (IC), Old Orchard Beach*, Pownal*, Scarborough, Westbrook, Windham, Yarmouth, Gray (IC), West Gray (IC)
Pownal	Freeport, Pownal, Yarmouth	Gray/West Gray (IC), Cumberland, Lisbon Falls, New Gloucester (IC), Portland*
Presque Isle		Ashland, Caribou, Easton, Fort Fairfield, Mars Hill, Presque Isle, Washburn
Princeton	Princeton, Woodland	Calais, Danforth, Vanceboro
Rangeley	Rangeley	Moosehorn (IC), Phillips (IC), Stratton (IC)
Readfield	Augusta, Livermore Falls, Readfield	Belgrade, Leeds (IC), Monmouth (IC), Mt. Vernon (IC), Winthrop (IC)
Richmond	Bowdoinham, Gardiner, Richmond	Bath, Litchfield (IC), North Whitefield, Sheepscott (IC), Wiscasset
Rockland	Camden, Rockland, Tenants Harbor, Thomaston, Vinal Haven	Union* (IC), Warren* (IC), Washington* (IC)
Rockwood		Greenville, Rockwood
Rumford	Dixfield, Rumford	Andover (IC), Bethel (IC), Bryant Pond (IC), Locke Mills (IC), Roxbury Pond (IC), Weld (IC)
Sabattus	Lewiston, Sabattus	Greene (IC), Litchfield (IC), Lisbon Falls, Monmouth (IC)
Sanford	Acton Locality, Lebanon, Limerick, North Berwick, Sanford	Goodwin's Mills, Kennebunk, Waterboro (IC), Wells
Scarborough	Gorham, Portland, Scarborough	Bar Mills (IC), Biddeford, Old Orchard Beach, Westbrook*
Searsport	Belfast, Searsport	Stockton Springs (IC), Winterport
Sedgwick	Blue Hill, Sedgwick	Castine, Deer Isle
Skowhegan	Madison, Skowhegan	Athens (IC), Clinton, Embden Lake* (IC), Fairfield, Hartland (IC), Norridgewock (IC), North Anson* (IC), Pittsfield, Solon (IC)
South Berwick	Dover NH, Eliot Locality, Somersworth NH, Berwick Locality, North Berwick, South Berwick	Kittery Locality*, York
South Lebanon Locality	Berwick Locality, Milton NH, Rochester NH, South Lebanon Locality, West Lebanon Locality	Barrington NH*, Dover NH*, Eliot Locality*, Lebanon, Somersworth NH*

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Southwest Harbor		Bar Harbor, Ellsworth, Northeast Harbor, Southwest Harbor
Sullivan	Ellsworth, Franklin, Sullivan, Winter Harbor	Aurora (IC)
Tenants Harbor		Rockland, Tenants Harbor, Thomaston
The Forks	Bingham, The Forks	Jackman
Thomaston	Rockland, Tenants Harbor, Thomaston, Waldoboro	Warren (IC)
Van Buren	Grande Isle, St. Leonard N.B. (IC), Van Buren	Caribou, Limestone, New Sweden
Vanceboro	McAdam N.B. (IC), Vanceboro	Princeton
Vinal Haven		Rockland, Vinal Haven
Waldoboro	Thomaston, Waldoboro	Bremen (IC), Damariscotta (IC), North Whitefield, Warren (IC), Washington (IC), Union (IC)
Washburn	Caribou, Presque Isle, Washburn	Ashland, New Sweden
Waterville	Fairfield, Oakland, Sidney (IC), Waterville	Albion (IC), Augusta, China (IC), Clinton*, East Vassalboro (IC), Norridgewock* (IC)
Wells	Kennebunk, Wells, York	North Berwick, Sanford
West Lebanon Locality	Milton NH, Milton Mills NH, Rochester NH*, South Lebanon Locality, West Lebanon	Acton Locality*, Lebanon
Westbrook	Gorham, Portland, Westbrook, Windham	Scarborough*
Wilson's Mills Locality	Errol NH, Milan NH* Wilson's Mills	Upton (IC)
Wilton	Farmington, Livermore Falls, Wilton	Canton (IC), Dixfield, Weld (IC)
Windham	Gorham, Portland, Westbrook, Windham	Cumberland, Gray/West Gray (IC), Raymond (IC), Standish (IC)
Winter Harbor	Sullivan, Winter Harbor	Milbridge
Winterport	Orrington, Winterport	Bangor*, Belfast, Bucksport, Hampden (IC), Newburg (IC), Monroe, Searsport, Stockton Springs (IC)
Wiscasset	Bath, Boothbay Harbor, Wiscasset	Damariscotta, Richmond, Sheepscot
Woodland		Calais, Princeton, Woodland
Wytopitlock	Danforth, Wytopitlock	Kingman
Yarmouth	Cumberland, Freeport, Portland, Pownal, Yarmouth	Gray*/West Gray* (IC)
York	Kittery Locality, Wells, York	North Berwick, Portsmouth NH*, South Berwick

Exhibit 3.1.1-B Local Service Independent Telephone Company Exchanges	
Independent Telephone Company	Exchange
China	China, East Vassalboro, South China
Cobbossecontee	West Gardiner
Community Service	Greene, Leeds, Litchfield, Monmouth, Mt. Vernon, Winthrop
Hampden	Etna, Hampden
Hartland and St. Albans	Harmony, Hartland, West Ripley
Lincolnville	Lincolnville, Lincolnville Beach
Maine	Casco, Naples, Poland, Raymond
Mid-Maine	Alton, Levant, Old Town Rural, Plymouth, West Enfield
New Brunswick	Edmundston N.B., McAdam N.B., St. Leonard N.B., St. Stephen N.B.
Northland	Brooks, Eagle Lake, Fort Kent, Fryeburg, Kingman, Lee, Liberty, Lovell, Mattawamkeag, Morrill, Palermo, Smyrna Mills, Stockton Springs, Washington
Oxford County	Buckfield, Canton, Turner, West Paris, Sumner
Oxford West	Andover, Bethel, Bryant Pond, Hebron, Locke Mills, North Norway, Roxbury Pond, Upton
Pine Tree	Gray, New Gloucester, West Gray
Saco River	Bar Mills, Waterboro, West Buxton
Sidney	Sidney
Somerset	Athens, Embden Lake, New Vineyard, Horridgewock, North Anson, North New Portland, Mercer, Moosehorn, Phillips, Rome, Smithfield, Solon, Stratton, Strong, Weld
Standish	Denmark, Limington, Sebago, Standish, Steep Falls
Tidewater	Bremen, Damariscotta, Sheepscot, Union
Unitel	Albion, Newburgh, Unity
Union River	Aurora, Beddington, Otis
Warren	Warren
West Penobscot	Corinna, Exeter, Jonesboro, Stetson

Custom Calling Service

4.1 Custom Calling Service

Rates and charges for services explained herein are contained in Section _

4.1.1 Description

Following are features, which compromise Custom Calling.

- A. Call Waiting signals a customer talking on the line that another call has been placed to the line. The customer may answer the second call and alternate between the calls by manipulating the switch hook.
- B. Talking Call Waiting signals a customer talking on the line that another call has been placed to the line via a special tone and then announces the name associated in the Company's records with the line from which the call originates. If the incoming call is marked Private or no Directory Number was received via the database query, the call will be announced as "Private Number" or "Unavailable Number". The person who the customer is speaking with will not hear the signal or the name of the second caller. The customer may answer the second call and alternate between the calls by manipulating the switchbox. No customer provided equipment is required. Subscription to Call Waiting is required with this feature.
- C. Call Forwarding permits a customer to forward all incoming calls to another preselected telephone number. The customer activates the service by dialing a code and the telephone number of the line to which the calls are to be forwarded. No assurance can be given that transmission will be fully satisfactory during Call Forwarding calls.
- D. Call Forwarding Busy Line provides for the automatic routing of incoming calls to a preselected telephone number when the called telephone number is busy. When Call Forwarding Busy Line Custom Calling service is provisioned in a 1A ESS central office, the preselected forwarded to telephone number must be within the same central office control group. No assurance can be given that transmission will be fully satisfactory during Call Forwarding Busy Line service calls.
- E. Call Forwarding Don't Answer provides for the automatic routing of incoming calls to a preselected telephone number when the called telephone number does not answer within a predetermined number of rings. When Call Forwarding Don't Answer Custom Calling service is provisioned in a 1A ESS central office, the preselected forwarded to telephone number must be within the same central office control group. No assurance can be given that transmission will be fully satisfactory during Call Forwarding Don't Answer service calls.
- F. Call Forwarding Busy Line Don't Answer provides for the automatic routing of incoming calls to a preselected telephone number when the called telephone number is busy and/or does not answer within a preselected number of rings. When Call Forwarding Busy Line Don't Answer Custom Calling service is provisioned in a 1A ESS central office, the preselected forwarded to telephone number must be within the same central office control group. No assurance can be given that transmission will be fully satisfactory during Call Forwarding Busy Line Don't Answer service calls.

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- G. Three-Way Calling enables a customer to establish a talking connection involving the customer and two other parties. The customer, by switch hook operation, is able to place an existing call on hold and dial the telephone number of a third-party. No assurance can be given that transmission will be fully satisfactory during Three-Way Calling calls.
- H. Usage Three-Way Calling allows customers to use Three-Way Calling on a per activation basis.
- I. Speed Dialing 8 Codes allows a customer to call a predestinated seven or ten-digit telephone number by dialing a one-digit code. A maximum of eight predestinated telephone numbers can be store.
- J. Speed Dialing 30 Codes allows a customer to call a predestinated seven or ten-digit telephone number by dialing a two-digit code. A maximum of 30 predestinated telephone numbers can be stored.

4.1.2 Application of Rates and Charges

- A. A one time charge applies when Custom Calling services are requested subsequent to the installation of a network access line.
 - 1. The one time charge does not apply if one or more Custom Calling services are ordered during the period when the serving central office is being converted to an ESS office.
 - 2. The one time charge does not apply if Talking Call Waiting is the only feature being ordered.
 - 3. For Call Forwarding busy Line Don't Answer, a one time charge applies to change the number to which calls are forwarded.
- B. For Call Forwarding when a call is forwarded, an additional charge may apply, the charge is determined in accordance with the class of service furnished the customer.
- C. For Call Forwarding Busy Line/Don't Answer, when a call is forwarded to a telephone number served by a different central office control group, an additional charge may apply. This charge is determined in accordance with the class of service furnished to the customer.
- D. Custom Calling Service Package – When three or more services are provided on the same line, excluding Talking Call Waiting, a discount will apply to each service excluding the first one for residence or business monthly rates.
 - 1. The service package applies to Call Waiting, Call Forwarding, Three-Way Calling, and Speed Dialing 8 and 30 Codes.
 - 2. A service package combination consisting of Call Forwarding, Speed Dialing 8, and Speed Dialing 30 is not available to residence customers.

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Touch Tone Calling

4.2 Touch Tone Calling

4.2.1 Description

- A. Touch tone calling which is furnished subject to the availability of the central office facilities, allows calls to be originated from instruments equipped for tone-type address signaling over special central office facilities. Touch tone calling is a basic feature of Centrex services and exchange services.
- B. Telephones equipped for tone-type can only be associated with or have access to, lines equipped for this service or with lines equipped for key pulsing or pushbutton dialing services.

Special Reversed Charge Toll Service

4.4 Special Reversed Charge Toll Service

4.4.1 Description

- A. Special reversed charge toll is an arrangement that provides for customer's patrons to call a special telephone number in their exchange and be connected to the customer without having to place the call on a collect basis.
- B. The customer selects the exchanges in which this service is furnished, subject to the approval of the Company. The Company assigns a special telephone number in the exchange for special reversed charge toll. Calls to the special telephone number are accepted if originated in the exchange with which the special number is associated and the customer assumes the charges for all calls to the special number.

4.4.2 Regulations

- A. One directory listing in the alphabetical section of the directory is provided with this service.
- B. The minimum service period is three months.

4.4.3 Application of Rates and Charges

- A. The special reversed charge toll customer is charged the appropriate operator station-to-station Message Telecommunications Service (MTS) rate for each completed call.
- B. In addition to the monthly rate, the S&E charge applies for each exchange selected when service is established or when, at the request of the customer, a charge is made in the special reversed charge toll number to which calls can be connected.

Line Hunting Service

4.5 Line Hunting Service

4.5.1 Description

- A. Line hunting which is provided subject to the availability of suitable central office facilities is an arrangement that groups together two or more main telephone exchange lines from the same central office so that incoming calls are automatically switched from the initial line, if in use, to the first non-busy line.

4.5.2 Application of Rates and Charges

- A. S&E charges apply per group arranged at the same time to establish or interrupt a line hunting arrangement. However, they do not apply if line hunting is installed at the same time as the associated line.

Referral Services

4.6 Referral Services

4.6.1 Description

A. Basic Referral Service, which is provided subject to the availability of suitable central office facilities, is an arrangement that intercepts incoming calls to a customer's telephone number and refers the calls to another telephone number.

1. The basic referral period for a customer initialed number change is thirty (30) days.

B. Extended Referral Service is an optional intercept service for business customers that provides for the continued referral of a disconnected, suspended or charged number beyond the minimum basic referral period. Extended Referral Service uses a recorded announcement to give a call the number's status and a referral number.

1. Extended Referral Service is provided on individual line business services and the main lines for Centrex, Digital Centrex, FLEX, PBX and Direct Inward Dialing (DID) Services.

2. Extended Referral Service is provided where facilities and numbers are available.

3. The minimum period is two months and the maximum is eleven months, starting after the expiration of the basic referral period.

4. The request for Extended referral Service must be placed at the same time as a request for the disconnection, suspension or telephone number charge.

5. Charges to the initial Extended Referral Service intercept announcement are not permitted once an order has been processed. Extension of the referral period is likewise not permitted once an order has been processed. However, a customer may request early termination of the referral period prior to the originally agreed upon termination date. No credit applies for early termination.

4.6.2 Application of Rates and Charges

A. S&E charges apply per line arranged for Basic Referral Service.

B. Applicable charges for Extended Referral Service will be billed in advance as a one-time charge equals the applicable monthly rate times the number of months or fraction thereof that the customer requests be included in their Extended Referral Service period. Extended Referral Service is subject to a two-month minimum charge.

Stop Hunt Arrangement

4.7 Stop Hunt Arrangement

4.7.1 Description

- A. This arrangement which is provided subject to the availability of suitable central office facilities, limits incoming calls to a specified number of consecutive central office trunks or lines.
- B. A Private Line type 1001 channel serves as a control channel between the customer's premises and the serving central office.
 - 1. Control key is required at the customer's premises.

Make Busy Arrangement

4.8 Make Busy Arrangement

4.8.1 Description

- A. This arrangement, which is provided subject to the availability of suitable central office facilities, permits a customer to place a busy condition on one or more central office trunks or lines.
- B. The make busy arrangement cannot be provided on a customer's listed service.
- C. A Private Line type 1001 channel serves as a control channel between the customer's premises and the serving central office.
 - 1. A control key is required at the customer's premises.

Curb-a-Charge Service

4.9 Curb-A-Charge Service

4.9.1 Description

- A. Curb-A-charge is offered with one-party main telephone exchange service (except Private Branch Exchange (PBX) trunk lines) in suitably equipped central offices to the extent that existing facilities are available.
 - 1. If a customer's local serving office is not suitably equipped, Curb-A-Charge can be furnished on a foreign exchange or foreign central office service basis, subject to the availability of facilities.
- B. Curb-A-Charge is comprised of originating and/or terminating screening features which are available individually or in any combination.
- C. Originating Number Screening
 - 1. Operator Screening alerts the operator that operator handled calls and operator handled directory assistance calls may be not be billed to the originating number. Calls may be placed on a calling card, collect (Excluding calls to directory assistance) or charge to a third number basis.
 - 2. Direct Dialed Screening blocks directly dialed toll calls except calls placed to 800 numbers. Directly dialed calls to directory assistance are denied. Toll and directory assistance calls may be placed on an operator handled basis. This feature is offered only in exchanges served by electronic central offices where suitable facilities exist and is not available with Municipal calling.
- D. Terminating Number Screening alerts operators throughout the country that collect and third number calls cannot be billed to a particular number.
- E. Curb-A-Charge is not available with Public Access Line (PAL) service.

4.9.2 Application of Rates and Charges

- A. One S&E charge applies when one or more Curb-A-Charge services is provided at the same time. It does not apply when one or more Curb-A-Charge feature(s) is provided in conjunction with the installation of the line.
- B. In addition to S&E charges and monthly rates, rates and charges also apply for foreign exchange and foreign central office, when utilized.

Selective Blocking

4.10 Selective Blocking

4.10.1 Description

- A. This arrangement allows customers to prevent use of their telephones for calls placed to information services with a 900 area code provided on either an interstate or intrastate basis. This arrangement recognizes and blocks any attempt to dial a number with a 900 area code.
- B. Selective Blocking is available to one-party residence customers and one-party business customers.
- C. Selective Blocking is provided only from stored Program Control (SPC) central offices and is provided only when sufficient facilities exist.
- D. Implementation of these arrangements will be by central office as requests are received, so that the service will become available within 30 days of the first customer request in any suitably equipped central office.

4.10.2 Regulations

- A. A written request from the customer is necessary to change or remove Selective Blocking.
- B. Provision for Other Services.
 - 1. Selective Blocking cannot be combined with Curb-A-Charge.
 - 2. When Selective Blocking is used in conjunction with line hunting service, all lines in the hunt group must be blocked.

4.10.3 Application of Rates and Charges

- A. Service charges do not apply to the provisioning of Selective Blocking.

Simplified Message Desk Interface (SMDI)

4.11 Simplified Message Desk Interface (SMDI)

4.11.1 Description

A. SMDI, which is offered subject to the availability of facilities to both Centrex and business main telephone exchange service customers (except PBX trunk lines), provides facilities for the answering of a client's telephone line at a customer's message desk services center. The message desk service center must subscribe to Centrex or business main telephone exchange service lines (except PBX trunks) equipped with line hunting, central office automatic message link equipment and a data link between the serving central office and the customer's premises.

1. This permits the customer's clients whose lines are equipped with Call Forwarding to have their messages directed to the message desk service center. The message desk service center receives the following information.

- a. Called number
- b. The type of call forwarding or a direct call indication
- c. The calling number (available for Centrex only if the call originates within the same Centrex system)
- d. The message desk terminal numbers

B. The SMDI feature provides the customer with the ability to offer voice store and forward service, the information may be used to activate a recorded announcement, allowing the caller to leave a recorded message, and place and store the message for the called party. If it is a message desk service, this same information may be used by the customer's attendant, who answers the call and provides client specific information to the calling party (i.e., client's name, location, the name of the person accepting the client's calls and whether the line is busy).

1. SMDI provides the capability for the customer to direct a message waiting indication (audible or visual) to their client's telephone line when calls are forwarded to the message desk. Subscribing clients hear the audible message waiting indication when lifting the receiver or a message waiting indicator lamp is activated and clients know that a message is waiting. The client may call the customer for their message or ignore the tone and place a call.

- a. Visual message waiting indicator service is available to Centrex customers served by suitably equipped central office facilities. Satisfactory provision of the feature is dependent on the customer's use of customer provided compatible station set hardware

4.11.2 Regulations

A. Responsibility of the Customer

1. Customers providing message desk service must have Centrex or exchange service lines equipped with line hunting in the same central office control group where the automatic message link equipment and data link terminates. Customers must have a data link to each central office control group where client lines are resident.
2. Customers must provide equipment compatible with the modem in the Company central office in order to transmit and receive the necessary data between the central office and the customer premises.
3. Customers are responsible for providing message desk equipment on their premises.
4. The customer and client must be served from the same central office control group.
5. When the customer utilized the message waiting indication feature, the customer's clients' lines must be programmed to accept the message waiting indication.

4.11.3 Inter Switch Voice Messaging (ISVM)

- A. Inter-Switch Voice Messaging is an optional enhancement to SMDI subject to the availability of both SMDI and ISVM facilities. Unless otherwise specified herein, the regulations, rates and charges for ISVM apply in addition to the regulations, rates and charges for SMDI.
- B. ISVM utilizes the SS7 network to pass calling and called number information between central offices. With ISVM capability, the customer is not required to obtain a data link to each central office control group where client lines are resident. With ISVM, the customer can provide messaging capability to all end users in a LATA, provided those end users reside in central offices that are interconnected via SS7 and are equipped with the required software. ISVM requires SMDI between the customer's equipment and at least one central office.
- C. Responsibility of the Company
 1. The Company will determine the central office and transmission facilities to be used to provide service.
 2. Signaling, control and data communication protocols are defined by the Company and the Company retains the right to change these protocols.
- D. Responsibility of the Customer
 1. The integrity of the customer's database information is solely the responsibility of the customer.
 2. Unauthorized Use—Customers are not authorized to sell or offer for telemarketing purposes or other unauthorized purposes, a list of telephone numbers acquired or compiled by using this service.
- E. Liability
 1. The Company assumes no liability for the loss of stored messages or other information attributed to a failure of its facilities and equipment.

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2. The Company assumes no liability for any errors, misdirected calls or misdirected message waiting indications resulting from problems with the customer's database.

4.11.4 Application of Rates and Charges

- A. Data Link – A minimum of one data is required between the serving central office and the customer's premises. Rates and charges applicable for compatible Part B analog private line or Part C digital private line dedicated transmission facilities will apply.
- B. In addition to the feature establishment NRC, appropriate service charges apply.
 1. An S&E charge applies to equip a client's line with the capability to receive the message waiting indication.
- C. In addition to the monthly rate for central office automatic message link equipment, standard rates and charges for business main telephone exchange service or Centrex service apply as appropriate.

Distinctive Ring

4.12 Distinctive Ring

4.12.1 Description

- A. Distinctive Ring enables a customer to have up to three separate telephone numbers (one main telephone number and two additional telephone numbers) associated with one exchange access line. Each telephone number has a distinctive ring on incoming calls to allow for identification of the incoming call. A distinctive Call Waiting tone for each additional telephone number is provided to customers also subscribing to Call Waiting.
- B. Distinctive Ring is available to one-party residence or business main telephone exchange service customers served by a suitably equipped central office subject to the availability of facilities.
- C. Distinctive Ring is not offered with PBX trunk service, lines equipped with hunting arrangements, access lines terminating in customer premises switching equipment, foreign exchange and foreign central office services.
- D. Distinctive Ring is offered as follows.
 - 1. Package I – Consisting of one additional telephone number associated with a single line.
 - 2. Package II – Consisting of two additional telephone numbers associated with a single line.
- E. All telephone numbers associated with an exchange access line equipped with Distinctive Ring must be served by the same central office.
- F. Distinctive Ring may not be compatible with some types of customer provided telephone equipment.

4.12.3 Application of Rates and Charges

- A. One Time Charges
 - 1. A one time charge applies to change Call Forwarding arrangements subsequent to the establishment of Distinctive Ring.
 - 2. The one time charge applies if Distinctive Ring is ordered subsequent to the installation of a network access line. It does not apply if Distinctive Ring is ordered during the 90 day period when the serving central office is being equipped with facilities to provide the service.
 - 3. The one time charge applies to change from Package I to Package II subsequent to the establishment of a network access line.

Custom Redirect Service

4.14 Custom Redirect Service

4.14.1 Description

- A. Custom Redirect Service (CRS) enables business customers to redirect all or a part of their incoming switched voice and data calls to other telephone numbers. The redirection may be on a permanent basis, automatically according to predetermined parameters, and/or upon command by the customer. This service may be used in the event of a communications failure, cable cut, fire, flood or any other event requiring calls to be handled from alternate telephone numbers or an alternate location.
- B. CRS offers three options per group with the basic service. The first option is usually a basic redirect to the dialed number. The customer may designate that the basic redirection feature be used in each of the options or, the customer may select a CRS optional feature as described herein.
- C. Standard Features
 - 1. Equipped Number – is the subscriber’s called telephone number that has CRS.
 - 2. Group – is the collection of equipped telephone numbers that will be redirected in the same, way, at the same time. If the customer requests redirection then all telephone number within that group will be redirected. Every group must have the same optional features in each of the options. For example, if the option column has time-of-day redirection, then the times that the numbers are redirected are the same for all the numbers in that group. The actual telephone numbers that the calls are redirected to do not have to be the same. For all options, the telephone number that the calls are redirected to may be different.
 - 3. Option Column – is a table of telephone numbers that are treated the same. CRS has three option columns per group with the basic service. Up to six additional option columns may be provisioned as an enhancement. Only one option is active for a group at any given time. For example, in a particular group the first option may be the original dialed number, the second option may be the home telephone number, and the third option might be a telephone number in an affiliate office in another city. If option two were selected (i.e., “active”), all telephone numbers would be redirected to the respective telephone number in option column two.
 - 4. Redirecting Telephone Number – has no office equipment associated with it and is to be used solely for the purposes of redirecting call traffic from the telephone number dialed to the CRS customer’s intended destination.
 - 5. Modification of Options – When the customer elects to redirect calls, the customer calls into the Company platform using a touch-tone telephone. Upon reaching the platform, the customer must pass through a series of security blocks to get into the system. Calls may also be redirected by calling a live attendant, who, after verifying security information, will establish the redirection of the calls. After authorization is confirmed,

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the customer specifies which group and which option the customer wishes to activate. A group may be a floor, department, building, or some other customer-defined list of numbers. These groups are pre-assigned upon the establishment of the service. The customer may call in to have the active option modified as frequently as desired. When calls are terminated to any number other than the originally dialed number redirection charges will apply.

D. Optional Features

1. Time-of-Day/Day-of-Week Redirection – allows customers to redirect the customer's calls to another location at predesignated times. The system will automatically route these calls until the customer changes the specifications. This will allow the customer to use a single office to perform the work of many locations during the off-peak hours. Time-of-Day/Day-of-Week Redirecting may be used with any of the option columns. If this feature is used in more than one option, the optional feature charge applies to each option utilizing the feature.
2. Percentage Redirection – allows customers to direct 20% of the incoming calls to location A, 30% to location B, and 50% to location C. The customer may choose the quantity of locations and the actual percentages, up to ten percentages, to be redirected but the total must always equal 100%. The Percentage Redirection feature may be used with any of the option columns. If this feature is used in more than one option, the optional feature charge applies to each option utilizing the feature.
3. Auto-Attendant Redirecting – As an optional feature, the Company will load a customer defined Company-approved pre-recorded message. After incoming callers hear the message, they may be disconnected, or transferred without requiring a response, or the caller may be prompted to enter a "1", "2", or "3" on their touch-ton pad. The call will then be redirected to a telephone number that the customer designated for the selection. The customer may select up to three redirect choices for each equipped number. The Auto-Attendant Redirecting feature may be used with any of the option columns. If this feature were used in more than one option, the optional feature charge would apply to each option utilizing the feature.
4. Number Identification Redirecting – allows the customer to redirect calls based upon the originating telephone number, NXX, LATA, or NPA of the incoming caller. This allows the customer to direct particular callers to specific numbers, based upon their telephone number. If an incoming caller's number is on the list, the call will be redirected to the "on-list" number. If the incoming caller's telephone number is not on the list, the call may be completed as dialed. The customer may have as many numbers as desired on the list. The customer will be billed for each 100 numbers or any fraction thereof. Number identification redirecting may be used with any of the option columns. If this feature is used in more than one option, the optional feature charge applies to each option utilizing the feature.
 - a. Number Identification may not be used to pass the calling party's number to the customer.

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5. Single Number Designation Service – This feature allows customers to redirect an entire group to a single number provided at the time of activation. At the time of provisioning, customers must designate an interexchange carrier of their choice to carry the redirected traffic.
6. Custom Applications – In addition to the optional features offered in this tariff, custom applications to modify the query response may also be provisioned. Custom applications such as the inclusion of a single table or single field manipulation in the call processing record to meet a specific customer’s needs are available.

E. Enhanced Features

1. SuperGroups – The customer may organize its groups into SuperGroups. A SuperGroup allows the customer to modify the active option of multiple groups at the same time. For example, if groups 101, 102 and 105 belong to SuperGroup 001, setting SuperGroup 001 to option 3 would set 101, 102 and 105 to option 3.
 - a. When a group belongs to multiple SuperGroups, the active option defaults to the last option set. Using the example with SuperGroup 001 preceding and an additional SuperGroup 002 which contains groups 103, 104 and 105; if after SuperGroup 001 is set to option 3, and Super Group 002 is set to option 2, then group 105’s active option would be set to option 2.
2. Alternate Central Office Triggers – The ability to place triggers in central offices, other than the original terminating central office, allows customers to redirect from the office in which the call originates without requiring the call to complete to the terminating central office. In the event that the terminating central office is out of service, the customer’s CRS may be activated, and all calls processing in an office with an alternate central office trigger will be redirected per the current active option at that time.
 - a. Allowing triggers to be placed in more than the terminating central office may increase the query volumes processed because a portion of the calls may actually be processed by more than one office. The customer’s group charges would reflect the increased query volume.

- F. Custom Transactions – Occasionally, customer may require a one-time effort related to their CRS. This may include the generation of a special report, out-of-hours programming support for testing, or other special handling of the service that was not included in the rate development for the service. A Custom Transaction Charge will apply to recover costs associated with these special requests.

4.14.4 Application of Rates and Charges

A. Nonrecurring Charges

1. Service Equipment – applies to new orders of CRS. If a customer is modifying the existing order, including adding additional numbers or adding a SuperGroup, the Rearrangement charge applies. The addition of a new group, or a request for additional security forms, will result in a Service Establishment Charge.

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2. Rearrangement Charge – Applies to each rearrangement. This is in addition to any normal service order charge. Each change to an equipped number will result in a nonrecurring charge for each equipped number impacted.
 3. Password Initialization – This charge applies each time, after service establishment, that the customer requests that the Company reinitialize the pass code to the default pass code or is requested to modify existing security profiles.
- B. Standard Features
1. Equipped Number Charges – A monthly rate, in addition to a nonrecurring charge, applies for each equipped number. The monthly rate per number will be based on the quantity of equipped numbers within the group customer's account. In addition to the monthly rate, a nonrecurring charge will apply to each number that CRS is installed on.
 2. Group Charges – A monthly rate, in addition to a nonrecurring charge, will apply for each group of equipped numbers the customer designates. The monthly rate will be based on the estimated monthly volume of queries expected by the equipped numbers. A query is launched to the AIN database when a trigger is encountered. In basic implementations, query volume is equal to the call volume. As enhancements to the call processing logic are needed and additional triggers placed, the query volume may exceed the call volume.
 3. Redirecting Telephone Numbers – A monthly rate and a nonrecurring installation charge for each telephone number assigned that will be used solely for the purpose of provisioning CRS applies.
- C. Optional Features – Each group may have up to three options for the basic rate, however, up to six additional options may be provisioned for an additional cost.
1. Time of Day/Day of Week – A nonrecurring charge will apply at the time of the establishment of this feature and a flat monthly rate will be billed for each option with this feature. For changes made by the Company on behalf of the customer, rearrangement charges will apply.
 2. Percentage Redirecting – A nonrecurring charge will apply at the time of the establishment of this feature and a flat monthly rate will be billed for each option with this feature. For changes made by the Company on behalf of the customer, rearrangement charges will apply.
 3. Auto Attendant Redirection – Due to the custom nature of this feature, pricing will be developed for each application on an Individual case Basis.
 4. Number Identification Redirection – A monthly rate and a nonrecurring charge will apply for the first 100 telephone numbers listed for Number Identification Redirecting. Each additional 100 numbers or fraction thereof, will incur a nonrecurring charge and a monthly recurring charge.

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5. Single Number Designation – A nonrecurring charge and monthly rate will apply for each group on which this feature is ordered.
 6. Custom Applications – A nonrecurring charge will apply for the establishment of each custom feature and a flat monthly rate will be billed for each option with this feature. For changes made by the Company on behalf of the customer, rearrangement charges will apply.
- D. Enhanced Features
1. SuperGroups – A nonrecurring charge will apply for the establishment of this feature and a flat monthly rate will be billed for each group with this feature. For changes made by the Company on behalf of the customer, rearrangement charges will apply.
 2. Alternate Central Office Trigger – A nonrecurring charge will apply for the establishment of this feature and a flat monthly rate will be billed for each central office in which the trigger is placed. For changes made by the Company on behalf of the customer, rearrangement charges will apply.
- E. Custom Transactions – A nonrecurring charge will be determined on an individual case basis prior to the transaction.
- F. Termination Liability – A twelve-month termination liability will apply. If CRS is cancelled prior to the twelve-month period, the full monthly rate for each remaining month, or part thereof, will be charged. Changes to the original configuration shall not constitute a cancellation as long as the total number of CRS equipped telephone numbers has not decreased.
- G. Five Year Contract – Customers with more than 500 lines provisioned may choose to sign a five-year contract, which will lower the monthly line rate. In the event the customer wishes to terminate the service prior to the end of the commitment period the rate will be recalculated to the monthly-to-month rate and the twelve-month termination liability will apply.

Message Toll Service

5.1 Message Toll Service

This service provides direct dialed calling between local service areas. Callers must dial 1+ (area code) + destination telephone number. Service is offered on both a Customer dialed an operator dialed basis for each of the following classes of calls.

- Station-to-Station
- Calling Card
- Collect or Third Number Billed
- Person-to-Person
- Coin Paid Station-to-Station

Calls are billed in full minute increments with a minimum call duration of one minute.

5.1.1 Customer Dialed Classes of Service

1. Station-to-Station Service rates apply to a call that is dialed and completed by a Customer without the assistance of an operator. An operator may be used to place a call for a calling party who identifies him/herself as being handicapped and unable to dial because of the handicap.
2. Calling Card Service rates apply to a call that is dialed by a Customer in accordance with the standard dialing instructions and billed to a calling card number. The services of an operator are not used to dial the called party, with the exception noted above. An operator may be used to place a call for a calling party who identifies him/herself as being handicapped and unable to dial because of the handicap.
3. Collect of Bill to Third Number Service rates apply to a call which is dialed by the Customer and billed to the called party or to a third number with operator assistance. An operator may be used to place a call for a calling party who identifies him/herself as bring handicapped and unable to dial because of the handicap.
4. Collect or Bill to Third Number Mechanized Service rates apply to a call which is dialed by the Customer and billed to the called party or to a third party number through interaction with mechanized system. An operator may be used to place a call for a calling party who identifies him/herself as being handicapped and unable to dial because of the handicap.
5. Person-to-Person Service rates apply to ca call where the person originating the call dials the call number and specifies to the operator a particular person, station, department, or office to be reached or an agreed upon alternative.

6. Coin Paid Station-to-Station Service rates apply to a station-to-station call dialed by the Customer where the money for the initial period is deposited in a pay telephone coin box.

5.1.2 Operator Dialed Classes of Service

1. Station-to-Station Service rates apply to a station-to-station call when the operator dials the called telephone number, or to calls which involve a request for information relating to the billing or charges for a call. The same exception for Customers with handicaps as noted in Section 2 apply.
2. Calling Card Service rates apply to a call that is dialed by the operator and billed to a calling card. The same exception for Customers with handicaps as noted in Section 2 apply.
3. Collect or Bill to Third Number Service rates apply to a call which is dialed by the operator and billed to the called party or to a third number. The same exception for Customers with handicaps as noted in Section 2 apply.
4. Person-to-Person Service rates apply to a called dialed by the operator where the person originating the call specifies a particular person to be reached or a particular station, department or office, or an agreed upon alternative. The same exception for Customers with handicaps as noted in Section 2 apply.
5. Coin Paid Station-to Station Service rates apply to a station-to-station call which is dialed by the operator where the money for the initial period is deposited in a pay telephone coin box. The same exception for Customers with handicaps as noted in Section 2 apply.

Outward Firm Rate Plan (OFRP)

5.2 Outward Firm Rate Plan (OFRP)

The OFRP is an Optional Calling Plan available to business Customers. It is intended to provide rate stability to eligible Customers. Customer commit to a minimum amount of MTS usage over 12, 24 or 36 months. Individual Customer usage amounts covered by the service agreement are based on the Customer's actual usage, but in no case will the commitment be for less than 2,400 hours of annual usage.

The OFRP applies to Customer dialed station-to-station MTS usage originating from a single Customer location and billed to the same Customer and MTS usage placed using a calling card billed to that Customer's account.

The service agreement specifies an amount of annual MTS usage the Customer wishes to include under the OFRP. The amount of usage that is subject to rate protection as provided herein is the selected level of usage, plus or minus 25%. The Customer may revise the amount of usage subject to the OFRP once per year provided that the new usage amount selected by the Customer is no less than 2,400 hours of annual MTS usage. The new level of usage will constitute the annual usage commitment, subject to annual review.

The Company will review the Customer's actual usage annually. If the Customer's actual hours of MTS usage for the annual review period fall below 75% of the annual usage commitment specified in the service agreement, the Customer shall pay to the Company within 30 days, an amount equal to the MTS charges that were not imposed by the Company. In the case of a multi-year service agreement, the Company may terminate the agreement immediately if there is a billing for additional charges as provided herein. If the service agreement includes an annual usage commitment under the Inward Firm Rate Plan, the actual hours of MTS and calling card usage combined with the actual hours of toll free service must be no less than 25% below the combined total commitment hours.

5.2.1 Termination

A Customer may terminate the agreement by providing 60 days prior written notice of termination to the Company. If the Customer terminates the agreement prior to the expiration of its term, the Customer shall pay to the company, within 30 days, an amount equal to the MTS charges that were not imposed by the Company. Additional charges apply on a full billing period basis. If termination occurs during the middle of the Customer's billing period, the Company will not prorate the monthly usage amount.

5.2.2 Relocation

When the basic exchange telecommunications service associated with the OFRP is relocated to a different premises served by the same or a different central office, existing arrangements for OFRP remain unchanged.

5.2.3 Transfer of Service

If a Customer transfers business telecommunications service to another Customer at a location that is subject to an existing OFRP, the new Customer may assume the OFRP at that location in conjunction with the transfer of service, provided that written notice of the assumption, signed

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by both Customers, is given to the Company. The new Customer assumes, for the remainder of the term of the service period, all conditions applicable to the OFRP at the time of transfer, including the usage commitment set forth in the service agreement and any additional charges resulting from a failure to achieve the usage commitment. For the purpose of determining whether the usage commitment has been satisfied, the usage of the Customer transferring service shall be considered for the applicable annual period. A S&E service ordering charge for other changes, payable by the new Customer, applies for this change.

5.2.4 Application of Rates and Charges

Charges are based on actual usage at the MTS rates.

The Customer subscribes to an amount of hours during the service period specified in the individual Customer service agreement. During the OFRP service period, charges applicable to the Customer's MTS usage are not subject to a Company initiated increase. Rate protection applies only to Customer dialed station-to-station MTS usage originating from single Customer locations and billed to the same account and MTS usage placed using a calling card billed to that account.

Additional hours used up to 25% over the commitment account are subject to the rate protection as stated above. Additional hours used over 25% of the commitment amount are subject to current tariff MTS rates and are not subject to rate protection.

An S&E charge will apply to establish the OFRP. If established at the same time as the Inward Firm Rate Plan, only one S&E charge would apply.

DSCI Link Service

5.3 DSCI Link Service

DSCI Link is an optional calling plan for business Customers that provides discounts on qualifying usage charges billed to a Billed Telephone Number (BTN), for usage services provided by the Company.

A business BTN is eligible for the plan if the total billed charges for qualifying usage in a month is \$10.00 or more. The plan is implemented in the first full billing period following the Customer's request to enroll in the plan. A S&E charge will not apply to establish this plan.

Qualifying usage consists of:

- a) Directly dialed local and MTS calls, including operator assisted calls where direct dialing is not available
- b) Toll Free Service Calls
- c) Customer dialed calling card calls.

5.3.1 Volume Discounts

A discount will be applied each month of the Customer's qualifying usage charges for each BTN. The applicable percent discount will be determined by the total amount of monthly billed qualifying usage. For purposes of computing the discount level, each month's total qualifying usage for each BIN at a single location are grouped into one of the four tiers.

5.3.2 Bonus Credits

Customer will receive an additional deferred discount on the amount of discounted qualifying usage charges, in the form of credits. A specified credit amount will be awarded for every dollar of discounted qualifying usage.

Bonus credits may only be redeemed 12 months after they have been earned. Bonus credits may be applied to the Customer's usage bill. Credits eligible for redemption that have not been redeemed within two years after the month in which they are eligible for redemption will be forfeited.

5.3.3 Service Agreement

A Customer that signs a service agreement to participate in the plan for 36 months will earn two bonus credits for each dollar of discounted qualifying usage. However, if the Customer's qualifying usage declines to 20% less than their average historical monthly usage in any two months, for any reason other than external, negative business impacts the service agreement will be terminated.

Termination of the service agreement will result in forfeiture of all bonus credits not yet eligible for redemption. Average historical monthly qualifying usage will be defined by the Customer's first six (6) months of qualifying usage on the plan. At the end of the 36 month period, the service

agreement will be automatically renewed for another 36 months, unless the Customer notifies the company to the contrary.

5.3.4 Termination

Customers may terminate participation in the plan at any time. No previously applied discounts will be affected by Customer termination and no termination charges will apply. The termination will go into effect in the first full billing period following the billing period in which the company receives termination notification from the Customer.

All bonus credits that have not been redeemed will be forfeited. If a Customer chooses to leave the plan, the Customer will forfeit credits earned during the 12 months prior to termination.

Toll-Free Services

1.10 Toll-Free Services

- 1.10.1 The Company will make every effort to reserve toll-free (i.e., 800/888) vanity numbers for Customers, but makes no guarantee or warranty that the requested number(s) will be available.
- 1.10.2 The Company will participate in porting toll-free numbers only when all charges incurred as a result of the toll-free number have been paid.
- 1.10.3 Toll-free numbers shared by more than one Customer, whereby individual Customers are identified by a unique Personal Identification Number, may not be assigned or transferred for use with service provided by another carrier. Subject to the limitations provided in this tariff, the Company will only honor Customer requests for a change in Responsible Organization or toll-free service provider for toll-free numbers dedicated to the sole use of that single Customer.
- 1.10.4 If a Customer who has received a toll-free number does not subscribe to toll-free service within thirty (30) days, the Company reserves the right to make the assigned number available for use by another Customer.

Basic Toll Free Service

6.1 Basic Toll Free Service

6.1.1 General

Basic Toll Free service provides for dial-type communications between a toll free access line (e.g. 800/888) and exchanges by this Company and by participating companies within the LATA in the State of Rhode Island. Dial-type communications is a dialed call received by the Customer over a toll free service access line, or if its facilities are not available for dial completion from a station, a call placed with an operator by giving the calling telephone number and the Customer's toll free service access line number.

Basic Toll Free Service permits calling in one direction only, via an access line, from all exchanges within a LATA. A toll free service access line, connecting the Customer's premises and a Company central office, is provided for receiving toll free service calls. Toll free service access lines provided on the same premises of a Customer are arranged as service groups. A service group consists of one line or two or more lines in a multi-line sequence arranged for line hunting.

Basic Toll Free Service may be furnished on the same premises of a Customer with either measured or unlimited main telephone exchange service.

6.1.2 Limitations

1. Basic Toll Free Service is not represented as adapted for connection to other services of the Company except as specified in this Section and in Section 7 - Remote Call Forwarding Service.
2. Toll Free Service does not include person to person, collect, conference, or other calls requiring operator handling.
3. Service may be furnished only when and for so long as the Customer subscribes to a sufficient number of access lines to adequately handle the volume of telephone calls received, without interfering with any of the services offered by the Company.

6.1.3 Temporary Suspension of Service

Toll Free Service is not subject to a temporary suspension of service arrangement.

6.1.4 Service Interruption

Credit is given for interruption to an access line of 24 consecutive hours or more. An interruption to an access line not due to the negligence of the Customer is credited at one-thirteenth of the monthly charge for the access line for each 24 hours or any fraction thereof of interruption.

MTS furnished at the calling party's request, if Toll Free service is interrupted, is charged for at MTS rates.

6.1.5 Resale and Sharing

800 service may be resold or shared by business Customers, subject to the general regulations specified in Part A.

6.1.6 Minimum Service Period

The minimum service period is one month.

6.1.7 Directory Assistance

Initial and Additional Directory Listings may be provided with Basic Toll Free Service in accordance with this Tariff.

6.1.8 Application of Rates and Charges

1. Timing of Calls - Except as otherwise specified herein, timing begins when connection is established between a telephone associated with a toll free service access line and the calling telephone and ends when the calling telephone hangs up, thereby releasing the network connection. If the called telephone hangs up, but the calling telephone does not, timing ends when the network connection is released by automatic timing equipment in the telecommunications network.
2. Channels for Additional Termination of Access Lines - For additional terminations between points in the same exchange but not on the same premises, or additional terminations between points different exchanges within a LATA, rates and charges apply for a Private line Type 2001A intraexchange/interexchange channel.
3. Service charges apply in addition to the Toll Free service dial tone line and usage charges.

6.1.9 Determination of Usage Charges

IntraLATA usage charges are determined in accordance with the following steps:

1. Determine the total number of calls for each access line billed to the same account.
2. Determine the total actual seconds used for the access line(s) in a service group; divide by 60; and if the number of minutes results in a fractional part of a minute, round to the next higher minute.
3. The applicable charges equal the number of calls determined, multiplied by the per message charges for Toll Free Service, plus the number of minutes determined multiplied by the per minute charge for Toll Free Service.

Advanced Toll Free Service

6.2 Advanced Toll Free Service

6.2.1 General

Toll Free service is available to Subscribers for incoming calls from stations located in the 122 LATA to a telephone number associated with the Customer's local exchange service in the same LATA. Calls originating outside of the LATA in which the Customer is located will be denied access to the called number. Call charges are billed to the Subscriber rather than to the originating caller.

Service is available where facilities permit.

Advanced Toll Free service does not include person to person, collect, conference or other calls requiring operator handling. Service may be furnished only when and for so long as the Customer subscribes to a sufficient number of access lines to adequately handle the volume of telephone calls received, without interfering with any of the services offered by the Company.

6.2.2 Minimum Service Period

The minimum service period is one month.

6.2.3 Optional Features

Call Detail provides the date, time, calling number, duration and originating exchange of each call to the Customer's number, where suitable facilities exist.

6.2.4 Application of Rates and Charges

The rates for Advanced Toll Free Service consist of monthly rates and usage charges that apply to toll free number. For usage charges, the charges per tenth of an hour is one tenth of the hourly rate.

In addition to the rates and charges for Advanced Toll Free Service, main telephone exchange service rates and charges apply.

A discount is applied to the cumulative monthly billing above \$60.00, for all Advanced Toll Free number associated with a billing telephone number. A discount does not apply when the total monthly billing is less than \$60.00.

Service charges apply as appropriate to establish Advanced Toll Free Service and Call Detail. Service charges apply as appropriate, to change the local exchange telephone number and the toll free telephone number associated with advanced Toll Free Service.

6.2.5 Determination of Usage Charges

Usage is subject to a minimum average time requirement, which represents the minimum average length of calls completed during a billing period. When the average length per call during each billing period is less than the minimum average time requirement, billing will be

based on the actual number of calls and the time requirement. The monthly usage charge is calculated in accordance with the following steps:

1. Determine the total amount of completed calls for each number for Advanced Toll Free Service.
2. Determine the equivalent hours used by multiplying the total amount of completed calls by the minimum average time requirements of 30 seconds (a call = .5 minutes) and dividing by 60 minutes.
3. Determine the total actual hours used for each number. Fractional parts of hours are measured in tenths of an hour.
4. The total chargeable usage hours for each number will be whichever is greater - equivalent hours of actual hours, rounded to the nearest tenth of an hour.
5. The total usage charge for each number is calculated by multiplying the chargeable hours by the usage hourly charge for Advanced Toll Free Service.

Toll Free Call Management Features

6.3 Toll Free Call Management Features

The following Call Management Features are available with Toll Free Service, and Advanced Toll Free Service, where facilities permit.

6.3.1 Alternation Call Routing - allows a Subscriber to terminate the toll free number at multiple terminating locations based on various parameters that identify where and when a call originates. Subscribers may select routing of the calls by:

Time of Day/Day of Week - allows the subscriber to determine where calls will be routed at any given point in time, either to one of several destinations or to several interexchange carriers.

Originating Area Code and NXX - allows a Subscriber to determine how calls will be routed based on where calls originate.

Specific Date - allows the Subscriber to develop an alternate routing configuration based on the date the call is made, or on the date the Subscriber specified (for example, holiday or weekend).

Allocation to Terminating Location by Percentage of Calls - allows a Customer to redistribute or balance calling volume among terminating locations.

Multiple Interexchange Carriers - allows a Subscriber to route calls to multiple interexchange carriers based on the calls originating point, time of day/day of week or on an allocation basis.

6.3.2 Emergency - allows a Subscriber to create an inactive alternate routing arrangement as part of the Subscriber record to be activated in the event of an emergency. Within 5 minutes of notification by the Customer, the Company will activate the emergency alternate routing arrangement in the Customer data base record. If the Company fails to activate the emergency alternate routing arrangement within 5 minutes, the emergency update service and equipment charged is waived and the Company will also apply a credit to the Customer's bill in the amount equal to the Advanced Toll Free monthly rate. Timing begins after identification and verification of a Customer's alternative route. There is a non-recurring charge for each activation.

6.3.3 Call Data Reports - available subject to capacity limitations, allows the Customer to obtain sampled information about calls made to the toll free number. The reports can contain such information as the originating NXX, time, number of calls completed versus attempts, etc. Customers are allowed one call data report (either summary or raw data format) at no charge. Additional reports will be provided at a charge. Summary reports provide formatted results at a high level of detail and are available only on printed media. Raw Data reports provide all the details of the call for a time period specified by the Customer, and are available on printed media or magnetic tape.

Inward Firm Rate Plan (IFRP)

6.4 Inward Firm Rate Plan (IFRP)

The Inward Firm Rate Plan (IFRP) is an Optional Calling Plan available to business Basic Toll Free Service and Advanced Toll Free Service Customers. Customers commit to a minimum amount of toll free service usage over 12, 24, or 36 months and are protected against a Company initiated increase of toll free service rates during the service agreement period. Individual Customer usage amounts covered by the service agreement are based on the Customer's actual usage but in no case will the commitment be for less than 1,200 hours of annual usage. The IFRP is intended to provide rate stability to eligible Customers.

The service agreement specifies an amount of annual usage that the Customer wishes to include under the IFRP. The amount of usage that is subject to rate protection as provided herein is the selected level of usage plus or minus 25%. The Customer commits to a number of hours during the service period specified in the individual Customer service agreement. Additional hours up to 25% over the commitment amount are subject to the rate protections. Additional hours used over 25% of the commitment amount are subject to current tariff rates for Basic Toll Free Service and Advanced Toll Free Service rates and are not subject to rate protection.

Usage is provided at the rates specified for Toll Free Service or Advanced Toll Free Service provided however, that the rates for usage subject to IFRP service agreement shall not exceed the applicable rates in effect at the time the Customer and Company sign the service agreement, or such lower rates as may apply from their effective date through the balance of the service agreement period.

The Customer may revise the amount of usage subject to the IFRP once per year, provided that the new usage amount selected by the Customer is no less than 1,200 hours of annual usage or no less than 3,600 hours of annual usage combined with an OFRP. The new level of usage will constitute the annual usage commitment for the purpose of the annual review

The Company will review the Customer's actual usage annually. If the Customer's actual hours of usage for the review period fall below 75% of the usage commitment specified in the service agreement, the Customer shall pay to the Company, within 30 days, an amount equal to the charges that were not imposed by the Company.

6.4.1 Discontinuance of Service

A Customer may terminate the agreement by providing 60 days prior written notice of termination to the Company.

If the Customer terminates the agreement prior to the expiration of its term, the Customer shall pay to the Company, within 30 days, the amount equal to the charges that were not imposed by the Company. Additional charges apply on a full billing period basis. If termination occurs during the middle of the Customer's billing period, the Company will not prorate the monthly usage amount.

6.4.2 Relocation of Service

When service associated with the IFRP is relocated to a different premises serviced by the same or a different central office existing arrangements for IFRP remain unchanged.

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6.4.3 Transfer of Service

If a Customer transfers business telecommunications service to another Customer at another location that is subject to an existing IFRP, the new Customer may assume the IFRP at that location in conjunction with the transfer of service, provided that written notice of the assumption, signed by both Customers, is given to the Company. The new Customer assumes, for the remainder of the term of the service period, all conditions applicable to ORP at the time of transfer, including the usage commitment set forth in the service agreement and any additional charges resulting from a failure to achieve the usage commitment. For the purpose of determining whether the usage commitment has been satisfied, the usage of the Customer transferring service shall be considered for the applicable annual period. A S&E service ordering charge for other changes, payable to the new Customer, applies for this change.

1.544Mbps Digital Service

7.1 1.544 Mbps Digital Service

7.1.1 Description

- A. 1.544 Digital Service is provided on a two point basis only between the following locations:
 - 1. Customer designated premises.
 - 2. A customer designated premises and a Company designated central office.
 - 3. Company designated central offices.
- B. 1.544 Digital Service is provided only where facilities are available and is subject to the technical limitations of the digital equipment used by the Company as set forth in the PUB 62411 and TR-NPL-000054.
- C. 1.544 Digital Service consists of tow point digital channels and equipment which provide for simultaneous two-way transmission of serial, bipolar, return to zero, digital signals at a transmission speed of 1.544 Mbps.
- D. 1.544 Digital Service is designed to provide an average performance of at least 98.75% error-free seconds of transmission measured over a continuous 24 hour period.
- E. 1.544 Digital Service is furnished on a full-time basis, 24 hour a day, seven days a week.
- F. Central Office (CO) Multiplexing may be provided from suitably equipped multiplexing hubs. The customer is responsible for the assignment of individual channels within the multiplexer and for maintaining records of those assignments. Customer provided multiplexing equipment must conform with the electrical requirements for channel units specified in PUB 43801 and CB 119.
 - 1. The 1.544 Mbps channel is provided with a local distribution channel(s) and an interoffice channel, local distribution channels only, or, an interoffice channel between two Company designated central offices.
 - 2. The central office multiplexing capability is provided by a central office multiplexer at designated multiplexing hubs which converts a 1.544 Mbps channel to 24 channels for use with voice grade services and/or analog data services or to 24 channels for use with digital service.

7.1.2 Service Functions

Service functions are optional features or arrangements that are available for use with 1.544 Mbps Digital Service.

- A. Central Office Multiplexing DS1 to Voice allows for up to 24 individual voice grade or analog data private lines on a channelized basis for use with a 1.544 Mbps circuit. This

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function is offered for the same customer at multiplexing hubs. The voice grade private lines provided are as follows:

1. Private line analog data.
 2. Private Branch Exchange (PBX).
 3. Station Off-Premises (SOPs).
 4. PBX tie lines.
 5. Centrex tie lines.
 6. SOPs and foreign exchange.
- B. Central Office Multiplexing DS1 to Digital allows for up to 24 hours individual digital private lines to be derived from 1.544 Mbps circuit. This function is offered for the same customer at multiplexing hubs.
- C. Clear Channel Capability (CCC) provides a bipolar with eight zero substitution (B8ZS) encoding technique that allows a customer to transport 1.536 Mbps information rate signals over a 1.544 Mbps Digital Service circuit with no constraint on the quality or sequence of ones (mark and zero (space) bits. This arrangement allows customers to derive 64 kbps clear channels. This service is provided only on 1.544 Mbps Digital Service between two customer designated premises and is subject to the availability of facilities. This arrangement requires that customer provided multiplexing equipment to be compatible with the B8ZS line code as specified in TR-NPL-00054 and PUB 62508.
- D. Alternate Serving Wire Center provides 1.544 Mbps Digital Service over an alternate route to a suitable equipped serving wire center other than that normally serving the customer's designated premises. This option is not available at all locations and where available, the Company will designate the service wire center to be used.
1. The mileage used to determine the monthly rate for distance sensitive local distribution channels required with this option is based on the airline distance directly between the customer's designated premises and the normal service wire center for that premises as described in Section 2. The mileage used to determine the monthly rate for interoffice channel mileage is based on the normal serving wire center associated with the customer's designated premises as described in Section 2.

7.1.3 Regulations

7.1.3.1 Minimum Period

- A. The minimum service period is three months

7.1.3.2 Applications of Rates and Charges

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- A. Service Charges apply as appropriate, in addition to the nonrecurring charges for service.
- B. Interoffice Channels - For basic service interoffice channels when the interoffice channel is installed without an associated local distribution channel, the nonrecurring charge applies, per interoffice channel.
- C. Optional Features
 - 1. For central office multiplexing DS1 to Voice, rates and charges for voice grade connections from the central office multiplexer for Private Line Types 2001A, and 2001B include signaling arrangements. Rates and charges for conditioning for Private Line Series 3000 analog data voice grade connections are explained in Section 20.
 - 2. Rates and charges for voice grade connections from the central office multiplexer to a customer premises or a foreign exchange service in a different serving central office are provided as Private Line Series 2000 and 3000 channels.
 - 3. For central office multiplexing DS1 to Digital, rates and charges apply for digital private line connections from the central office multiplexer to a customer premises.
 - 4. Central office multiplexing non-OPP monthly rates are only available to existing customers at their present location in the same or lesser quantities and area and are no longer available to customers ordering central office multiplexing after August 15, 1997.
- D. The local loop component 1.544 Mbps Digital Service may be purchased under the terms and conditions on Integrated Access Service as described in Part C, Section 6 of this tariff. In such cases, Integrated Access Service local loop transport will be provided in lieu of 1.544 Mbps digital Service Local Distribution Channel, and may be connected to a 1.544 Mbps Digital Service LDC, a 1.544 Mbps Digital Service Interoffice Channel, other IAS local loop transport, or other services as required, to provide a complete service. The monthly rates and charges for a 1.544 Mbps Digital Service LDC will apply.
- E. When a customer selects the Integrated Access Service Transport Package 1, 2, or 12 service delivery option, as specified in Part C, Section 6 of this tariff, the rates and charges for the Integrated Access Service Transport Package 1, 3, or 12 Local Distribution Channel will apply in lieu of the rates and charges for the 1.544 Mbps Digital Service LDC.

Switched 56 Kbps Service

7.2 Switched 56 Kbps Service

7.2.1 General

Rates and charges for services explained herein are contained in the Rate Section. Service Charges referred to herein are explained in the Rate Section.

7.2.2 Description

- A. Switched 56 Kbps Service is a digital, end-to-end public switched 56 Kbps service that provides full duplex, synchronous information transport via a specially equipped measured access line.
- B. Switched 56 Kbps Service is provided where suitable facilities are available. The provision of access by the Company to the Switched 56 Kbps Service network is subject to the availability of such facilities and does not create an obligation of the Company to construct facilities.
- C. The customer dials the called number using normal dialing procedures for a local or toll call; only two point connections may be established at any time.
- D. Switched 56 Kbps Service may be used for the transmission of communications to or from any station on the service.

7.2.3 Service Components

- A. Measured Access Line – A two-point measured, switched digital transmission path between the customer's premises and the customer's serving wire center. The Switched 56 Kbps Service measured access line is a nonleaded metallic facility and the provision of this access line is dependent upon the technical and transmission limitations necessary to provide this service which includes a maximum loop length of 18,000 feet between the customer's premises and the serving wire center.
- B. Service Arrangement – An arrangement consisting of a hardware and software located at Company designated Switched 56 Kbps Service wire centers that is necessary to provide 56 Kbps switched service. Service may be provided from other wire centers not equipped for Switched 56 Kbps Service through a remote service arrangement.
- C. Remote Service Arrangement – A two-point digital transmission path between the customer's serving wire center and a Company designed Switched 56 Kbps Service wire center where Switched 56 Kbps Service is available. The mileage for remote service is based on the airline distance using V & H coordinates between the serving wire center and the wire center where Switched 56 Kbps Service is available.
- D. Network Call Usage are the rates applicable for chargeable time which contains the initial period charges or the initial period and overtime charges.

Digital PBX Services

7.3 Digital PBX Services

7.3.1 Description

A. Digital PBX Service provides path from a suitably equipped central office to a customer's digital Private Branch Exchange (PBX), allowing access to and from the exchange and toll network via exchange trunk lines. Dedication Toll Free Service (DTFS) lines and other network access lines, including Direct Inward Dialing (DID) capability.

1. DID permits incoming dialed calls from the network to reach a specific station line of a PBX or other customer premises equipment without the assistance of an attendant. The facilities for the service, which are located in the suitably equipped central office, transmit and receive digital signals to and from switching equipment located on the customer's premises.

a. DID capability is furnished upon the condition that the customer must subscribe to and have available adequate facilities to permit the use of service without injurious effect on general telephone service.

B. Digital PBX Service is furnished subject to availability of facilities not only within a Local Access and Transport Area (LATA). Digital PBX Service may be provided from the subscriber's normal central office, or from a foreign exchange or foreign central office or from a central office with NRS capabilities.

C. Digital PBX Service is offered on a measured service basis and on an unlimited service basis where unlimited PBX service is available, except that unlimited business service is not available to resellers offering a service for public use.

1. No message unit or usage allowance is provided.

7.3.2 Service Components

A. Digital Ports provide and identify up to 24 trunk circuits on a Digital Transport Facility (DTF). A digital port furnishes a group of up to 24 trunk circuits. In this group, there can be DID and non DID exchange trunks, DTFS lines and other network access lines. The subscriber must initially indicate the number of these trunks and lines and their respective locations within each DTF channel.

B. Digital Transport Facility (DTF) is a 1.544 Mbps transmission channel connecting a customer's premises with the serving wire center, which provided two-way transmission of digital signals for a capacity of up to 24 trunk connections.

C. Digital PBX Service DID Telephone Numbers are blocks of 100 consecutive telephone numbers (or fraction thereof) for provision of direct inward dialing.

Analog to Digital (A/D Conversion PBX Service)

7.4 Analog to Digital (A/D) Conversion PBX Service

7.4.1 Description

- A. A/D Conversion PBX service provides a digital path from an analog central office to a customer's digital PBX allowing exchange trunk line access to and from the exchange and toll network. The facilities for the service, which are located in the central office, convert analog signals to digital signals and permit them to be transmitted and received to and from switching equipment located on the customer's premises.
- B. A/D Conversion is furnished subject to the availability of facilities and only within a LATA. A/D Conversion may be provided from the subscriber's normal central office, or from a foreign exchange or foreign central office, subject to the availability of facilities.
- C. A/D Conversion is offered on a measured service basis and on an unlimited service basis where unlimited PBX service is available, except that unlimited business service is not available to resellers offering service for public use.
 - 1. No message unit or usage allowance is provided,

7.4.2 Service Components

- A. A/D Converter provides signal conversion and identification of up to 24 trunk circuits on a DTF.
 - 1. A/D Converter furnished a group of up to 24 trunk circuits. In this group, there can be both DID and non DID exchange trunks and their respective locations within each channel.
- B. Digital Transport Facility (DTF) is a 1.544 Mbps transmission channel connecting a customer's premises with the serving wire center, which provides two-way transmission of digital signals for a capacity of up to 24 trunk connections.

Enhanced Flex Service

7.5 Enhanced Flex Service

7.5.1 Definitions

- A. DS0 describes transmission bandwidth of 64 kilobits per second (Kbps).
- B. 64 Kbps describes a clear channel digital data transmission utilizing the full bandwidth available on a DS0 channel.
- C. Grooming – Enhanced Flex circuits may be groomed at a Hub to allow lower-bandwidth channels to be grouped for higher bandwidth applications.
- D. Service Level Grooming bonds contiguous channels to attain greater transmission speeds.
 - 1. Service Level 4 – bonds four DS0 channels together to attain a 256 Kbps speed.
 - 2. Service Level 6 – bonds six DS0 channels together to attain a 384 Kbps speed.
 - 3. Service Level 8 – bonds eight DS0 channels together to attain a 512 Kbps speed.
 - 4. Service Level 12 – bonds twelve DS0 channels together to attain a 768 Kbps speed.
- E. Voice Grade Connectivity are channels which connect to either intraoffice or interoffice channels to reach a channel termination of a remote customer location or facility of a designated customer representative.

7.5.2 General

- A. Enhanced Flex Service is an intraexchange multifunctional digital service for business customers that provides voice and high-speed data services on an integrated basis over a single high-capacity T1 facility. The service requires channel bank equipment on the customer's premises to terminate the T1 (DS1) facility. The customer premises equipment (CPE) is not part of the regulated service but must be compatible with the equipment in the serving central office of the customer.
- B. Enhanced Flex Service is offered in capacity increments of whole T1 lines, which can be used to transport analog voice grade signals over DS0 channels (64 Kbps capacity). High-speed data signals are available over bonded channels. At the customer's request, the Company will channelize bandwidth and will route voice grade and high-speed data circuits between the customer's premises and the customer's serving central office. The DS1 facility will terminate in a suitably equipped digital hubbing arrangement.
- C. The following types of network services are available on a channelized basis via Enhanced Flex Service:
 - 1. Analog Voice Service (local exchange lines, PBX trunks, Digital Centrex Plus, voice grade private lines).
 - 2. Dedicated Access at speeds of 256 Kbps, 384 Kbps, 512 Kbps and 768 Kbps.

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- D. The Company will, if necessary, further route private line or dedicated services within the same Local Access Transport Area (LATA) between the digital hubbing arrangement in the customer's serving central office and a suitable digital hubbing arrangement in a remote central office. At either the customer's serving central office or the remote central office, the private line or dedicated channels which are terminated in a digital hubbing arrangement can be electronically connected to compatible channels designated by the customer or authorized representative. Initial service activation is required for a DS 1 facility. Additional activity subsequent to the initial installation is required on a DS0 basis if capacity is available.
- E. The voice lines are provisioned with business Touch Tone lines. The customer may select either a Feature Package for any or all 1FB voice DS0s.
- F. Feature Package Component – is a discounted billing arrangement for business customers who subscribe to one of the following Enhanced Flex Service feature packages for a minimum of one year.
 - 1. Package No. 1 – Call Waiting, Call Forwarding and Call Waiting ID with Name
 - 2. Package No. 2 – Call waiting, Call Forwarding and Caller ID with Name
 - 3. Package No. 3 – Call Forwarding, Three-Way Calling and Caller ID with Name
 - 4. Package No. 4 – Call Waiting, Three-Way Calling and Call Waiting ID with Name
 - 5. Package No. 5 – Call Waiting, Call Forwarding, Three-Way Calling and Caller ID with Name
 - 6. Package No. 6 – Call Waiting, Call Forwarding, Three-Way Calling and Call Waiting ID with Name

All features are subject to their individual service regulations specified elsewhere in this tariff.

- G. Both the Enhanced Flex Service feature packages described above and the features that are offered to subscribers of Centrex Plus service, are available to Enhanced Flex Service customers.

7.5.3 Regulations

- A. Enhanced Flex Service is provided subject to the availability of facilities.
- B. Enhanced Flex Service is available on a digital basis at the network interface on the customer's premises.
- C. Enhanced Flex Service arrangements must have at least one DS0 equivalent channel activated. The total number of Enhanced Flex Service Channels activated by the customer may not at any time exceed the total Enhanced Flex Service capacity.
- D. Enhanced Flex Service must be channelized in a single equipment location on the customer's premises. Multiple customer locations must be served by one or more separate DS1 Enhanced Flex System(s).

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- E. Direct Inward Dialing capability is available on PBX trunks at the rates specified in this tariff.
- F. Customer can elect one of three different options at the time Enhanced Flex Service is ordered. The service can be ordered (a) on a month-to-month basis, (b) under a two-year commitment, and (c) under a three-year commitment.
- G. Temporary suspension of service is not available with this service.
- H. Termination Liability – The minimum service period for Enhanced Flex Service is one year. If service is terminated within the minimum service period, the customer is responsible for 100% of the recurring charges for the balance of the minimum service period. In addition, customer who have selected a two-year or three-year service commitment period, are responsible for 30% of the unpaid balance remaining in the selected service period.
 - 1. Customers may convert from a month-to-month, two-, or three-year service agreement, or to a different Enhanced Flex Service package, without incurring a termination liability charge, as long as the service agreement is equal to or greater than the customer's current service period.

7.5.4 Application of Rates and Charges

- A. The Enhanced Flex Service monthly rate includes the monthly rate for the business basic exchange service line and/or the Centrex Plus line.
- B. The monthly rate does not include the monthly rates for optional Enhanced Flex Service feature packages or Centrex Plus features.

Digital Service II (DSII)

7.6 Digital Service II (DSII)

7.6.1 Description

Rates and charges for services explained herein are contained in Section 20.

- A. DSII which is provided where suitable facilities exist, is a digital private line service which provides for simultaneous transmission of digital signals at synchronous speeds of 2.4, 4.8, 9.6, 19.2, and 56 kbps within a Local Access and Transport Area (LATA).
- B. Availability
 - 1. DSII service provided via a two-wire technology connected to UDVM customer provided equipment is available only to customers with service connected prior to September 2, 2001.
 - 2. Rates, charges and volume discounts for two-wire local distribution channels - 2.4, 4.8, 9.6 and 19.2 kbps are available only to customers with service connected prior to September 2, 2001.
 - 3. Customers with service connected prior to September 2, 2001 may retain their service unless their designated premises is moved, they request that the Company hub be changed, or they request a change to the service that results in disconnection of the service. The Company also reserves the right to migrate these grandfathered customers to another comparable service in the event that the existing UDVM electronics cannot be maintained, and agrees to waive the nonrecurring charge associated with that migration.
- C. Service Options
 - 1. Two-Stations Service - This offering may consist of two local distribution channels furnished in the same serving wire center or, two local distribution channels furnished in different serving wire centers requiring an interoffice channel. Local distribution channels must be technically compatible and must have technically compatible Customer Provided Equipment (CPE) at both ends.
 - 2. Multi-Station Service - This service consists of connections of three or more stations from designated serving wire centers and provides the capability to connect multiple stations. All stations must operate at the same transmission speed. Local distribution channels must be technically compatible and must have technically compatible CPE at all ends.
 - 3. Point to Serving Wire Center - This offering consists of a local distribution channel between the customer premises and the customer's serving wire center where DSII capability exists to facilitate connection to another Company service, or, a local distribution channel and interoffice facilities between the

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customer's serving wire center and the serving wire center where another company service is available.

4. Secondary Channel Capability - Channel conditioning, provided from suitable equipped serving wire centers, that permits a DSII channel to be used with a compatible customer provided Data Service Unit which can derive a lower speed secondary channel at a synchronous rate as described in NTR-74380. The secondary channel operates in parallel with the primary DSII channel and is used for diverse network capabilities including, but not limited to, providing a lower speed data channel or access to a network management system to perform on line diagnostics and testing, data monitoring traffic measurement, etc.

D. Service Components

1. Long Distribution Channel - A loop between the customer's premises and the customer's serving wire center where DSII digital service capability exists.
2. Interoffice Channel - A transmission path between serving wire centers where DSII capability is available. The mileage is based on the airline distance using V and H coordinates between the serving wire centers.

7.6.2 Application of Rates and Charges

- A. Service charges apply as appropriate, and are in addition to the charges specified for monthly rates.
- B. Nonrecurring charges do not apply to 84, 120, or 180 month OPPs.
- C. System Conversion - If, for the Company reasons, a system conversion to a DSII system with 400 or more local distribution channels must be completed over a period of time that is greater than the normal interval for the service, the customer will be charged at the DSII rate for the entire system from the completion of the first conversion order.

7.6.3 Termination Liability

- A. If a customer terminates service or cancels an OPP before the expiration of a commitment period, the customer is subject to a termination liability charge. If a customer terminates service prior to a minimum service period, the minimum service period charges also apply, in addition to the discounted month rates for each channel.
- B. The termination charges applicable to DSII are equal to 50% of the present value of the unpaid balance of the OPP, except under the following situations:
 1. The termination charges applicable to customers whose OPP is 84, 120, or 180 months is 5% of the present value of the unpaid balance of the OPP under the following circumstances:
 - a. When the remaining period of an 84 month OPP is 24 months or less.

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- b. When the remaining period of a 120 month OPP is 60 months or less.
- c. When the remaining period of a 180 month OPP is 120 months or less.
- C. If the customer has paid Schedule A prices upfront, then no termination charges are applicable if Schedule A charges are paid in the form of monthly rates, then termination charges apply. If nonrecurring charges are paid in the form of monthly rates, the termination charges applicable to the nonrecurring charges are equal to 100% of the present value of the remaining monthly payments. The present value of outstanding OPP monthly rates is determined in accordance with the principles of the Time Value of Money at an effective interest rate of .99384% monthly.
- D. Customers whose initial OPP includes 200 or more local distribution channels may decrease the number of local distribution channels over the life of the OPP by a total of 20% without incurring a termination charge. The total number of local distribution channels that may be removed without a termination charge during the life of OPP may not exceed 20% of the total number of local distribution channels that have been installed.
- E. When a customer disconnects some or all discounted channels in order to replace them with other Company provided channels, the appropriate minimum service period charges would apply. The termination liability does not apply provided that the following apply
 - 1. The orders for the new channels and the disconnect of the exiting channels are placed with the Company at the same time, and the new channels have an equal or higher channel capacity than the disconnected channels.
- F. If the customer increases service prior to the expiration of a payment period, the customer may elect to include the existing services with the new services under a new OPP. The new payment period must be equal to or greater than the existing payment period. Under this arrangement, the customer would not be subject to the termination liability charge of the prior agreement. The customer also has the option of subscribing to the additional services under a separate OPP. The customer may add additional channels to the existing OPP at the existing OPP monthly rates. Upon the expiration of the existing OPP, the channels added to the system will be subject to a termination charge equal to 50% of the present value of the unpaid balance of the monthly rates (except as specified in Section 9.4.5B1) and 100% of the unpaid balance of the Termination nonrecurring charges if they are being paid monthly. Termination charges apply only if service is discontinued.
- G. A customer may, at any time prior to the expiration of the selected payment period for an existing OPP, change to an OPP with a longer payment period at the then effective discount. No termination liability charges will apply for any services extended under the longer commitment period. The monthly rates applicable for the longer commitment period will apply effective with the next bill day following the request for the change.

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- H. At the end of the payment period, the customer will have the option of subscribing to any then effective discount plans or retaining the service under the standard rates in effect at that time. If the customer does not notify the Company of its choice, standard rates will be applied upon expiration of the payment period.

Integrated Services Digital Network (ISDN) Services

7.7 Integrated Services Digital Network (ISDN) Services

7.7.1 ISDN Basic Service and Virtual Serving Arrangement (VSA)

Rates and charges for services explained herein are contained in the Rate Section.

7.7.1.1 Description

- A. ISDN basic is an optional arrangement that allows for the integration of voice and non voice (data) transmission on a single telephone access line and provides access as a digital gateway which will allow for the introduction of additional services.
- B. ISDN basic consists of the following features:
 - 1. Digital subscriber line which provides digital termination capabilities to the customer's premises and allows for the simultaneous transmission of voice and data traffic.
 - 2. Basic service capabilities.
 - 3. Optional features and optional features packages.
 - 4. Circuit switched data local usage packages.
- C. Each ISDN basic line may be connected to a single ISDN voice, data or combined voice and data Customer Provided Equipment (CPE) device.
- D. ISDN basic is furnished subject to availability of facilities and is provided only from a local digital central office switch. The Company will determine the type of central office switch. This service is provided from suitably equipped digital central offices, and is available for use only with qualified one-party residence or business main telephone exchange service lines or with main station lines equipped for digital Centrex services.
 - 1. A qualified line is metallic and within the loop deployment range as specified in the Company Outside Plant Engineering methods.
- E. Each ISDN basic line is provided with one telephone number which is referred to as the Primary Directory Number (PDN). Secondary Directory Numbers (additional numbers) may be requested.
- F. ISDN basic is not available for use with trunk lines, Dormitory Communication Service (DCS), Centrex service (other than digital Centrex services), PASL services or PAL lines.
- G. Customer Notification - ISDN basic can only be provided from suitably equipped digital central office switches. In multiple switch central office locations where all switches are not equipped for ISDN basic, a changes of

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telephone number may be required to obtain ISDN basic. If this situation exists, the customer will be so notified prior to subscription to ISDN basic. The change of telephone number incurs no additional charge.

- H. Limitations - Service is not furnished where the proposed use of the service or facilities would tend to injuriously affect the efficiency of the Company's plant, property or service.
- I. Subscription to Other Service - Customers who subscribe to ISDN basic must also subscribe to digital Centrex services, or a main telephone exchange service.

7.7.1.2 Digital Subscriber Line

- A. Digital subscriber line provides the digital central office termination that has the potential to support digital ISDN transmission of voice and data to the customer's premises over the two B and single D channels. This service element must be subscribed to prior to any of the other ISDN basic capabilities or features.

7.7.1.3 Basic Service Capabilities

No more than three basic service capabilities may be activated on a single line. If three basic service capabilities are selected, one of these must be low speed packet switched data. Basic service capabilities are voice and data capabilities which can be combined on a single access line. The access line provides a combination of two B channels and one D channel. Each B channel is capable of transmitting up to 64 kbps for circuit switched voice, circuit switched data, or high speed packet switched data. The D channel is a 16 kbps channel and is used for signaling as well as transmission of packet switched data at speeds up to 9.6 kbps.

- A. High or Low Speed Packet Switched Data
 - 1. Provides virtual circuit basic service using CCITT X.25 packet switching standards. High Speed Packet Switched Data (HSPSD) operates on a B channel at speeds up to 64 kbps while Low Speed Packet Switched Data (LSPSD) operates on a D channel at speeds up to 9.6 kbps. both the subscriber to high or low speed packet switched data and the other party involved in the transmission must be either served by the same central office switch or served from central offices which are arranged for packet switched data interoffice interconnection.
 - 2. High or low speed packet switched data provides synchronous network transport of data, usually relatively short bursts of data, through the network. The data are separated into discrete segments called packets for high speed transmission through the network. All packets are interleaved (statistically multiplexed) on the facilities as

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they are transmitted. Routing and control information (packet header) is automatically inserted at the beginning of each packet, and error detection information (packet trailer) is automatically inserted at the end of each packet. Complete with this information, the entire packet is routed through the network to its intended destination over a network path that is established at call set up.

3. The following features are provided as standard with either the high or the low speed packet switched data basic service capability and are negotiated at the time of installation.

- a. Calls Barred Incoming, Outgoing - Prevents an ISDN basic service line equipped with either low or high speed packet switched data basic service capabilities from receiving or originating virtual calls. This feature is offered on a per virtual circuit basis.
- b. Fast Select, Fast Select Acceptance - Allows the user to send up to 128 bytes of user data in the call request packet.
- c. Hunt Group - Provides a virtual circuit hunt group capability for packet switching which hunts through virtual circuits on a line similar to the analog hunt feature.
- d. Reverse Charge Acceptance- Permits a subscriber to, on a per call basis, request the packet switch to assign billing charges to the called line.
- e. Reverse Charge Request - Permits a subscriber to, on a per call basis, request the packet switch to assign billing charges to the called data terminal.
- f. Throughput Class Negotiation - Permits negotiation of the throughput class (speed or baud rate) for each direction of data transfer associated with a virtual call.

B. With either high speed packet switched data or low speed packet switched data, a logical connection (channel) is established between the calling and called line. The logical connection is called a virtual circuit. This differs from a circuit switched connection in that no physical path or circuit is permanently established between the two lines. The virtual circuit exists until the call is terminated by either the called or calling party. The following types of virtual circuits can be established in a packet switched network.

1. Switched virtual circuits allow the user to establish a communications channel (logical channel) on a switched basis. One switched virtual circuit is included with the basic service capability.

2. Permanent virtual circuits allow the user to permanently establish a logical channel between two ISDN basic service lines.
- C. Multiple Virtual Circuits - The high speed packet switched data capability can support up to 127 multiple virtual circuits while the low speed packet switched data capability can support up to 15 multiple virtual circuits.
- D. Circuit Switched Voice - Operates over a 64 kbps B channel used for voice information transfer.
- E. Circuit Switched Data - Operates over a 64 kbps B channel used for data information transfer. Both the subscriber to circuit switched data and the other party involved in the transmission must be either served by the same central office switch or served from central offices which are arranged for circuit switched data interoffice interconnection.
- F. Alternate Circuit Switched Voice or Circuit Switched Data - Operates over a single 64 kbps B channel and is capable of speech or data information transfer. The voice or data transmission capabilities may be used alternately on separately established calls. Once a call has been established on an alternate circuit switched voice/circuit switched data capability, the call cannot be changed from voice to data or vice versa without disconnecting and establishing a new call. For simultaneous circuit switched voice and circuit switched data capability, the circuit switched voice and circuit switched data capabilities must be ordered separately.

7.7.1.4 Optional Features

At least one basic service capability must be specified before any of the optional features may be selected.

- A. Digital Electronic Telephone Service (DETS) - A telecommunications service in which the controlling dial switching equipment is located at a Company central office which normally serves the principal premises of the customer thereby eliminating the need for controlling basic service lines with Circuit Switched Voice Basic service capability. The number of ISDN basic service lines equipped with DETS must equal the number of CPE voice stations. Basic DETS provides the following features as part of the offering.
 1. Feature access - DETS provides f the ability to access call related features either by depressing an assigned button/key or equivalent on the CPE station or equipment or by going off-hook on a call appearance and dialing a feature access code.
 2. Call Appearance - DETS provides for the termination of directory numbers on a designated button or equivalent on the CPE station or equipment. Each call appearance requires a button on the station

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equipment as defined by the configuration group. The following information describes the use of call appearance.

- a. Multiple Call Appearance - Provides for a single primary or secondary directory number to be assigned to up to five call appearance buttons or equivalent on customer provided equipment. This allows the customer to handle more than one call on a single directory number.
 - b. Shared Call Appearance - Provides for the establishment of a call group where members of the group may share (have access to) directory numbers of other stations in the group (i.e., more than one station may access the same primary or secondary directory number.
 - c. Hold with Shared Call Appearance - Allows any station to place a call on hold or retrieve a call from hold as long as that station has access to all appearance of the directory number involved.
 - d. Bridging with Shared Call Appearance - Permits a third-party to initiate bridging onto a call in progress, as long as that station has an appearance of the desired directory number and not more than two stations are bridged on the call. A minimum of two call appearances is necessary.
 - e. Shared Call Appearances with Analog Lines - Allows analog lines to be included in a DETS system group and for the associated analog number to be assigned to a call appearance button on a DETS station set or equivalent. Only one analog line is allowed per 5ESS ISDN group while seven are allowed on a DMS100.
3. Configuration Groups - Standard packages of central office features defined by software to terminate at particular buttons on the CPE station. Standard configuration groups are designed to accommodate a range of ISDN CPE button assignments of central office features beginning at ten buttons up to and including 60 buttons in increments of ten. The customer has the option of ordering nonstandard configuration groups for a nonrecurring charge that applies in addition to a monthly rate that is the same as standard configuration groups and is determined by the number of call appearances/features.
 4. Multiple Directory Numbers - Provides for more than one directory number to be assigned to the call appearances of a single terminal for the exclusive use of that terminal. One directory number will be specified as the primary directory number. All others are considered secondary directory numbers.

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5. Terminal Management - Provides for features associated with call appearances to be performed automatically as specified by the customer. The features are as follows.
 - a. Call Appearance Selection for Conference/Transfer - Provides that an idle call appearance is automatically selected after the user has pressed the conference or transfer button.
 - b. Ringing Call Appearance Preference - Provides that if more than one call is alerting on an ISDN basic service line, the first such call will automatically be selected by the central office when the terminal goes off-hook if a specific call appearance is not manually selected.
 - c. Idle Call Appearance Preference - The switch determines what call appearance is selected when the user goes off-hook without first manually selecting an appearance.
 - d. Automatic Hold/Drop Preference - The central office automatically determines how to treat a call in progress on a call appearance when the user shifts to another call appearance without placing the active call on hold.
6. ISDN Group - Provides for call coverage by allowing a limit of eight primary directory numbers to appear on a single ISDN terminal or set. Directory numbers from multiple ISDN groups may appear on a single terminal or set. Only one analog line is allowed per ISDN group served by a 5ESS switch while seven are allowed on ISDN groups served by a DMS100.
7. Expanded ISDN Group Coverage - Enhances the call coverage abilities through the following features.
 - a. Delayed Ringing - The customer selects the number of seconds to elapse before ringing is provided on an incoming call. A visual signal, such as flashing light activates as soon as the call originates.
 - b. Abbreviated Ringing - Ringing is provided on incoming calls for a customer specified interval.
 - c. Manual Exclusion - Prevents other station users in the ISDN group from retrieving a held call and from bridging onto a call in progress.
8. ISDN Flexible Calling - Allows the customer to transfer, hold, conference and drop calls through button activation.

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- a. Drop - Allows the user to drop the last-party added to a conference call.
 - b. Transfer - Allows the user to transfer a call to another terminal.
 - c. Hold - Allows the user to place a call on hold.
 - d. Conference - Allows the user to include a third-party in the call.
9. Automatic Intercom/Group Intercom - A button activated feature which provides for abbreviated dialing to members of a predesignated group of ISDN basic lines equipped with DETS. The intercom feature may be dial-type or arranged for automatic connection to designated intercom members.
10. Six Way Conference - Allows Digital Centrex customers to include up to six parties on a call.
- B. Secondary Directory Numbers (SDN) - May be associated with any of the voice or data basic services selected on an ISDN basic line. This number does not required the assignment of line equipment for outside plant facilities.
1. Listings for SDNs are provided as specified in Section 4.
- C. Display - Provides call related data on an ISDN basic service line to the associated terminal that is equipped with display or which can otherwise utilize this information. This service is provided where facilities are available. Display service includes the following features.
1. Outgoing Called Line Identification - Provides the originating user with the called number, the directory number used to place the call, and the facility used to place the call.
 2. Inspect for ISDN Station Sets - Enables the user to display call related information about calls placed on hold.
 3. Incoming Calling Line Identification - Provides the calling number of an incoming call.
- D. High or Low Speed Packet Switched Data Options - May be subscribed to in addition to the basic features provided with packet switched data basic service capability.
1. Additional Virtual Circuits - Are subscribed to in addition to the initial virtual circuit provided with HSPSD or LSPSD basic service capability. They may be switched or permanent.

2. Permanent Virtual Circuit Selection - A circuit which allows the user to permanently establish a logical channel between two ISDN basic service lines.
 3. Closed User Group - Allows the customer to establish a subnetwork among a restricted number of other users who can communicate privately with each other.
 4. Flow Control Parameter Negotiation - Permits negotiation on a per call basis of the flow control parameters (window size and packet size).
- E. Customer Premises Modem Pool - Provides for the set up and clearing of data calls between an ISDN basic subscriber and a local exchange line utilizing a customer provided modem for data transmission. The data connection is established by routing the call through a member of the modem pool (modem and associated terminal adapter) provided by the customer to perform the necessary analog to digital or digital to analog conversion. This feature must use an ISDN basic service line equipped with LSPSD basic service. No B channel connections to the modem pool members are allowed. Each ISDN basic service line that requires access to a modem pool must subscribe to the Closed User Group packet feature. When using modem pooling, the data speed is limited to 9.6 kbps using the low speed packet switched data capacity.
1. Closed User Group - Provides that only data terminals that belong to the same closed user group can access the modem pool for outgoing service or receive calls via the modem pool.
 2. Terminating Modem Pool Access Telephone Numbers - Directory numbers which may be used by ISDN basic subscribers who wish to receive data calls from non ISDN subscribers via modem pooling. This number corresponds to a different transmission characteristic in the modem pool and can only be used for terminating data calls to a particular ISDN basic line via the modem pool.
- F. Circuit Switched Services (Voice and Data) - The following features provide additional functionality to a line.
1. Multiline Hunt Groups - Allows a DETS customer to establish hunt groups for voice or data calls. It also allows the customer to stop hunting and/or make busy selected lines in the hunt group. Hunting sequence and hunt group membership will be dependent on individual directory numbers, either voice or data.
 - a. Stop Hunting - Allows a customer to stop the hunting sequence at the specific hunt group member that activates this feature.

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- b. Make Busy - Allows a customer to make a line busy without affecting the overall sequence.
- 3. Additional Call Offering - Provides the ISDN line with notification of additional voice and data calls when the user's interface is busy.
- 4. Associated Groups - Terminals on an ISDN line may be restricted to less than the total B channel capacity available. Only two Associated Groups are permitted per line.

7.7.1.5 Optional Feature Package

- A. The following feature packages are available with measured residence or business (non Centrex) ISDN basic service.
 - 1. Internet Access package consisting of Incoming Line Identification and Additional Call Offering features.
 - 2. Home Office package consisting of Incoming Line Identification, Additional Call Offering, ISDN Flexible Calling (Conference, Transfer, Drop, Hold), and Call Forwarding-Variable features.
 - 3. Deluxe package consisting of Incoming Line Identification, Additional Call Offering, ISDN Flexible Calling (Conference, Transfer, Drop, Hold), and Call Forwarding (Variable, Does Not Answer, Busy) features.

7.7.1.6 Optional Circuit Switched Data Local Usage Packages

- A. The following circuit switched data local usage packages are available only with measured, non Centrex ISDN basic service.
 - 1. 20 Hour.
 - 2. 60 Hour.
 - 3. 140 Hour.
- B. In exchanges where Metropolitan service is available, only Zone 1 local usage is eligible to be included in the packages.

7.7.1.7 Virtual Office ISDN (VOI)

- A. The VOI is available only to measured business or digital centrex service customers and consists of the following:
 - 1. An ISDN digital subscriber line with circuit switched data and alternative circuit switched voice or data capabilities.
 - 2. Digital Electronic Telephone Services (DETS) up to 10 - 60 call appearance/features with three call appearances and ISDN flexible

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calling (drop, transfer, hold, and conference), display - incoming line identification, call forwarding variable, and additional call offering.

3. Unlimited circuit switched data local usage.
- B. The VOI is limited to two packages per premises.
 - C. The total monthly rate applies whether or not all of the features in the package are activated.
 - D. Variable Term Payment Plan (VTPP) - Monthly rates for the VOI are offered under the VTPP described herein. The VTPP monthly rates are payable over the following optional payment plans (OPP) as selected by the customer.
 1. The OPPs for monthly rates are month-to-month, 36 months, and 60 months.
 - E. Minimum Service Period for VOIs provided under month-to-month, 24, 36 and 60 month OPPs is one month.
 - F. Expiration - At the conclusion of OPP commitment period, the customer must either commit to another VTPP or revert to the month-to-month rate.
 - G. Termination Liability - If a customer terminates service prior to a minimum service period, the minimum service period charges apply. If a customer terminates service or cancels an OPP during the first 12 months of the contract, the customer must pay an early termination charge equal to the difference between the month-to-month rate and the contract rate for each month that VOI was in service, up to 12 months.

7.7.1.8 Virtual Serving Arrangement (VSA)

- A. ISDN basic VSA is a special two point digital transmission path between a customer's serving central office and central office that is suitably equipped to provide ISDN basic. This serving arrangement will enable a customer to subscribe to ISDN basic when a customer's serving central office is not equipped to provide ISDN basic.
 1. When a customer's serving central office becomes equipped for ISDN basic, the customer can choose to be transferred from the Company designated ISDN basic service equipped central office to the customer's serving central office without charge.
- B. Customers of this arrangement will be provided exchange service from the predetermined ISDN basic equipped central office.
- C. This arrangement is furnished from Company designated ISDN basic service equipped central offices, subject to the availability of suitable facilities. This arrangement is available only to customers served by central offices not equipped to provide ISDN basic or to customers who have subscribed to this

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arrangement and want to retain this arrangement subsequent to the conversion of their serving central office to provide ISDN basic.

- D. VSA is not available with Digital Centrex II services.
- E. VSA will be provided only on the standard ISDN basic rate interface 2B1Q two-wire U interface.

7.7.1.9 Application of Rates and Charges

- A. Voice Usage is governed by the customer's existing class of service and is flat rated or measured accordingly. Voice usage within a Digital Centrex system is not billed on a usage sensitive basis.
 - 1. Unlimited or measured usage rates also apply to Circuit Switched Voice - Second channels.
- B. Data Usage is always measured and charged except for usage within a Digital Centrex system.
 - 1. Circuit Switched Data Local Usage Package monthly rate is applicable whether or not any calls are made. Eligible local usage that exceeds the selected usage package is billed at the associated package per minute rate. Usage generated by all terminals on each line at the customer's premises are aggregated for the purpose of local usage package calculations.
- C. Feature Package monthly rate is application whether or not any of the features in a package are activated.
- D. The rates and charges for ISDN service are in addition to the appropriate rates and charges for Digital Centrex service, business or residence exchange services, as well as the appropriate service charges.
- E. Feature Change Charge applies whenever DETS call appearances are either added, changed or rearranged that do not require a change to a different configuration group or whenever the Terminal Management, Expanded ISDN Group Coverage or ISDN Flexible Calling option features are either added to the existing ISDN basic service or changed. The charge also applies when changes are made to any of the packet switched data service parameters or when any of the high or low speed packet switched data basic service capability features are either added to existing packet switched data service or are subsequently changed.
- F. Additional or Permanent Virtual Circuits (beyond the first switched virtual circuit included with the basic service capability) may be provided at additional charges.

7.7.2 ISDN Primary Service

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7.7.2.1 Definitions

B Channel - A 64 kbps digital message path capable of transporting voice and data.

Clear Channel - Provides for full utilization of the 64 kbps bandwidth of a B channel. The line code used to provide 64 kbps clear channel capability is bipolar with 8 zero substitution, as specified in TR-NWT-000499.

D Channel - a 64 kbps digital message path used for signaling and control of the B channels.

ISDN Primary Service DID Telephone Numbers - Blocks of 100 consecutive telephone numbers or fraction thereof for provision of Direct Inward Dialing (DID).

7.7.2.2 Description

- A. ISDN primary provides access to the Company's voice and circuit switched data transport services via a 1.544 Mbps digital path between ISN compatible customer premises equipment and ISDN equipped central office. ISDN primary includes DID which permits incoming dialed calls from the network to reach a specific station line of a Private Branch Exchange (PBX) or other customer premises equipment without the assistance of an attendant.
- B. ISDN primary is offered on a measured local service basis and on an unlimited local service basis where unlimited PBX service is available. No local usage allowance is provided.
- C. ISDN primary may be provided from the customer's normal central office, or from a foreign exchange or foreign central office, subject to the availability of facilities.
- D. ISDN primary is offered only from suitably equipped central offices, subject to availability of facilities and only within a Maine Local Access and Transport Area (LATA).

7.7.2.3 Service Components

- A. Primary Port - An ISN primary port provides the termination of the local distribution channel in the central office switch. Each port consists of a D channel for signaling and up to 23 B channels for transmission of voice and circuit switched data calls.
- B. Local Distribution Channel - A 1.544 Mbps two-way transmission path connecting a customer's premises with the port. The framing format for 1.544 Mbps transmission over the ISDN primary service local distribution channel is extended superframe as specified in TR-NWT-000499.
- C. DID Capability is furnished upon the condition that the customer must subscribe to and have adequate facilities to permit the use of service without injurious effect on general telephone service.

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1. ISDN primary DID numbers will be provided only in blocks of 100 consecutive numbers (or fraction thereof).
- D. The local loop component of ISDN Primary Service may be purchased under the terms and conditions of Integrated Access Service, as described in Part C, Section 6 of this tariff. In such cases, Integrated Access Service local loop transport will be provided in lieu of an ISDN Primary Service Local Distribution Channel, and will be connected to an ISDN Primary Service Port to provide a complete service. The monthly rates and charges for and ISDN Primary Service LDC will apply.
- E. When a customer selects the Integrated Access Service Transport Package 1, 3, or 12 service delivery option, as specified in Part C, Section 6 of this tariff, the rates and charges for the Integrated Access Service Transport Package 1, 3, or 12 Local Distribution Channel will apply in lieu of the rates and charges for the ISDN Primary Service Local Distribution Channel.

7.7.2.4 Primary Service Capabilities

The following capabilities are supported on the B channels Voice and circuit switched data capabilities can be combined over the ISDN primary port and local distribution channel.

- A. Standard Features
1. Circuit Switched Voice provided digitized speech or voice band data access in conjunction with existing service including local exchange service, Message Telecommunications Service (MTS), and DTFS.
 2. Circuit Switched Data allows for the origination and termination of bidirectional circuit switched data calls at data rates of 56 kbps (Clear Channel Capability). Circuit switched data calls may not be received on a B channel dedicated to DTFS or on a call-by-call B channel with an indication of DTFS.
 3. Call-by-Call Service Selection allows the customer to specify, on a call-by-call basis via D channel signaling the bearer capability (circuit switched voice or circuit switched data) for calls originated over ISDN primary. The customer will also be notified on a call-by-call basis via D channel signaling, the bearer capability and voice call type (Exchange, MTS or Toll-Free service) for calls terminating over ISDN primary.
 4. Calling Line Identification provides the calling number of an incoming call if both the ISDN primary customer and the originator of the call are served from the same central office switch or served from different central office switches which are connected by facilities that can send the calling party's number between the switches.

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5. Channel Configuration allows some of all B channels to be dedicated to exchange and MTS, DID, or DTFS. Multiple dedicated trunk group can be established on the same port or group of ports. The customer must specify at the time of ordering, the number of dedicated B channels and their specific purpose.

B. Optional Features

1. Calling Line Identification provides the calling number of an incoming call if both the ISDN primary customer and the originator of the call are served from the same central office switch or served from different central office switches which are connected by facilities that can send the calling party's number between the switches.
2. Channel Configuration allows some or all B channels to be dedicated to exchange the MTS, DID, or DTFS. Multiple dedicated trunk groups can be established on the same port or group of the ports. The customer must specify at the time of ordering, the number of dedicated B channels and their specific purposes.
3. Multiple Facility Signaling Control (MFSC) allows the D channel of one ISDN primary port to provide signaling for up to 19 other ISDN primary ports. The ports must all be served by the same central office switch and must all serve the same customer premise equipment. This feature is provided in conjunction with the backup D channel optional feature.
4. Backup D Channel allows a channel of an ISDN primary port to serve as a backup to standby D channel in case of the failure of the D channel of another ISDN primary port. This feature can only be provisioned in conjunction with the MFSC optional feature. The backup D channel cannot be used as a B channel and can back up only one primary D channel.
5. Intercom Capability allows completion of calls between an ISDN primary service customer and other digital Centrex or ISDN primary service locations within the same subscriber network. Usage charges do not apply to intercom use. This feature is provided per channel.
6. Network Ring Again allows a calling station which encounters a busy signal within the subscriber network to be notified by the central office switch when the called station becomes idle. The calling station can then automatically redial the call. This feature is provided per controlling D channel.
7. Calling Line Identification With Name allows the user to have access to the directory number and name associated with an incoming call.

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8. Two B Channel Transfer allows the customer provided equipment (CPE) to accept a call from one user and transfer the call to another user outside the CPE, which then released both B channels.
9. Redirecting Number allows the original calling party number, plus the last calling party number, to be passed to the end user when a call is forwarded or redirected. The user must have calling line identification or calling line identification with name to enable this feature.
10. Modified Redirecting Number allows the original calling party number, plus the last redirected calling party number, to be passed to the end user when a call is forwarded or redirected. The user must have calling line identification or calling line identification with name plus redirecting number to enable this feature.
11. Optional Feature Package includes calling line identification with name and redirecting number.
12. Intercom Capability Package provides ten or more intercom capability features on one PRI for a single rate.

7.7.2.5 Application of Rates and Charges

- A. All local messages are provided at local usage charges for measured business service.
- B. PBX trunk and other network access lines rates and charges, as contained in other section of this tariff, are not applicable to ISDN primary.
- C. Voice usage generated by using ISDN primary will be charged in accordance with the usage rates for the associated service(s). Circuit switched data usage will be charged in accordance with the usage rates for circuit switched data transport.
 1. Unlimited local usage, per call-by-call B channel or dedicated exchange/MTS B channel is charged for as specified for business trunks in the exchange of connection.
- D. Where a customer chooses to have ISDN primary provided on a foreign exchange or foreign central office basis, the rate for 1.544 Mbps interoffice channel applies.
- E. Initial and additional local distribution channels are provided at the monthly rates for 1.544 Mbps local distribution channels. The nonrecurring charge for the initial local distribution channel is the same as the nonrecurring charge specified for 1.544 Mbps local distribution channels
- F. An ISDN primary customer served from a foreign exchange or foreign central office may request to have service provided from the customer's normal

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central office when facilities become available in the normal central office without application of nonrecurring charges.

- G. Interoffice channels are provided at the rates and charges specified for 1.544 Mbps interoffice channels.
- H. ISDN primary DID telephone numbers are provided at the rates and charges specified for DID service.

7.7.3 Circuit Switched Data Transport

7.7.3.1 Description

- A. Circuit switched data calls originating from ISDN service equipped lines are transported using switched 56 kbps service at speeds up to and including 64 kbps. Switched 56 kbps service is a digital switched service that provided full duplex, synchronous information transport.

7.7.3.2 Network Call Usage

- A. Timing of Message - All network usage is timed and measured. Chargeable time begins when the connection is established between the calling party station and the called party. Chargeable time ends when the network connection is released.
- B. Initial Period and Overtime Rates - The initial period rates for telephone connections of one minute or any fraction thereof. Overtime rates are for each additional minute or any fraction thereof that the telephone connection continues beyond the initial period.
- C. Usage Time - Except for residence usage outside of the calling area, accumulation of usage time is on a per second basis. At the end of the customer's billing period, the sum of accumulated seconds is rounded to the next higher minute. At the end of the customer's billing period when the total charges would result in fractions of a cent being billed, the total will be rounded to the nearest cent for billing purposes.

Private Line Service

8.1 Description

Rates and charges for service explained herein are contained in the Rate Section.

8.1.1 General

- A. Private line service is that of furnishing facilities for communications between specified locations.
- B. Private line service is classified by Series and further classified within each Series by Types.
- C. The private line services furnished are provided over routes elected by the Company. When the customer requests special channel routing or sequence of connection, the mileages are based upon the conditions involved.
- D. A private line may be used for different types of transmission simultaneously in accordance with the normal transmission characteristics of such private line, subject to the following.
 - 1. When used for remote operation of a mobile radio-telephone system, it may be used simultaneously for voice communication and to transmit more than one tone in sequence or simultaneously for control purposes.
 - 2. When used for control, metering or signaling purposes, it may be used to transmit more than one tone in sequence or simultaneously for such purposes.
- E. Additional Channel may be created from a channel provided for private line services as follows.
 - 1. Customers, authorized users or joint users, by use of their own equipment and in accordance with the normal transmission characteristics of the private line, may create additional channels from channels furnished by the Company if the channels created are used for remote operation of mobile systems, or for remote metering, supervisory control or signaling purposes.
 - 2. Customers, authorized users or joint users, by use of their own equipment, and in accordance with the normal transmission characteristics of the grade of channel ordered, may create additional channels for any type of communication, except as specified in Item 1, by subdividing a channel of a Type number lower than 5500 or a Type 10001. However, such channels may not be created from a voice grade private line used for telephoto or facsimile transmission. The use of channel derivation devices to create additional channels from channels furnished by the Company is subject to the regulations regarding connection of customer premises equipment.
 - a. The Company makes no representation as to the suitability of the channels provided by it for subdivision into additional channels by the customer.

8.2 Regulations

The regulations contained herein are in addition to the General Regulations contained in Section 2.

8.2.1 Minimum Periods

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A. The minimum service period for private line service, except for Series 6000 channels, is one month. However, a longer contract period may be required where unusual costs are involved to furnish service.

1. The minimum service period for Series 6000 channels is specified in Section 2. However, a longer period may be required where unusual costs are involved to furnish service.

8.2.2 Cancellation of Service

A. Upon nonpayment of any sum due the Company or upon violation of any of the conditions governing the furnishing of a service or channel, the Company may, by notice in writing to the customer without incurring any liability, discontinue the furnishing of the service or channel and terminate the contract.

B. When the customer of record cancels an application for service prior to the start of installation or construction of facilities, tariff general regulations apply.

8.2.3 Transfer of Service

A. The service or any rights associated therewith may not be assigned or transferred in any manner.

8.3 Use of Service

8.3.1 General

A. Private lines may be used for one or more of the following purposes.

1. For the transmission of communications to or from the customer and relating directly to the customer's business.

2. For the transmission of communications to all stations simultaneously which relate directly to the matters of common interest to the customer and the authorized users when those connected to the service are all in the same general line of business.

3. For the transmission of communications relating directly to the business of a subsidiary corporation over which the customer exercises control through the ownership of more than 50% of the voting stock.

4. For the transmission of communications to or from any station on a service furnished to a Department or Agency of the United States Governments when the head of the Department or Agency or a duly authorized representative notifies the Company in writing that the use is intended only for official United States Government business.

5. When the use of the service relates to coordination or exchange of electrical pooled power for the transmission of communications between any two or more stations of such service or similar services furnished to others who are parties to the coordinating or exchange arrangement.

6. For the transmission of communications to, from, within and between air carriers if the customer is an aeronautical communications company licensed under the Aviation

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Services rules of the FCC to operate stations in the aeronautical mobile and fixed services.

8.3.2 Lawful Use

- A. Private line service is not to be used for an unlawful purpose.

8.3.3 Alternate Use

- A. Certain private line services may be used for different types of transmission on an alternate use basis. Except as provided therein, facilities furnished under this tariff may be used for other communications purposes for which they are suited, subject to the following provisions.

1. The purpose for which the private line service is to be used must be made known to the Company prior to such use.
2. The frequency range, speed, and other characteristics of signals transmitted must all within those specified for the channel furnished.
3. Station equipment and station wiring in connection with alternate use is provided by the customer, authorized user or joint user.
4. Connection of channel facilities to other facilities furnished by the Company may not be set up at central office switchboards, Private Branch Exchange (PBX) or other switching arrangements if the connection involves a use other than that for which the switchboards or other switching arrangements are furnished.
5. If the purposes for which the channel facilities are to be used requires a type of channel for which a higher rate applies than for the other purpose, the higher channel rate applies.

- B. Subject to the provisions contained herein, the Company will provide private line service to permit the customer to use the service for different types of transmission on an alternate use basis. Regulations applicable to a particular type of operation apply during the period the service is used for that type of operation.

- C. The customer may at will switch from one type of operation to another but only one type of operation can be used on one time.

- D. Alternative use is available on two point services. On services involving more than two points, alternate use is permitted where facilities permit.

- E. Foreign exchange service operation is available only on two point services.

- F. 2001 Channels

1. The arrangement to switch from private line to foreign exchange service at each of the two service points for voice private line service used alternatively as a channel in connection with foreign exchange requires a Type 1001 channel between the customer's premises and the rate center.

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2. The intercept arrangement to permit calls made to the foreign exchange line to be received at the customer's location in the foreign exchange only during the period that the service is in use as a voice private line service is provided in accordance with the local channels specified in Section 2.
 3. Voice and teletypewriter, voice and remote metering, and voice and data alternative uses require a Type 2001A or 2001B channel when a PBX station line or tie line is involved. When alternate use for voice is indicated, the voice use permitted is that for which Types 2001, 2001A or 2001B (when a PBX extension or tie line is involved) channels are furnished.
- G. Alternate use arrangements for use with services utilizing Series 500 channels having a Type number less than 5500 are furnished at charges which are the same as those specified for Series 1000, 2000 and 3000 except that the charges applicable for the type of channel furnished are the monthly charges for the comparable type of Series 5000 channel. Alternate use arrangements for use with services utilizing Series 5000 channels having a Type number greater than 5500 are as follows.
1. Type 1 – For use to permit base capacity equivalent to 12 or 60 voice grade channels to be alternatively used with Type 5500 service terminals or as a number of channels or lesser capacity, provided that the alternate use is limited to the capacity within a two point section, or multi-point sections where the based capacity of which alternate use is desired has neither intermediate service terminals nor intermediate connections to other channels associated with the base capacity (or portion thereof) arranged for alternate use.
 2. At each terminal of a section or group of sections arranged for the alternate use of base capacity equivalent to 12 voice channels or 60 voice channels.
 3. At each terminal of a section or group of sections so arranged, a service terminal or connecting arrangement for each of the two types of operation is required for each channel arranged for use within the alternately used capacity.
- H. Service charges apply in addition to rates for alternate use, and to all other applicable rates and charges for the associated equipment.
- I. Transfer keys are provided by the customer.

8.3.4 Joint Use

- A. If a private line service is arranged for joint use as specified herein, the joint user is permitted to use the service in the same manner as the customer.
- B. Joint use arrangements are offered on interexchange private line services utilizing Series 1000, 2000 or 3000 channels and equipment except those services using a Type 2006 channel, or a Type 2001 channel used alternately as a channel in connection with foreign exchange service or in connection with a Type 2001A channel utilized for bridged main telephone extension line service. Joint use as specified herein is not offered on those services utilizing, in whole or in part, Series 5000, 6000 or 1000 channels or on private line services and channels set forth in Section 2.

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- C. A joint user must have a station and a local channel on the private line and the station must be located on the premises of the joint user, except that these requirements do not apply to a joint user of a private line with respect to his use of additional channels created by the customer from the private line with respect to his use of additional channels created by the customer from the private line provided a joint user has a station on a channel connected in accordance with Section 8.7.5, 8.7.6 and 8.7.7 to the channel created by the customer.
- D. The Company is not responsible for the manner in which the joint use of the service is allocated. Orders involving the start, rearrangement, release, or discontinuance of service will be accepted by the Company only from the customer.
- E. All charges for the service, including the charges for the joint use arrangement, and local channels, furnished for the joint users as part of the private line service, will be computed as though the service were to be billed to the customer. The customer and each joint user will be billed for the components of the service which are furnished exclusively to each of them for his individual use. The charges for components of the service which are jointly used will be allocated for billing purposes in accordance with percentages of use specified by the customer. The specified percentages will remain in effect for a minimum of one month and the percentages on file on the first day of the customer's billing cycle will be used in computing that month's billing. Without affecting the customer's ultimate responsibility for payment of all charges for the service, each joint user is responsible for the payment of the charges billed to him in accordance with the regulations contained herein.

8.4 Responsibility of the Company

8.4.1 Liability

- A. The Company is not responsible for damages arising out of mistakes, omissions, interruptions, delays or error or defects in transmission, except those caused either by its failure to furnish facilities suitable for ordinary telephone service or by its failure to maintain and operate the facilities in a manner proper for telephone service.
- B. The liability of the Company for damages caused either by its failure to furnish facilities suitable for ordinary telephone service or by its failure to maintain and operate the facilities in a manner proper for telephone service cannot exceed an amount equivalent to the proportionate charge to the customer for the period of service during which such mistake, omission, interruption, delay or error or defect in transmission occurs. Loss of profits by the applicant or subscriber is not considered an element of damage for which the Company is liable.
- C. The Company is not liable for any defacement of, or damage to the premises of a customer, authorized user, or joint user resulting from the furnishing of channel facilities, or from the attachment of the equipment and associated wiring furnished by the Company on the premises or by the installation or removal thereof, if defacement or damage is not the result of negligence of the agents or employees of the Company.
- D. The Company is indemnified and saved harmless by the customer against the following claims.

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1. Claims for libel, slander, or the infringement of copyright arising directly or indirectly from the material transmitted over the facilities or the use thereof.
2. Claims for infringement of patents arising from combining apparatus and systems of the customer with, or using them in connection with facilities furnished by the Company.
3. All other claims arising out of any act or omission of the customer in connection with the facilities provided by the Company.

8.4.2 Scope

- A. Private line service may be limited in order to comply with orders issued under wartime authority of the President of the United States.
- B. The Company does not undertake to transmit messages.

8.4.3 Manner of Provision

- A. Unless otherwise indicated, service is furnished 24 hours per day, seven days per week.
- B. Private line service is provided if suitable facilities are and continue to be available. If a shortage of facilities exists at any time, either for a temporary or protracted period, the establishment of exchange service and Message Telecommunications Services (MTS) takes precedence over all other services and uses.
- C. The Company will attempt, but cannot guarantee, to secure the facilities of other companies if required to furnish a service or channel to a customer.
- D. In view of the fact that the customer has exclusive control of his communications over the facilities furnished by the Company, and because of unavailability of errors incident to the services and to the use of the facilities of the Company, the services and facilities furnished by the Company are subject to the terms, conditions and limitations specified herein.
- E. The Company provides all facilities necessary for private line service. The customer, authorized user or joint user provides any terminal equipment or multi-line terminating system for use with private line service as specified elsewhere in this Section.
- F. The Company provides one suitable termination of a private line on the premises of the customer, authorized user or joint user. Additional terminations must be provided by the customer.
- G. The Company undertakes to maintain and repair the facilities that it furnishes.
- H. The Company does not provide private line service as an extended line to an additional point in the same building or another building on the same premises or exclusively between points on the same premises of a customer, authorized user or joint user.
 1. Service arrangements for extended lines or lines exclusively between points on the same premises, installed before January 1, 1987, are furnished to existing customers at present locations only in the same or lesser quantities.

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- I. Construction – The regulations applicable to construction for private line service are specified in Section 20. The type of construction, when provided by the Company, and its routing are at all times determined by the Company, and ownership of the construction remains vested in the Company.

8.5 Responsibility of the Customer

8.5.1 Liability

- A. No carrier participating in this service is liable for any act or omission of any other carrier also participating in the service.
- B. The customer indemnifies and holds the Company harmless from any and all loss, claims, demands, suits or other action, or any liability whatsoever, whether suffered, made, instituted, or asserted by the customer or by any other party or persons, for any personal injury to or death of any person or persons, and for any loss, damage or destruction of any property, whether owned by the customer or others, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, removal, presence, condition, location or use of equipment provided by the customer in hazardous locations. The Company may require each customer to sign an agreement for the furnishing of facilities as a condition precedent to the furnishing of private line service.
- C. The customer is responsible for damages to facilities of the Company caused by the negligence or willful act of the users.
- D. The customer is responsible for reimbursing the Company for any loss through theft of Company property on the premises of the customer.

8.5.2 Establishing Identity

- A. The customer is responsible for establishing his identity in the course of any communications as often as necessary, and establishing the identity of the person or persons with whom connection is made at the called station.

8.5.3 Equipment, Space and Power

- A. The customer is responsible for ensuring the provision of the power required to operate Company facilities installed on the premises of the customer, authorized user or joint user.
- B. The customer is responsible for the provision of space on-premises for Company equipment, where necessary.
- C. The customer is responsible for the provision, installation, and maintenance of sealed conduct with explosive-proof fittings in explosive atmospheres and points outside the hazardous area where connection may be made with regular facilities of the Company.
- D. Teletype Transmission – When a private line is used for teletypewriter transmission, the teletypewriter equipment is provided by the customer, authorized user, or joint user and must operate at a line signaling speed not to exceed that specified for the channel facilities furnished.

It is the customer's responsibility to ensure the continuing compatibility of the equipment with the private line service furnished by the Company.

- E. Data Transmission – When a private line is used for data transmission that requires terminal equipment/data sets, the data sets are provided by the customer, authorized user, or joint user. It is the responsibility of the customer to ensure the continuing compatibility of the data sets with the private line service furnished by the Company.

8.5.4 Service Affecting Activities

- A. The customer is responsible for obtaining permission for Company agents or employees to enter the premises of the customer, authorized user, or joint user at any reasonable hour for the purpose of installing, inspecting, repairing, or upon termination of the service, removing the facilities of the Company
- B. The customer is responsible for making Company facilities available for maintenance purposes at a time agreeable to both the Company and the customer. No allowance is made for the period during which service is interrupted for this purpose.

8.6 Service Interruptions

8.6.1 General

- A. When service is interrupted due to causes other than the negligence of the customer or the failure of facilities furnished by the customer, a credit allowance is made as specified within this subsection, for the portion of the service which is affected, provided that the interruption is brought to the attention of the Company within ten days. For the purpose of determining the amount of allowance, every month is considered to have 30 days. MTS furnished at the customer's request while service is interrupted is charged for at MTS rates.

8.6.2 Series 1000, 2000 and 3000 Channels

- A. Intraexchange Services – A credit is not provided for interruptions to service of less than 24 hours. Interruptions of 24 hours or over are credited to the customer at the proportionate monthly charge in per diem multiples for each day or fraction thereof of interruption.
- B. Interexchange Services – A credit is not provided for interruptions to service of less than 30 minutes. Interruptions of 30 minutes or over are credited to the customer at the proportionate monthly contract charge in half hour multiples for each half hour or fraction thereof of interruption.

8.6.3 Series 5000 Channels

When service is interrupted for a period of two hours or more, credit is provided for the portion of the service affected by the interruption in hourly multiples for each hour or major fraction thereof of interruption as follows.

- A. For items other than base capacity, credit is provided in the proportion that the period of interruption bears to the hours in a month.

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- B. For each of the several types of base capacity, credit is computed separately for each two point section affected where the base capacity is furnished for use as a single channel, credit is allowed as set forth in Section 8.6.3 or, where the base capacity is furnished for use as individual channels of lesser individual capacity, the following is applicable.
 - 1. If the equivalent voice grade channels interrupted in a section are less than 50% of the total equivalent voice grade channels arranged for use in the section, a credit is not provided.
 - 2. If the equivalent voice grade channels interrupted in a section are 50% or more of the total equivalent voice grade channels arranged for use in the section, credit is provided as set forth in Section 8.6.3A.

8.6.4 Series 6000 Channels

- A. When use of facilities is interrupted for a period of 30 seconds or more, due to any cause other than the negligence of the customer or the failure of facilities provided by the customer, credit is provided in multiples of five minutes for each five minutes or fraction thereof of interruption, except that two or more interruptions occurring during any period of five consecutive minutes are considered one interruption.
- B. The amount of the credit is equal to that portion of the difference between the charge (monthly or per occasion as the case may be) for the complete service and the charge which would be applicable to that portion of the service not affected by the interruption that the period of interruption to be allowed for represents the total time upon which the charge is based (monthly or per occasion as the case may be) except that, in applying this regulation to charges for local channels and to charges for bridging connections in connection with Type 6002 in any month when the maximum charges for such station or bridging connections do not apply, the total number of hours for which service is requested in the month are used in lieu of the total time upon which the charge is based.
- C. When use of local channel facilities within a program exchange area not associated with interexchange channels is interrupted for a period of 30 minutes or more, credit is allowed to the customer at the proportionate monthly contract charge in half-hour multiples for each half hour or major fraction thereof of interruption. Credit is not allowed for interruptions of less than 30 minutes.

8.7 Connection to Private Line Service

8.7.1 Responsibility of the Company

- A. The responsibility of the Company is limited to the furnishing of service components suitable for private line services and to the maintenance and operation of service components in a manner proper for private line services. Subject to this responsibility, the Company is not responsible for the following.
 - 1. The through transmission of signals generated by terminal equipment or multi-line terminating systems or for the quality of or defects in transmission.

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2. The reception of signals by terminal equipment or multi-line terminating systems.
 3. Address signaling where the signaling is performed by tone-type signaling equipment.
- B. The Company will, at the customer's request, provide information concerning interface parameters, including the number of ringers which may be connected to a particular line, needed to permit terminal equipment to operate in a manner compatible with the telecommunications network.
- C. The Company may make changes in its telecommunications network, equipment, operations or procedures where it is not inconsistent with Part 68 of the FCC's rules and regulations. If the changes can be reasonable expected to render any terminal equipment or multi-line terminating system incompatible with the telecommunications network ore require modification or alteration of the terminal equipment or multi-line terminating system, joint user or otherwise materially affects its use or performance, the customer, authorized user or joint user will be given adequate notice in writing to allow maintenance of uninterrupted service.

8.7.2 Responsibility of the Customer

- A. The customer, authorized user or joint user is responsible for the installation, operation and maintenance of any terminal equipment or multi-line terminating system. Upon notice from the Company that terminal equipment or multi-line terminating system is causing hazard, damage, malfunction or degradation of service, the customer authorized user, joint user or sharer, must make necessary changes as to remove or prevent hazard, damage, malfunction or degradation of service. No combination of terminal equipment, multi-line terminating system or facilities can result in the following situations.
1. Require change in or alteration of the equipment or services of the Company.
 2. Cause electrical hazards to Company personnel.
 3. Cause damage to Company equipment.
 4. Cause malfunction of Company billing equipment.
 5. Cause degradation of service to persons other than the user of the subject terminal equipment or multi-line terminating system, his calling or called party.

8.7.3 Recording of Two-Way Telephone Conversations

- A. Private line services are not represented as adapted to the recording of two-way telephone conversations. When voice recording equipment is used with a private line service connected to telecommunications services, the provisions relating to recording of two-way telephone conversations, as specified in Section 3, are applicable to the private line service.

8.7.4 Violation of Regulations

- A. If any terminal equipment, multi-line terminating system or inside wire provided by a customer, authorized user or joint user is used with private line services in violation of any of the provisions of this tariff, the Company will take immediate action to protect the telecommunications

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network and Company employees and will promptly notify the customer of the violation in writing. Within ten days of receipt of this notice, the customer must confirm in writing to the Company that the use of the terminal equipment, multi-line terminating system or inside wire has been discontinued or the violation corrected. Failure to do this will result in suspension of the service until such time as there is compliance with the provisions of this tariff.

8.7.5 Connections of Registered Equipment

- A. The connection may be made only at the customer's premises to Series 2000 or Series 3000 Private Line service (including the appropriate Series 5000 equivalents) that present a two-wire or four-wire loop signaling interface for connection under the following conditions.
 - 1. Registered terminal equipment, registered protective circuitry and registered key telephone systems may be connected to the station end of private line services furnished in connection with off-premises stations.
 - 2. Registered PBX systems may be connected, as a trunk termination, to the station end of private line services furnished in connection with off-premises stations.
- B. Type 2006 channel (including its appropriate Series 5000 equivalent) may be utilized with registered terminal equipment, registered protective circuitry, and registered multi-line terminating systems which are connected to the exchange telephone service associated with the channels described in Section 8.7.5A.
- C. The connection of registered terminal equipment and registered PBX systems may be made only at the customer's premises to a Series 2000 or Series 3000 private line service (including their appropriate Series 5000 equivalents) that presents an interface for either two-wire or four-wire transmission, with separate E&M signaling leads conventionally known as Type I (battery/ground) or Type II (contact closure type). E&M signaling leads are terminal equipment or PBX leads (other than voice or data communications leads) used for the purpose of transferring supervisory or address signals across the interface.
- D. The connection of customer provided registered terminal equipment and registered PBX systems may be made only at the customer's premises to a Series 1000 or Series 2000 private line service furnished to provide indications of message registration of outgoing calls or automatic identification of outward dialing (AIOD) to the equipment or systems. In addition, customers who intend to install, perform additions to, or make rearrangements of AIOD functions must give advance notice to the Company in accordance with the procedures specified in Part 68 of the FCC's rules and regulations or as otherwise authorized by the FCC.

8.7.6 Connections of a Grandfathered Terminal Equipment and Grandfathered Multi-Line Terminating Systems Connections Through Connecting Arrangements Furnished by the Company

- A. Network control signaling is performed by connecting equipment furnished, installed, and maintained by the customer.
- B. Connections specified must comply with the minimum protection criteria.

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- C. Connecting arrangements are not required and minimum protection criteria are not applicable when terminal equipment or multi-line terminating systems are connected with certain specified channels and are used for the types of transmission specified herein due to the nature of the service provided and/or the type of channels and equipment used. Those channels are Type 1001 and Type 1005, Type 2002, Type 5101 through Type 5106, Type 5202 and Series 6000.
- D. Except as otherwise provided for connections of registered equipment and unless otherwise stated herein, terminal equipment and multi-line terminating systems may be electrically connected to private line services subject to the following. Terminating equipment or multi-line terminating systems connected in accordance with the following, must comply with minimum protection criteria.
 - 1. When the terminal equipment or multi-line terminating system is connected with private line service furnished by the Company and the private line service is not arranged for connection to telecommunications services, the connection must be made to an interface provided by the Company.
 - 2. When the terminal equipment or multi-line terminating system is connected with private line service furnished by the Company and the private line service is arranged for connection to telecommunications service, the connections must be made through a connecting arrangement, except as provided herein, and the connection must be made so that the functions of network control signaling are performed by equipment furnished by the customer.

8.7.6 Connections of a Grandfathered Terminal Equipment and Grandfathered Multi-Line Terminating Systems Connections Through Connecting Arrangements Furnished by the Company (Cont'd)

- E. Data terminal equipment (including telephotograph equipment) may be connected at the customer's premises to private line service through a data access arrangement provided by the Company in accordance with the following when private line service is arranged as provided in Section 8.7.6D. The customer must furnish the equipment which performs the functions of conditioning the data signals generated by the terminal equipment to signals suitable for transmission by means of Company services, and conditioning signals transmitted by means of Company services to data signals suitable for reception by the equipment.
 - 1. When a data access arrangement is furnished in connection with terminal equipment used for both voice and data communication, the data access arrangement may be used to connect the terminal equipment for voice communication.
- F. Voice terminal equipment may be connected at the customer's premises to private line service arranged as provided in Section 8.7.6D providing that the connection must be made through a connecting arrangement furnished by the Company, and when a data access arrangement is furnished in connection with terminal equipment used for both voice and data communication, the data access arrangement may be used to connect the terminal equipment for voice communication.
- G. Attested equipment and conforming answering devices may be used with private line service subject to the provisions of Section ____.

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8.7.7 Connections of Grandfathered Terminal Equipment and Grandfathered Multi-Line Terminating Systems – Direct Connections

- A. Grandfathered terminal equipment and grandfathered multi-line terminating systems, directly connected to the private line services specified in Section 8.7.5 are subject to the minimum protection criteria.

8.7.8 Electrical Connections

- A. Minimum Protection Criteria – Since private line services utilize Company channels and equipment in common with other services it is necessary, in order to prevent excessive noise and crosstalk, that the power of the signal applied to the Company private line service be limited. Because each private line service is individually engineered, a single valued limited for all applications cannot be specified. Therefore, the power of the signal in the band above 300 Hz which may be applied by the equipment to the interface will be specified by the Company for each power allowed on the telecommunications network.
- B. To protect other services, the signal applied by the equipment to the Company interface on the customer’s premises must meet the following limits.
 - 1. The power in the band from 3,995 Hz to 4,005 Hz must be at least 18db below the power of the signal as specified in Section 8.7.8A.
 - 2. The power in the band from 4,005 Hz to 10,000 Hz must not exceed 16db below one milliwatt.
 - 3. The power in the band from 10,000 Hz to 25,000 Hz must not exceed 24db below one milliwatt.
 - 4. The power in the band from 25,000 Hz to 40,000 Hz must not exceed 36db below one milliwatt.
 - 5. The power in the band above 40,000 Hz must not exceed 50db below one milliwatt.
- C. When there is connection to telecommunications services, to prevent the interruption or disconnection of a call, or interference with network control signaling, the signal applied by the equipment to the Company interface on the customer’s premises must at no time have energy solely in the 2,450 to 2,750 Hz band. If signal power is in the 2,450 to 2,750 Hz band, it must not exceed the power present at the same time in the 800 to 2,450 Hz band.

8.7.9 Acoustic or Inductive Connections

- A. Voice or data terminal equipment (including telephotograph equipment) may be acoustically or inductively connected at the customer’s premises to a private line service provided the acoustic or inductive connection is made externally to the network control signaling unit provided by the customer.
- B. Multi-line terminating systems may be acoustically or inductively connected with private line service as specified in Section 8.7.9A provided the acoustic or inductive connection is made externally to the network control signaling unit provided by the customer. Multi-line terminating

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systems may be connected at a premises of the customer or authorized user when the customer has a regular and continuing requirement for the origination or termination of communications over the multi-line terminating systems provided the following apply.

1. The normal mode of operation of the multi-line terminating system is to provide communications originating or terminating at the premises on which the connection is made.
 2. The connection is made to channels of a Type number lower than 5500 or to Series 10000 channels furnished by the Company.
- C. At the customer's request and where a private line is arranged for joint use, a joint user of private line service may acoustically or inductively connect his own multi-line terminating system to a jointly used private line on the same basis as the customer, as specified in Section 8.7.9B.
- D. Tone-type address signaling is permitted through acoustic or inductive connections, however, the services of the Company are not designed for this use and the Company makes no representation as to the reliability of address signaling which is performed in this manner.
- E. Minimum Protection Criteria – Since private line service utilizes Company channels and equipment in common with other services, it is necessary, in order to prevent excessive noise and cross talk, that the power of the signal applied to the Company private line service be limited. Because each private line service is individually engineered, a single valued limit for all applications cannot be specified. Therefore, the power of the signal which may be applied by the equipment to the interface will be specified by the Company for each application to be consistent with the signal power allowed on the telecommunications network. To protect other services, it is necessary that the signal applied by the equipment to the interface on the customer's premises must meet the following limits at the output of the network control signaling unit.
1. The power in the band from 3,995 Hz to 4,005 Hz must be at least 18db below the power of the signal as specified in Section 9.7.9E.
 2. The power in the band from 4,005 Hz to 10,000 Hz must not exceed 16db below one milliwatt.
 3. The power in the band from 10,000 Hz to 25,000 Hz must not exceed 24db below one milliwatt.
 4. The power in the band from 25,000 Hz to 40,000 Hz must not exceed 36db below one milliwatt.
 5. The power in the band above 40,000 Hz must not exceed 50db below one milliwatt.
- F. When there is connection to telecommunications services, to prevent the interruption of or disconnection of a call, or interference with network control signaling, it is necessary that the signal applied by the equipment to the voice transmitting and receiving equipment located on the customer's premises be limited so that the signal at the output of the voice transmitting and receiving equipment must at no time have energy solely in the 2,450 to 2,750 Hz band. If there is

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signal power at the output of the voice transmitting and receiving equipment in the 2,450 to 2,750 Hz band, it must not exceed the power present at the same time in the 800 to 2,450 Hz band.

- G. A multi-line terminating system provided by an authorized user may be acoustically or inductively connected at the premises of the authorized user with Company facilities for private line service on which the authorized user has a station, provided that the following apply.
1. The normal mode of operation of the multi-line terminating system is to provide communications originating or terminating at the premises on which the connection is made.
 2. The connection is made to channels of a Type number lower than 5500 furnished by the Company.
 3. The customer has a regular and continuing requirement for communications originating or terminating at the authorized user's premises at which the connection is made.
 4. The connection is made on the same basis as specified for the customer in Section 9.7.9B.
 5. All communications over the interconnected facilities must be between the customer and authorized user and relate directly to the customer's business.

8.7.10 Connections of Customer Provided Communications Systems Not Subject to Part 68 of the FCC's Rules and Regulations

- A. Customer provided communications systems other than multi-line terminating systems connected pursuant to Section 8.7.5 and Section 8.7.6 (including channels derived from the systems), not exceeding voice grade, may be connected at the customer's, authorized user's or joint user's premises where the customer has a regular and continuing requirement for the origination or termination of communications over the customer provided communications system provided that the following apply.
1. The normal mode of operation of the customer provided communications systems is to provide communications originating or terminating at the premises on which the connection is made.
 2. The connection is made through switching equipment provided by the customer or authorized user.
 3. The connection is made to channels of a Type number lower than 5500 furnished by the Company or to channels created therefrom in accordance with the provisions for additional channels, and when the private line service is arranged as provided in Section 8.7.6D2, the connection is made through the following arrangement or equipment.
 - a. A connecting arrangement furnished by the Company, or
 - b. Registered or grandfathered terminal equipment, protective circuitry, or multi-line terminating systems subject to Part 68 of the FCC's rules and regulations

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which, either singularly or in combination, assures that all the requirements of Part 68 are met at the private line service interface, or

- c. The circuitry, equipment or systems, specified in Section 8.7.10A2 which assures that all the requirements, except signal power control, of Part 68, are met, provided the customer complies with the regulations for institutional procedures.
- B. Institutional Procedures – The customer provided communications system must be installed, operated and maintained so that the signal power (within the frequency range of 200-4,000 Hz) at the private line service interface continually complies with Part 68 of the FCC's rules and regulations. The operator/maintainer responsible for the establishment, maintenance and adjustment of the voice frequency signal power present at the private line service interface must be trained to perform these functions by successfully completing one of the following courses.
1. A training course provided by the manufacturer of the equipment used to control voice frequency signal power.
 2. A training course provided by the customer, authorized user or joint user who has responsibility for the entire communications system not subject to Part 68, using training materials and instructions provided by the manufacturer of the equipment used to control the voice frequency signaling power.
 3. An independent training course (e.g., trade school or technical institution) recognized by the manufacturer of the equipment used to control the voice frequency signal power, or in lieu of the preceding training requirements, the operator/maintainer is under the control of a supervisor trained in accordance with the preceding courses.
- C. At least ten days advance notice, in the form of a notarized affidavit, must be given to the Company before the initial connection of a customer provided communications system. A copy of the affidavit must also be maintained at the customer's premises. The affidavit must contain all of the following information.
1. The full name, business address, and telephone number, along with the signature of the customer, authorized user or joint user who has responsibility for the operation and maintenance of the communications system.
 2. Information identifying the lines to which the communications system will be connected to or arranged for connection to.
 3. A statement indicating all operations associated with establishment, maintenance, and adjustment of the signal power present at the private line service interface will comply with Part 68.
 4. A statement describing how each operator/maintainer of the communications system will meet and continue to meet the training requirements for persons installing, adjusting or maintaining such communications systems.

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- D. Upon request, the customer is required to provide proper documentation to demonstrate compliance with the requirements specified in the institutional procedures.
- E. When the connection of a customer provided communications systems is made pursuant to Section 9.7.10C, the following extraordinary procedures apply.
 - 1. The Company may invoke extraordinary procedures to protect the private line service where one or more of the following conditions are present.
 - a. Information provided in the affidavit gives reason to believe that a violation of Part 68 or the institutional procedures is likely.
 - b. Harm has occurred and there is reason to believe this harm was a result of operations performed under the institutional procedures.
 - 2. The extraordinary procedures which can be invoked by the Company include the following actions.
 - a. Requiring the use of a connecting arrangement by which either protects solely against signal power or which assures that all of the requirements of Part 68 are met at the private line service interface (this connecting arrangement may be provided by either the Company or the customer).
 - b. Discontinuing service.
- F. Customer provided communications systems may be connected with Series 5000 wideband data services furnished to the same customer at the premises of the customer or authorized user where the customer has a regular and continuing requirement for the origination or termination of communications over then customer provided communications system provided that the following apply.
 - 1. The normal mode of operation of the customer provided communications system is to provide communications originating or terminating at the premises on which the connection is made.
 - 2. The connection is made through switching equipment provided by the customer or authorized user.
 - 3. The connection is made to service terminals furnished for the transmission of sequential synchronous signals at the rate of 40.8 kbps or for the transmission of two level sequential nonsynchronous facsimile signals.
- G. Customer provided communications systems may be connected through connecting arrangements furnished by the Company with Type 10001 channels (entrance facilities) furnished for the purpose of extending the customer provided communications system to a premises of the customer or authorized user. The Type 1001 channel or channels created therefrom in accordance with the provisions for additional channels may be connected at each customer's or authorized user's premises to other customer provided communications systems in accordance with Section 8.7.10A and Section 8.7.10B.

- H. At the customer's request, and where a private line is arranged for joint use, a joint user of private line service may connect his own communications system to the jointly used private line of the same basis as specified in Sections 8.7.6, 8.7.7, 8.7.8 and 8.7.10.

- I. A communications system provided by an authorized user may be connected at the premises of the authorized user to private line services furnished by the Company to a customer on which the authorized user has a station provided that the following apply.
 - 1. The customer has a regular and continuing requirement for communications originating or terminating at the authorized user's premises at which the connection is made.
 - 2. The normal mode of operation of the communications system is to provide communications originating or terminating at the premises on which the connection is made.
 - 3. The connection is made through switching equipment provided by the customer or authorized user.
 - 4. The connection is made to channels of a Type number lower than 5500 furnished by the Company or to channels created therefrom in accordance with the provisions for additional channels.
 - 5. The connection is made on the same basis as set forth for the customer in Sections 8.7.6, 8.7.7 and 8.7.8.
 - 6. All communications over the interconnected facilities must be between the customer and authorized user and relate directly to the customer's business.

- J. A communications system provided by an authorized user may be connected at the premises of the authorized user with Series 5000 wideband data services furnished to a customer provided that the following apply.
 - 1. The customer has a regular and continuing requirement for communications originating or terminating at the authorized user's premises at which the connection is made.
 - 2. The normal mode of operation of the authorized user provided communications system is to provide communications originating or terminating at the premises on which the connection is made.
 - 3. The connection is made on the same basis as set forth for the customer in Sections 8.7.6, 8.7.7 and 8.7.8.
 - 4. The connection is made to service terminals furnished for the transmission of sequential synchronous signals at the rate of 40.8 kbps or for the transmission of two level sequential nonsynchronous facsimile signals.
 - 5. All communications over the interconnected facilities must be between the customer and authorized user and relate directly to the customer's business.

8.7.11 Reserved for Future Use

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8.7.12 Reserved for Future Use

8.7.13 Connections of Services Furnished by the Company to the Same Customer

- A. A private line may be connected to another private line if the forms of electrical communications for which they are being used are the same. These private lines may be connected, at the premises of the customer, or at the premises of the authorized user with a common service point on both private lines. Except as otherwise provided in Section 8.7.13B and 8.7.13G, the connections will be made through connecting arrangements or channel switching arrangements.
- B. Private lines for program transmission may be connected to the extent specified for Series 6000 channels.
- C. Channels created by the customer, authorized user or joint user in accordance with the provisions for additional channels may be connected at the customer's authorized user's or joint user's premises to channels of a Type number lower than 5500 or to a Type 10001 channel furnished by the Company and to channels created therefrom. The connection is subject to the regulations contained in Sections 8.7.6, 8.7.7, 8.7.8, 8.7.9 and 8.7.10.
- D. A private line for voice communications utilizing a Type 2001A, Type 2001B, Type 5201A, Type 5201B channel, or other types of channels when used alternately for voice transmission and when in the voice mode, may be connected at a PBX or other switching equipment or connecting arrangements to a central office line or WATS access line to form a through connection over the private and exchange lines where facility conditions permit. It is not contemplated that more than one type of connection will be established simultaneously and transmission is not represented as adapted to more than one connection of the combined facilities at one time.
 - 1. When a two point private line or a multi-point private line arranged for service solely between two points utilizing the above type channels is used for data transmission, through connections over the private and exchange lines may also be established as described above subject to the provisions of Sections 8.7.6, 8.7.7, 8.7.8, 8.7.9 and 8.7.10 and the rates and regulations specified in Section 20.
- E. The telecommunications network may be used in conjunction with Type 2001 or Type 5201 channels to extend the transmission and reception of pictures and similar material for publication to points not on a telephotograph network. No direct connection of the telecommunications network will be made to the above channels at the premises of the customer except where protective connecting equipment is provided for this purpose by either the Company or the customer.
- F. A private line utilizing a Type 2001A, 2001B, 5201A, 5201B or Type 10001 channel may be connected to extend the transmission and reception of pictures and similar material for publication to points not on a telephotograph network. No direct connection of the telecommunications network will be made to the above channels at the premises of the customer except where protective connecting equipment is provided for this purpose by either the Company or the customer.

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- G. Type 1001 channels may be connected to private line services on the premises of the customer where the customer or authorized user has a regular and continuing requirement for the origination or termination of communications over the customer provided communications system provided that the following apply.
 - 1. The normal mode of operation of the customer provided communications system is to provide communications originating or terminating at the premises on which the connection is made;
 - 2. The connection is made through switching equipment provided by the customer or authorized user; and
 - 3. The connection is made to channels of a Type number lower than 5500 or to Series 10000 furnished by the Company or to channels created therefrom in accordance with the provisions for additional channels.
- H. Series 1000 or Type 5100 channels may be connected at the customer's premises to a central office line or a WATS access line through switching equipment provided by the Company or the customer. The connection will be made through a data set or a data access arrangement so that the function of network control signaling is performed by equipment furnished, installed and maintained by the customer subject to the provisions of Section 8.7.6 and Section 8.7.7.
- I. Terminal equipment and multi-line terminating systems connected to the private line services specified in Section 8.7.5 in accordance with Section 8.7.13 prior to January 1, 1980, may remain connected and be moved and reconnected for the life of the equipment and multi-line terminating systems subject to Part 68 of the FCC's rules and regulations connected to such private line service must meet the requirements of Part 68.
- J. New installations of or additions to terminal equipment and multi-line terminating systems subject to Part 68, connected to the private line services specified in Section 8.7.5, in accordance with Section 8.7.13 must meet the requirements of Part 68.

8.7.14 Connections of Services Furnished by the Company to Different Customers

- A. A private line furnished to a customer may be connected in accordance with the following provisions.
 - 1. With a private line furnished to a branch or agency of the United States Government for the purposes specified in Section 8.7.14B1 and Section 8.7.14B2 provided the connection is authorized by the branch or agency to whose service the connection is made and connections are made by means of connecting or switching arrangements furnished by the customer.
 - 2. With a private line, local exchange central office line, or WATS access line furnished to a different customer provided the connection is made at the premises of an authorized user or joint users as specified herein.
 - 3. When connections involve the following types of use.

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- a. Series 6000 channels connected for purposes of program transmission.
 - b. The use of service as related to the coordination or exchange of electrical pooled power.
 - c. Channels of a Type number lower than 5000 when these are furnished for data transmission to one customer with connection to channels created by another customer. When such channels are furnished by the Company to one customer they may be connected to channels created by another customer provided the customer whose channel is to be so connected is a joint user of the individual channel from which the channels have been created by the other customer.
- B. The preceding connections will be provided only when the same types of channels (except when central office lines or WATS access lines are involved) are connected and the same forms of electrical communications are used over the connected channels.
1. When the private line is furnished to the Government for teletypewriter transmission for the collection and dissemination of weather information and the connection may be made on a receiving service basis for the reception of weather information.
 2. When the private line is furnished to the Government for voice transmission for the collection and dissemination of information relating to air traffic control activities and similar information of public interest in connection with supervision of the flight of aircraft along civil airways.
 3. A private line furnished to a customer may be connected to a private line furnished to a different customer and both private lines may be utilized by a joint user provided that the connections are in compliance with the following.
 - a. The connection is made at the premises of a party who is a joint user on both of the private lines.
 - b. The connections are through switching equipment provided by the joint user.
 - c. When the private lines are so connected, all communications over the interconnected facilities must be to or from the joint user and relate directly to his business.
- C. A joint user or a private line may connect a central office line, WATS access line or private line provided to him as a customer to that private line on which he is a joint user provided that the connection is in compliance with the following provisions.
1. The connection is made at the premises of the joint user.
 2. The connection is made through switching equipment provided by the joint user.
 3. When the connection involves a central office line or WATS access line, the connection is made so that the functions of network control signaling are performed by equipment furnished, installed and maintained by the joint user.

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4. When the private line is connected with the central office line or WATS access line, all communications over the interconnected facilities must be to or from the joint user and relate directly to his business.
 - D. A private line furnished to a customer may be connected to a different customer's private line if the different customer is an authorized user on the other customer's private line and provided that all communications over the interconnected private lines are between the customers and relate directly to their business. The connections must be made through switching equipment provided by the customer of an authorized user. Neither of the private lines being furnished can be used for foreign exchange service.
 - E. A private line furnished to a customer may be connected to a central office line furnished to a different customer provided that the customer for the central office line is an authorized user of the other customer's private line. The connection must be made through switching equipment provided by the customer or the authorized user and the connection must be made so that the functions of network control signaling are performed by equipment furnished, installed and maintained by the customer subject to all applicable provisions contained herein.
 - F. Terminal equipment and multi-line terminating systems connected to the private line services in accordance with Section 8.7.5C and Section 8.7.14, prior to January 1, 1980, may remain connected and be moved and reconnected for the life of the equipment without registration unless subsequently modified. New installations of terminal equipment or multi-line terminating systems subject to Part 68 of the FCC's rules and regulations connected to such private line services must meet the requirements of Part 68.
 - G. New installations of or additions to terminal equipment and multi-line terminating systems subject to Part 68 connected to the private line services specified in Section 8.7.5C and Section 8.7.14, must meet the requirements of Part 68.
- 8.7.15 Connections of Services Furnished by the Company with Certain Facilities of the Western Union Telegraph Company
- A. Interexchange private line channels may be furnished by the Western Union Telegraph Company to the US Department of the Army, Navy or Air Force and terminated at both ends by these Departments, or at one end by the Department and at the other end by the Company, may be connected with the Company's facilities.
 1. Interexchange private line services and channels furnished by the Western Union Telegraph Company to its customers under its tariffs for use in voice or alternate voice-data, voice-teleprinter, or facsimile-voice transmission may, when used for voice transmission and terminated at both ends by the Company as part of a service provided by the Company to the same customer under this tariff, be connected for exchange and MTS.
 - B. Channels within a communications base capacity furnished by the Company to the Western Union Telegraph Company for use by the latter as part of its plan in furnishing channels within a communications base capacity under its tariffs may also, when connected at one end by the Company in one exchange and used for voice transmission, be connected at the other end to a

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Company central office in a different exchange for foreign exchange telephone service in the latter exchange. These channels may be extended by means of channel extensions of telephone grade furnished to the Western Union Telegraph Company by the Company from a Company central office in either exchange or to a Company central office in another exchange, for foreign exchange telephone service.

- C. Private line services utilizing Series 2000 or Series 3000 channels furnished by the Company may be connected when used for voice transmission with channels for voice transmission, or channels for alternate voice-data or voice teleprinter or alternate facsimile-voice transmission, when used for voice transmission provided by the Western Union Telegraph Company under that Company's tariff. The types of channels furnished are shown in Exhibit 8.7.15-1.
- D. The rates and charges to the customer for Company provided facilities are in addition to the changes made by the Western Union Company for the services and channels which it provides.
- E. All arrangements concerning the Western Union facility are made by the customer with that carrier.
- F. Private line services utilizing Series 5000 channels may be connected, when used for voice transmission with similar channels provided by the Western Union Telegraph Company under the conditions specified in Section 8.7.15C.
- G. Terminal equipment and multi-line terminating systems connected to the private line services specified in Section 8.7.5 in accordance with Section 8.7.15 prior to January 1, 1980, may remain connected and be moved and reconnected for the life of the equipment without registration unless subsequently modified. New installations of terminal equipment and multi-line terminating systems subject to Part 68 of the FCC's rules and regulations connected to such private line service must meet the requirements of Part 68.
- H. New installations of or additions to terminal equipment and multi-line terminating systems subject to Part 68, connected to the private line services specified in Section 8.7.5 in accordance with Section 8.7.15 must meet the requirements of Part 68.

Exhibit 8.7.15-1	
Types of Channels Furnished	
Channel Type	Service(s)
2001	Voice, Alternate Voice and Data, Alternate Voice and Teletypewriter, Alternate Voice and Remote Metering, Supervisory Control and Miscellaneous Signaling, Alternate Voice and Remote Operation of Mobile radio telephone systems (when not used for remote operation), Voice used alternatively for foreign exchange service (when not used for foreign exchange service), Connections of private voice intercommunicating systems.

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3001	Alternate Voice and Remote Metering, Supervisory Control and Miscellaneous Signaling.
3002	Alternate Voice and Data

8.8 Application of Rates and Charges

8.8.1 Change in Service Arrangement

- A. When a change in service arrangement involves continued use of facilities furnished by the Company, NRCs do not apply to the facilities continued in use. The minimum service period for the facilities continued in use is determined from the date of initial installation.

8.8.2 Temporary Surrender of Service

- A. When, at the request of the Company, service is temporarily surrendered by the customer, credit is provided at the proportionate monthly contract charge in half hour multiples for each half hour or major fraction thereof for the period the service is surrendered. For the purpose of determining the amount of credit every month is considered to have 30 days.

8.8.3 Suspension of Service

- A. Upon request of the customer, private line service and associated equipment, except Series 5000 channels, that can be made inoperative without affecting other associated services of an installation may be suspended after the initial month of service subject to the following.
 1. The monthly rate applies if the period of suspension is 15 or fewer days.
 2. The reduction of rate on account of the suspension of service applies during a total of not more than nine months during any one calendar year.
 3. More than one period of suspension may be permitted in anyone calendar year provided at least one month's full charge is paid for service furnished between periods of suspension.
 4. The monthly rate during the period of suspension is 50% of the monthly rate for the service suspended. A minimum charge equal to 50% of the monthly rate applies to periods of suspension of less than 30 days. The combined charge for one month for both suspension of service and regular service cannot exceed the monthly rate for service if the service were not suspended.

8.8.4 Regular Working Hours

- A. Rates and charges reflect that work will be performed during regular working hours and that work once begun will not be interrupted by the customer, authorized user or joint user. If the customer, authorized user or joint user requests work to be performed outside of regular working hours (either to meet their convenience or because the time allowed is insufficient to permit completion during regular hours), or if the customer, authorized user or joint user

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interrupts work that has begun, the customer may be required to pay any additional costs incurred.

8.8.5 Mileage Measurements

- A. Intraexchange Mileage measurements are determined as set forth in this tariff for the appropriate Series and Type channel.
- B. Interexchange Mileage – For the purpose of determining rate distances, a V&H coordinate system is used. The V&H system consists of a series of coordinates which represents a theoretical grid of vertical and horizontal lines covering the State of Maine. The location of rate center expressed in latitude and longitude is converted mathematically to its grid location, that is Vertical V and Horizontal H coordinates. These coordinates permit calculation of the rate mileage distance between any two rate centers.
 - 1. Two Point Service – The interexchange mileage is the airline distance per mile between rate centers of the service points (exchanges at which connection is made with local channels).
 - a. Series 6000 Channels – The interexchange mileage is the airline distance (fractional miles being considered as full miles) between rate centers of the service points (exchanges at which connection is made with local channels) mathematically determined in accordance with V&H coordinate system of calculation of the distance between rate centers.
 - 2. Multi-point Service – The interexchange mileage for multi-point service is that combination of airline distances connecting service points which will produce the lowest total interexchange mileage charge. The airline distance between each pair of points is determined in accordance with Section 8.8.5B1.
 - a. Series 6000 Channels – The interexchange mileage for Series 6000 multi-point service is that combination of airline distances connecting service points which will produce the lowest total interexchange mileage charge. The airline distance between each pair of points is determined in accordance with Section 9.8.5B1 for Series 6000 channels. As an exception, when the customer requests that the service points be connected in a specified sequence, the interexchange mileage is the shortest airline mileage determined in accordance with the Section 8.8.5B1 for Series 6000 channels which will connect the service points in the specified sequence.
- C. Local Channels Schedule F – The local channel mileage is the airline distance in quarter miles (fractional quarter miles being considered as full quarter miles) measured directly on a standard map between the following locations.
 - 1. Two stations
 - 2. The studio and first distributing center or point of connection with an interexchange channel.

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3. Between distributing centers, using the shortest airline distance connecting all distributing centers.
4. A distributing center and the station served therefrom.

8.9 Reserved for Future Use.

8.10. Packet Switching Service (PSS)

8.10.1 General

Rates and charges for services explained herein are contained in Section 20.

8.10.1.1 Description

- A. PSS provides synchronous and asynchronous network transport of data through the network which usually involves relatively short bursts of data. The data are separated into discrete segments called packets for high speed transmission through the network. All packets are interleaved (statistically multiplexed) on the facilities as they are transmitted. These packets may contain up to 256 characters of data.
 1. Asynchronous transmission is a form of communications whereby each data character is individually synchronized by means of start and stop elements. Asynchronous service supports start stop mode operations with ASCII codes at speeds up to 9.6 kbps. With asynchronous access, the access concentrator will perform a built in Packet Assembler/Disassembler (PAD) function to convert the data into packets utilizing a common protocol (X.25) and route them through the network to the specified destination.
- B. Routing and control information (packet header) is automatically inserted at the beginning of each packet, and error detection information (packet trailer) is automatically inserted at the end of each packet. Complete with this information, the entire packet is routed through the network to its intended destination.
 1. Error checking is performed on each packet as it is transmitted through the network. If a packet and/or format error is detected, the sending equipment is automatically instructed to retransmit the message. A message may consist of a single packet or multiple packets.
- C. The major components of the packet network are Access Concentrators (AC) which perform the interfacing and concentration functions (statistical multiplexing), the packet switch which performs switching, routing and interfacing functions, and, the network facilities.
- D. PSS will be furnished only when the customer has subscribed to an adequate number of port connections or logical channels as established by the Company to accommodate the service requested, (i.e., originating, terminating or two-way calling) without impairing the network.
- E. PSS is provided where suitable facilities are available.

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8.10.1.2 Service Options

- A. Various options permit customer flexibility in specifying how they operate on the network. These options are Switched Virtual Circuit service and Permanent Virtual Circuit service. In addition, optional features are available which expand customer capabilities on the PSS service network. Switched and permanent virtual circuits may be designated as one-way incoming, one-way outgoing, or two-way.
 - 1. Additional restrictions may be placed on the circuits to allow DTE to place calls only to predesignated DTE or to receive calls only from predesignated DTE or to restrict both the origination and termination of calls.
 - a. Switched Virtual Circuit (SVC) service is a standard PSS service and utilizes a temporary switched data connection which permits an end user to establish a call to another point on the network.
 - b. Permanent Virtual Circuit (PVC) service is an optional type of PSS service. It provides the customer with the electronic equivalent of a private line between two points. At the time of subscription to this form of service, a virtual circuit is established between two specific customer locations which are connected to the network. While no physical circuits are dedicated the two locations are electronically connected together.
- B. Closed User Groups - The customer has the option of establishing Closed User Groups which permit the customer to arrange a subnetwork within the public packet switching network. This option provides for communications only between predesignated terminals on the network.
- C. The packet switching network may be accessed through either an access concentrator or a packet switch. Customers with low to medium throughput transmission requirements will access the packet switching network through the access concentrator at data rates of up to 9.6 kbps. Customers with high throughput transmission requirements will access the packet switching network through the packet switch at data rates of 9.6 to 56 kbps.

8.10.1.3 Service Components - Synchronous

- A. The service components which apply to synchronous PSS are port connections, network usage, and optional features.
 - 1. Port Connections - Each port connection comes with one logical channel. The two types of port connections are access concentrator port connections, and packet switch port connections.
 - a. Access Concentrator Port Connection (Low to Medium Throughput) provides the customer with dedicated access to a port on the access concentrator at transmission speeds of up to 9.6 kbps using Digital service II, DOV or Type 3002 private line channels. This type of connection has both originating and

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terminating capabilities using X.25 protocol. The X.25 protocol provides the capability of establishing multiple virtual communication links from the customer's premises through the packet switching network. The maximum number of logical channels available is 32 per port.

- b. Packet Switch Port Connection (High Throughput) is available through Private Line Type 3002, DDS, or DDSII channels, to provide a direct connection between a customer's premises and a port on the packet switch. This arrangement supports transmission speeds of 9.6 or 56 kbps. The packet switch port connection has the capability of establishing multiple communication links from the customer's premises through the packet switching network and is available with either X.25 or X.75 protocol. The X.25 and X.75 protocols provide the capability of establishing multiple virtual communication links from the customer's premises through the packet switching network. The maximum number of logical channels available is 127 per port at 9.6 kbps and 511 channels per port at 56 kbps.
2. Network Usage on the packet switching network is comprised of call set-up, packet transport, transaction, or per minute. Usage charges may be billed to the originator or received of packets, as arranged for on each call. Packet switching network usage is aggregated per billing month. When more than 2,500 kilopackets are transmitted in a billing month, rates are discounted. Call detail is provided as a chargeable option feature.
 - a. Call Setup initiates a request on a switched virtual circuit for the establishment of a virtual channel for the duration of the call.
 - b. Packet Transport provides for the routing of packets over the packet switching network. Usage charges are based on the number packet transmitted (either sent or received while the call is on the PSS service network). The minimum unit of billing is a kilopacket.
 - c. Transaction - A billing arrangement with point of sale applications, where customers have a need to transfer small amounts of data many times a day, (e.g., credit verifications). A transaction is defined as ten packets or fraction thereof.
 - d. Per Minute- The duration of each call is recorded in minutes and seconds and rounded to the nearest minute at the end of the month.
 3. Optional Features provides the customer with additional capabilities for interaction with the PSS service packet switching network and should be selected by the customer at the time of subscription.
 - a. Abbreviated Addressing allows the customer to specify an alphanumeric code of up to 16 characters that can be used in place of a data telephone number for easier end user access.
 - b. Additional Logical Channel allows the customer to simultaneously operate multiple channels on a single port.

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- c. Call Detail - Provides for magnetic tape or printed detail of each call billed to the customer for use of the PSS service packet switching network. This option is available on either a continuous monthly basis or on a per request basis.
- d. Call Rerouting - is a data call forwarding capability that allows the customer to predefine one alternate destination to which calls will be rerouted in the event of a failure or busy condition at the primary destination.
- e. Closer User Group allows the customer to establish a subnetwork among a restricted number of other users within the PSS service packet switching network who can communicate privately with each other. Members of the closed user group may be designated as having incoming, outgoing, or restricted access.
- f. Multiple Network Address allows a customer to subscribe to additional data terminal numbers in groups of ten. These numbers can be used with existing packet network connections and allow messages to be delivered to the customer's pre-specified destinations.
- g. Permanent Virtual Circuit is a circuit which is the electronic equivalent of a dedicated private line between two destination network addresses.

8.10.1.4 Service Components - Asynchronous

- A. The service components which apply to asynchronous PSS are access concentrator port connections, network usage, and optional features.
 - 1. Access Concentrator Port Connections include public dial in access, private dial in access, private dial out access and dedicated access.
 - a. Public Dial In Access for originating calls only, is initiated by dialing a PSS packet switching service network number via an exchange line. Applicable local usage and toll charges apply for each completed call to the PSS packet switching service network access number. Public dial in access supports asynchronous protocol and transmission speeds of up to 9.6 kbps. A Network User Identification (NUI) code may be required for log-on to the network.
 - b. Private Dial In Access is the same as the public dial in access port connection except that it is dedicated to one customer and supports transmission speeds of 9.6 kbps. Private dial in access is initiated via a line which connects the end user to the central office circuit switch; the line may be any type which has a dial up network exchange capability. A separate business line with dial up network exchange capability, excluding Centrex and Feature Group A (GA), is required to provide the customer who subscribes to the private dial in port with a connection from the central office circuit switch to the access concentrator. The customer who subscribes to the private dial in port will be billed for the additional line.

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- c. Private Dial Out Access enables a customer who already has access into PSS, to place call out of an access concentrator to a destination on the circuit switched network. This port connection is dedicated to one customer and supports transmission speeds up to 2.4 kbps. A separate business line, as specified for the private dial in port connections is required to connect the central office circuit switch to the access concentrator. The customer is responsible for all appropriate charges that apply to the exchange line as well as for charges that apply to the outgoing call.
 - d. Dedicated Access Port Connection provides dedicated access from a customer's premises to a port on the access concentrator at transmission speeds of up to 9.6 kbps using Private Line Type 3002 channels for intraexchange and interexchange channels.
2. Network Usage for asynchronous service is the same as for synchronous service.
- a. Network User Interface (NUI) Code is an alphanumeric code which identifies the user to the PSS network.
 - b. Autoconnect - A subscriber may specify a frequently called address whose connection would be automatically made when a specific NUI is entered. The Information Provider (IP) may request to auto connect type NUI to provide to their subscribers or the end user NUI is prearranged to activate the autoconnect feature.
 - c. Closed User Group
 - d. Permanent Virtual Clock
 - e. Call Detail
 - f. Call Rerouting

8.10.2 Regulations

8.10.2.1 Application of Rates and Charges

A. PSS Packet Switching - Synchronous

- 1. Central Office Interface - Rates and charges apply for each interface
 - a. For interface option changes, service charges apply.
- 2. Packet Switch Port Connections - High Throughput - Rates and charges included central office equipment at the packet switch and appropriate interface arrangements.
 - a. Rates and charges for Private Line Type 3002 channels and DDS, DDSII, or DOV, apply as appropriate for each channel connected to a packet switch.
- 3. Access Concentrator Port Connections - Low to Medium Throughput - Rates and charges include central office equipment at the access concentrator. In addition, the service requires a Private Line type 3002 channel or a point of serving wire center arrangement (i.e., DOV or DDSII), as appropriate and a central office interface.

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- a. Rates and charges for Private Line Type 3002 channels and for DDS, DDSII or DOV, apply as appropriate for each channel Connected to an access concentrator.
- B. PSS Packet Switching-Asynchronous
 1. Access Concentrator Port Connection - Rates and charges are dependent upon the type of port connection access selected by the customer.
 - a. In addition, the service requires a Private Line Type 3002 channel from the customer's location to the access concentrator and a central office interface.
- C. Network Usage - Charges for synchronous and asynchronous service are based on calls originated to the network addresses in the serving area. A charge applies for packets transmitted during virtual connection. Packets are accumulated and billed on a monthly basis. Transaction rates are billed per transaction, up to ten packets. Under transaction, holding time, and kilopackets do not apply. With Asynchronous service an additional service usage charge applies when access to the PSS service network via public dial.
 1. Packet transport data packet rates are time of day sensitive. The time of day periods are as follows:
 - a. Day - 8AM-5PM
 - b. Evening - 5PM-11PM
 - c. Night - 11PM-8AM
- D. Optional Features - When installed subsequent to initial PSS service, optional features are subject to nonrecurring charges. When optional features are requested subsequent to the initial PSS service order, one or more optional features per port may be included, per service order, for the one nonrecurring charge. A nonrecurring charge is not applicable when optional features are ordered in conjunction with the initial PSS service.
 1. Call Detail may also be provided on a per request basis at the same rate as the monthly rate.
- E. Software Changes - When software changes are requested subsequent to the initial PSS service order, one or more software changes per port may be included, per service order for the one nonrecurring charge. A nonrecurring charge is not applicable when software changes are ordered in conjunction with the initial PSS service.
- F. Service Charges apply as appropriate, and are in addition to the rates and charges for services specified herein.
- G. Move and Change - Service charges apply.
- H. The Feature based Payment Option (FPO) is an optional method of payment for customers who commit to a minimum or equivalent of 2,500 kilopackets of usage per month.

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