

INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT

BETWEEN

GTE SOUTH INCORPORATED

AND

U.S. DIAL TONE, L.P.

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This Interconnection, Resale and Unbundling Agreement (the "Agreement"), is by and between GTE South Incorporated, with its address for purposes of this Agreement at 600 Hidden Ridge Drive, Irving, Texas 75038 ("GTE"), and U.S. Dial Tone, L.P., in its capacity as a certified Provider of local two-way wireline dial-tone service ("US Dial Tone"), with its address for this Agreement at 23705 I.H. 10 West, Suite 300, San Antonio, TX 78257 (GTE and US Dial Tone being referred to collectively as the "Parties" and individually as a "Party"). This Agreement covers services in the State of Kentucky only (the "State").

WHEREAS, interconnection between competing Local Exchange Carriers (LECs) is necessary and desirable for the mutual exchange and termination of traffic originating on each LEC's network; and

WHEREAS, the Parties desire to exchange such traffic and related signaling in a technically and economically efficient manner at defined and mutually agreed upon interconnection points; and

WHEREAS, the Parties wish to enter into an agreement to interconnect their respective telecommunications networks on terms that are fair and equitable to both Parties; and

WHEREAS, Section 251 of the Telecommunications Act of 1996 (the "Act") imposes specific obligations on LECs with respect to the interconnection of their networks, resale of their telecommunications services, access to their poles, ducts, conduits and rights-of-way and, in certain cases, the offering of certain Unbundled Network Elements (UNEs) and physical collocation of equipment in LEC premises;

WHEREAS, GTE is entering, under protest, into certain aspects of this Agreement that incorporate adverse results from the arbitrated agreements approved by the Commission in this state and is doing so in order to avoid the expense of arbitration while at the same time preserving its legal positions, rights and remedies, pursuant to Article III, Section 49;

NOW, THEREFORE, in consideration of the mutual provisions contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, GTE and US Dial Tone hereby covenant and agree as follows:

ARTICLE I
SCOPE AND INTENT OF AGREEMENT

Pursuant to this Agreement, the Parties will extend certain arrangements to one another within each area in which they both operate within the State for purposes of interconnection and the exchange of traffic between their respective end-user customers, and reciprocal access to poles, ducts, conduits and rights-of-way. This Agreement also governs the purchase by US Dial Tone of certain telecommunications services provided by GTE in its franchise areas for resale by US Dial Tone, the purchase by US Dial Tone of certain Unbundled Network Elements from GTE, and the terms and conditions of the collocation of certain equipment of US Dial Tone in the premises of GTE. This Agreement is an integrated package that reflects a balancing of interests critical to the Parties. This Agreement will be submitted to the Kentucky Public Service Commission (the "Commission") for approval. The Parties agree that their entrance into this Agreement is without prejudice to and does not waive any positions they may have taken previously, or may take in the future, in any legislative, regulatory, judicial or other public forum addressing any matters, including matters related to the same types of arrangements and/or matters related to GTE's cost recovery covered in this Agreement. US Dial Tone agrees to negotiate reciprocal terms and conditions with GTE based on this Agreement. GTE's execution of this Agreement is not a concession or waiver in any manner concerning its position that certain rates, terms and conditions contained herein are unlawful, illegal and improper.

The services and facilities to be provided to US Dial Tone by GTE in satisfaction of this Agreement may be provided pursuant to GTE tariffs and then current practices. Should such services and facilities be modified by tariff or by Order, including any modifications resulting from other Commission proceedings, federal court review or other judicial action, and unless otherwise specified herein, such modifications will be deemed to automatically supersede any rates and terms and conditions of this Agreement. The Parties shall cooperate with one another for the purpose of incorporating required modifications into this Agreement.

ARTICLE II
DEFINITIONS

1. General Definitions.

Except as otherwise specified herein, the following definitions shall apply to all Articles and Appendices contained in this Agreement. Additional definitions that are specific to the matters covered in a particular Article may appear in that Article. To the extent that there may be any conflict between a definition set forth in this Article II and any definition in a specific Article or Appendix, the definition set forth in the specific Article or Appendix shall control with respect to that Article or Appendix.

1.1 **Access Service Request (ASR)**

An industry standard form, which contains data elements and usage rules used by the Parties to add, establish, change or disconnect services or trunks for the purposes of Interconnection.

1.2 **Act**

The Telecommunications Act of 1996, Public Law 104-104 of the 104th United States Congress effective February 8, 1996.

1.3 **Affiliate**

A person, corporation or other legal entity that, directly or indirectly, owns or controls a Party, or is owned or controlled by, or is under common ownership or control with a Party.

1.4 **Answer Supervision**

An off-hook supervisory signal.

1.5 **Applicable Law**

All laws, statutes, common law, regulations, ordinances, codes, rules, guidelines, orders, permits, and approvals of any Governmental Authority, which apply or relate to the subject matter of this Agreement.

1.6 **As-Is Transfer (AIT)**

The transfer of all telecommunications services and features available for resale, that are currently being provided for a specific account, without the requirements of a specific enumeration of the services and features on the Local Service Request (LSR).

1.7 **Automatic Location Identification/Data Management System (ALI/DMS)**

1.8 **Automated Message Accounting (AMA)**

The structure inherent in switch technology that initially records telecommunication message information. AMA format is contained in the Automated Message Accounting document, published by Telcordia Technologies as GR-1100-CORE which defines the industry standard for message recording.

1.9 **Automatic Number Identification (ANI)**

The number transmitted through the network identifying the calling party.

1.10 **Basic Local Exchange Service**

Voice grade access to the network that provides: the ability to place and receive calls; touch-tone service, access to operator services; access to directory assistance; access to emergency services (E911); access to telephone relay service (TRS); access to interexchange carriers of the customer's choice; standard white pages directory listing; and toll blocking for low-income consumers participating in Lifeline (subject to technical feasibility).

1.11 **Bill-and-Keep Arrangement**

A compensation arrangement whereby the Parties do not render bills to each other for the termination of Local Traffic specified in this Agreement and whereby the Parties terminate local exchange traffic originating from end-users served by the networks of the other Party without explicit charging among or between said carriers for such traffic exchange.

1.12 **Bona Fide Request (BFR)**

Process intended to be used when requesting customized Service Orders for certain services, features, capabilities or functionality defined and agreed upon by the Parties as services to be ordered as BFRs.

1.13 **Business Day**

Monday through Friday, except for holidays on which the U.S. mail is not delivered.

1.14 **Central Office Switch**

A switch used to provide telecommunications services including (1) End Office Switches which are Class 5 switches from which end-user Exchange Services are directly connected and offered, and (2) Tandem Office Switches which are Class 4 switches which are used to connect and switch trunk circuits between and among central office switches. Central office switches may be employed as combination end office/tandem office switches (combination Class 5/Class 4).

1.15 **Centralized Message Distribution System (CMDS)**

1.17 **Commission**

The Kentucky Public Service Commission.

1.18 **Common Channel Signaling (CCS)**

A high-speed specialized packet-switched communications network that is separate (out-of-band) from the public packet-switched and message networks. CCS carries addressed signaling messages for individual trunk circuits and/or database-related services between Signaling Points in the CCS network using SS7 signaling protocol.

1.19 **Competitive Local Exchange Carrier (CLEC)**

Any company or person authorized to provide local exchange services in competition with an ILEC.

1.20 **Compliance**

Environmental and safety laws and regulations based upon a federal regulatory framework, with certain responsibilities delegated to the States. An environmental/safety compliance program may include review of applicable laws/regulations, development of written procedures, training of employees and auditing.

1.21 **Conversation Time**

The time that both Parties' equipment is used for a completed call, measured from the receipt of Answer Supervision to the receipt of Disconnect Supervision.

1.22 **Currently Available**

Existing as part of GTE's network at the time of the requested order or service and does not include any service, feature, function or capability that GTE either does not provide to itself or to its own end users, or does not have the capability to provide.

1.23 **Customer**

GTE or US Dial Tone, depending on the context and which Party is receiving the service from the other Party.

1.24 **Customer Service Record Search**

Applied to LSR when CLEC requests a customer service record search prior to account conversion from GTE or from another CLEC. Search typically is for basic account information, listing/directory information, service and equipment listing, and billing information. Applied on a per requested loop and/or port basis.

1.25 **Dedicated Transport**

- 1.27 **DS-1**
A service carried at digital signal rate of 1.544 Mbps.
- 1.28 **DS-3**
A service carried at digital signal rate of 44.736 Mbps.
- 1.29 **Electronic File Transfer**
A system or process which utilizes an electronic format and protocol to send/receive data files.
- 1.30 **Enhanced Service Provider (ESP) /Internet Service Provider (ISP) Traffic**
Traffic bound to any Enhanced Service Provider or Internet Service Provider. ESP/ISP Traffic is separate and distinct from Local Traffic.
- 1.31 **E-911 Service**
A method of routing 911 calls to a PSAP that uses a customer location database to determine the location to which a call should be routed. E-9-1-1 service includes the forwarding of the caller's Automatic Number Identification (ANI) to the PSAP where the ANI is used to retrieve and display the Automatic Location Identification (ALI) on a terminal screen at the answering Attendant's position. It usually includes selective routing.
- 1.32 **Exchange Message Record (EMR)**
An industry standard record used to exchange telecommunications message information among CLECs for billable, non-billable, sample, settlement and study data. EMR format is defined in BR-010-200-010 CRIS Exchange Message Record, published by Telcordia Technologies.
- 1.33 **Exchange Service**
All basic access line services, or any other services offered to end users which provide end users with a telephonic connection to, and a unique telephone number address on, the Public Switched Telecommunications Network (PSTN), and which enable such end users to place or receive calls to all other stations on the PSTN.
- 1.34 **Expanded Interconnection Service (EIS)**
A service that provides interconnecting carriers with the capability to terminate basic fiber optic transmission facilities, including optical terminating equipment and multiplexers, at GTE's wire centers and access tandems and interconnect those facilities with the facilities of GTE. Microwave is available on a case-by-case basis where feasible.

1.37 **Generator**

Under the Resource Conservation Recovery Act (RCRA), the person whose act produces a hazardous waste (40 CFR 261) or whose act first causes a hazardous waste to become subject to regulation. The generator is legally responsible for the proper management and disposal of hazardous wastes in accordance with regulations (see reference in Article III, Section 47).

1.38 **GTE Guide**

The GTE Open Market Transition Order/Processing Guide, LSR Guide, and Products and Services Guide which contain GTE's operating procedures for ordering, provisioning, trouble reporting and repair for resold services and unbundled elements and GTE's CLEC Interconnection Guide which provides guidelines for obtaining interconnection of GTE's Switched Network with the networks of all certified CLECs for reciprocal exchange of traffic. Except as specifically provided otherwise in this Agreement, service ordering, provisioning, billing and maintenance shall be governed by the Guide which may be amended from time to time by GTE as needed.

1.39 **GTOC**

GTE Telephone Operating Company.

1.40 **Hazardous Chemical**

As defined in the U.S. Occupational Safety and Health (OSHA) hazard communication standard (29 CFR 1910.1200), any chemical which is a health hazard or physical hazard.

1.41 **Hazardous Waste**

As described in Resource Conservation Recovery Act (RCRA), a solid waste(s) which may cause, or significantly contribute to an increase in mortality or illness or pose a substantial hazard to human health or the environment when improperly treated, stored, transported or disposed of or otherwise managed because of its quantity, concentration or physical or chemical characteristics.

1.42 **Imminent Danger**

As described in the Occupational Safety and Health Act and expanded for environmental matters, any conditions or practices at a facility which are such that a danger exists which could reasonably be expected to cause death or serious harm or significant damage to the environment or natural resources.

1.43 **Incumbent Local Exchange Carrier (ILEC)**

Any local exchange carrier that was as of February 8, 1996, deemed to be a member of the Exchange Carrier Association as set forth in 47 C.F.R. §69.601(b) of the FCC's

1.46 **Interconnection Point (IP)**

The physical point on the network where the two parties interconnect. The IP is the demarcation point between ownership of the transmission facility.

1.47 **Interexchange Carrier (IXC)**

A telecommunications service provider authorized by the FCC to provide interstate long distance communications services between LATAs and is authorized by the State to provide inter- and/or intraLATA long distance communications services within the State.

1.48 **Interim Number Portability (INP)**

The delivery of Local Number Portability (LNP) capabilities, from a customer standpoint in terms of call completion, with as little impairment of functioning, quality, reliability, and convenience as possible and from a carrier standpoint in terms of compensation, through the use of existing and available call routing, forwarding, and addressing capabilities.

1.49 **Internetwork Facilities**

The physical connection of separate pieces of equipment, transmission facilities, etc., within, between and among networks, for the transmission and routing of exchange service and exchange access.

1.50 **ISDN User Part (ISUP)**

A part of the SS7 protocol that defines call setup messages and call takedown messages.

1.51 **Line Information Data Base (LIDB)**

One or all, as the context may require, of the Line Information databases owned individually by GTE and other entities which provide, among other things, calling card validation functionality for telephone line number cards issued by GTE and other entities. A LIDB also contains validation data for collect and third number-billed calls; i.e., Billed Number Screening.

1.52 **Line Side**

Refers to an end office switch connection that has been programmed to treat the circuit as a local line connected to an ordinary telephone station set. Line side connections offer only those transmission and signaling features appropriate for a connection between an end office and an ordinary telephone set.

1.53 **Local Access and Transport Area (LATA)**

A geographic area for the provision and administration of communications service; i.e., intraLATA or interLATA.

1.56 **Local Number Portability (LNP)**

The ability of users of telecommunications services to retain, at the same location, existing telecommunications numbers without impairment of quality, reliability, or convenience when switching from one telecommunications carrier to another.

1.57 **Local Service Request (LSR)**

The industry standard form, which contains data elements and usage rules, used by the Parties to establish, add, change or disconnect resold services and unbundled elements for the purposes of competitive local services.

1.58 **Local Traffic**

Traffic that is originated by an end user of one Party and terminates to the end user of the other Party within GTE's then current local serving area, including mandatory local calling scope arrangements. A mandatory local calling scope arrangement is an arrangement that provides end users a local calling scope, Extended Area Service (EAS), beyond their basic exchange serving area. Local Traffic does not include optional local calling scopes (i.e., optional rate packages that permit the end user to choose a local calling scope beyond their basic exchange serving area for an additional fee), referred to hereafter as "optional EAS". Local Traffic excludes Enhanced Service Provider (ESP) and Internet Service Provider (ISP) traffic, including but not limited to Internet, 900-976, etc., and Internet Protocol based long distance telephony.

1.59 **Loop Facility Charge**

A charge applied to LSRs when field work is required for establishment of unbundled loop service. Applied on a per LSR basis.

1.60 **Main Distribution Frame (MDF)**

The distribution frame used to interconnect cable pairs and line trunk equipment terminating on a switching system.

1.61 **Meet-Point Billing (MPB)**

Refers to an arrangement whereby two LECs jointly provide the transport element of a switched access service to one of the LEC's end office switches, with each LEC receiving an appropriate share of the transport element revenues as defined by the effective access tariffs.

1.62 **Mid-Span Fiber Meet**

An Interconnection architecture whereby two carriers' fiber transmission facilities meet at a mutually agreed-upon IP.

1.64 **Multiple Exchange Carriers Ordering and Design Guidelines for Access Services - Industry Support Interface (MECOD)**

A document developed by the Ordering/Provisioning Committee under the auspices of the Ordering and Billing Forum (OBF), which functions under the auspices of the Carrier Liaison Committee (CLC) of the Alliance for Telecommunications Industry Solutions (ATIS). The MECOD document, published by Telcordia Technologies as Special Report SR-STIS-002643, establishes methods for processing orders for access service which is to be provided by two or more LECs.

1.65 **Network Interface Device (NID)**

The point of demarcation between the end user's inside wiring and GTE's facilities.

1.66 **911 Service**

A universal telephone number which gives the public direct access to the PSAP. Basic 911 service collects 911 calls from one or more local exchange switches that serve a geographic area. The calls are then sent to the correct authority designated to receive such calls.

1.67 **North American Numbering Plan (NANP)**

The system of telephone numbering employed in the United States, Canada, and Caribbean countries that employ NPA 809.

1.68 **Numbering Plan Area (NPA)**

Also sometimes referred to as an area code, is the three digit indicator which is defined by the "A", "B", and "C" digits of each 10-digit telephone number within the NANP. Each NPA contains 800 possible NXX Codes. There are two general categories of NPA, "Geographic NPAs" and "Non-Geographic NPAs". A Geographic NPA is associated with a defined geographic area, and all telephone numbers bearing such NPA are associated with services provided within that geographic area. A Non-Geographic NPA, also known as a "Service Access Code" or "SAC Code" is typically associated with a specialized telecommunications service which may be provided across multiple geographic NPA areas. 800, 900, 700, and 888 are examples of Non-Geographic NPAs.

1.69 **NXX, NXX Code, Central Office Code or CO Code**

The three digit switch entity indicator which is defined by the "D", "E", and "F" digits of a 10-digit telephone number within the NANP. Each NXX Code contains 10,000 station numbers.

1.70 **Owner or Operator**

As used in OSHA regulations, owner is the legal entity, including a lessee, which exercises

1.72 **Pole Attachment**

Refers to the definition set forth in Article X.

1.73 **Provider**

GTE or US Dial Tone depending on the context and which Party is providing the service to the other Party.

1.74 **Public Safety Answering Point (PSAP)**

An answering location for 9-1-1 calls originating in a given area. A PSAP may be designated as Primary or Secondary, which refers to the order in which calls are directed for answering. Primary PSAPs respond first; Secondary PSAPs receive calls on a transfer basis only, and generally serve as a centralized answering location for a particular type of emergency call. PSAPs are staffed by employees of Emergency Response Agencies (ERAs) such as police, fire or emergency medical agencies or by employees of a common bureau serving a group of such entities.

1.75 **Rate Center**

The specific geographic point and corresponding geographic area that are associated with one or more particular NPA-NXX Codes that have been assigned to a LEC for its provision of Exchange Services. The geographic point is identified by a specific Vertical and Horizontal (V&H) coordinate that is used to calculate distance-sensitive end user traffic to/from the particular NPA-NXXs associated with the specific Rate Center.

1.76 **Right-of-way (ROW)**

The right to use the land or other property of another party to place poles, conduits, cables, other structures and equipment, or to provide passage to access such structures and equipment. A ROW may run under, on, or above public or private property (including air space above public or private property) and may include the right to use discrete space in buildings, building complexes, or other locations.

1.77 **Routing Point**

Denotes a location that a LEC has designated on its network as the homing (routing) point for traffic that terminates to Exchange Services provided by the LEC that bear a certain NPA-NXX designation. The Routing Point is used to calculate airline mileage for the distance-sensitive transport element charges of Switched Access Services. Pursuant to Telcordia Technologies Practice BR795-100-100, the Routing Point may be an end office location, or a "LEC Consortium Point of Interconnection." The Routing Point must be in the same LATA as the associated NPA-NXX.

1.78 **Service Control Point (SCP)**

1.80 **Shared Transport**

The physical interoffice facility not dedicated to any one customer, that is used to transport a call between switching offices. A central office switch translates the end user dialed digits and routes the call over a Common Transport Trunk Group that rides interoffice transmission facilities. These trunk groups and the associated interoffice transmission facilities are accessible by any end user (GTE end user or US Dial Tone end user when US Dial Tone has purchased unbundled local switching), and are referred to as “shared transport facilities”.

1.81 **Signaling Point (SP)**

A node in the CCS network that originates and/or receives signaling messages, or transfers signaling messages from one signaling link to another, or both.

1.82 **Signaling System 7 (SS7)**

The signaling protocol, Version 7, of the CCS network, based upon American National Standards Institute (ANSI) standards.

1.83 **Signal Transfer Point (STP)**

A packet switch in the CCS network that is used to route signaling messages among SSPs, SCPs and other STPs in order to set up calls and to query databases for advanced services. GTE's network includes mated pairs of local and regional STPs. STPs are provided in pairs for redundancy. GTE STPs conform to ANSI T1.111-8 standards.

1.84 **Subsidiary**

A corporation or other legal entity that is majority owned by a Party.

1.85 **Subsequent Service Order**

Applied to LSRs requesting a service change to an existing unbundled account (no CLEC transfer). For disconnect-only LSRs, no NRC will be applied.

1.86 **Synchronous Optical Network (SONET)**

Synchronous electrical (STS) or optical channel (OC) connections between LECs.

1.87 **Switched Access Service**

The offering of facilities for the purpose of the origination or termination of traffic to or from Exchange Service customers in a given area pursuant to a switched access tariff. Switched Access Services include: Feature Group A, Feature Group B, Feature Group C, Feature Group D, 800 access and 900 access services.

1.89 **Telecommunications Services**

The offering of telecommunications for a fee directly to the public, or to such classes of users as to be effectively available directly to the public, regardless of the facilities used.

1.90 **Third Party Contamination**

Environmental pollution that is not generated by the LEC or US Dial Tone but results from off-site activities impacting a facility.

1.91 **Transfer of Service**

A charge applied to LSR's which involve account changes (e.g., CLEC to CLEC transfers, DA & CPE billing changes on Unbundled Ports).

1.92 **Trunk Side**

Refers to a central office switch connection that is capable of, and has been programmed to treat the circuit as, connecting to another switching entity, for example, to another central office switch. Trunk side connections offer those transmission and signaling features appropriate for the connection of switching entities and cannot be used for the direct connection of ordinary telephone station sets.

1.93 **Unbundled Network Element (UNE)**

Generally a facility or equipment used in the provision of a Telecommunications Service. Specific references to UNEs contained throughout this Agreement shall be to the network elements that are to be unbundled pursuant to Article VII of this Agreement.

1.94 **Undefined Terms**

Terms that may appear in this Agreement which are not defined. Parties acknowledge and agree that any such terms shall be construed in accordance with customary usage in the telecommunications industry as of the effective date of this Agreement.

1.95 **Vertical Features (including CLASS Features)**

Vertical services and switch functionalities provided by GTE, including: Automatic Call Back; Automatic Recall; Call Forwarding Busy Line/Don't Answer; Call Forwarding Don't Answer; Call Forwarding Variable; Call Forwarding - Busy Line; Call Trace; Call Waiting; Call Number Delivery Blocking Per Call; Calling Number Blocking Per Line; Cancel Call Waiting; Distinctive Ringing/Call Waiting; Incoming Call Line Identification Delivery; Selective Call Forward; Selective Call Rejection; Speed Calling; and Three Way Calling/Call Transfer.

1.96 **Wire Center**

ARTICLE III
GENERAL PROVISIONS

1. Scope of General Provisions.

Except as may otherwise be set forth in a particular Article or Appendix of this Agreement, in which case the provisions of such Article or Appendix shall control, these General Provisions apply to all Articles and Appendices of this Agreement.

2. Term and Termination.

2.1 Term.

Subject to the termination provisions contained in this Agreement, the term of this Agreement shall be from the Effective Date of this Agreement until April 15, 2002 and shall continue in effect for consecutive six (6) month terms unless either Party gives the other Party at least ninety (90) calendar days written notice of termination, which termination shall be effective at the end of the then-current term ("Termination Date"). In the event notice is given less than 90 calendar days prior to the end of the current term, this Agreement shall remain in effect for 90 calendar days after such notice is received, provided, that in no case shall the Termination Date be extended beyond 90 calendar days after the end of the current term.

2.2 Post-Termination Arrangements.

Except in the case of termination as a result of either Party's Default under Section 2.3 below, or a termination upon sale, pursuant to Section 2.4, for service arrangements made available under this Agreement and existing at the time of termination, those arrangements may continue:

- (a) As if under this Agreement, if either Party has requested negotiations for a new agreement pursuant to Sections 251 and 252 of the Act, (i) until this Agreement has been replaced by a new agreement, or (ii) for up to one hundred eighty (180) calendar days following the Termination Date, whichever is earlier.
- (b) If this Agreement is not continued pursuant to subsection (a) preceding under (i) a new agreement voluntarily executed by the Parties; (ii) standard terms and conditions approved and made generally effective by the Commission, if any; (iii) tariff terms and conditions made generally available to all Local Providers; or (iv) any rights under Section 252(i) of the Act.

2.3 Termination Upon Default.

Either Party may terminate this Agreement in whole or in part in the event of a default by

- (b) A Party's refusal or failure in any material respect properly to perform its obligations under this Agreement, or the violation of any of the material terms or conditions of this Agreement.

2.4 Termination Upon Sale.

Notwithstanding anything to the contrary contained herein, a Party may terminate this Agreement as to a specific operating area or portion thereof if such Party sells or otherwise transfers the area or portion thereof. The selling or transferring Party shall provide the other Party with at least ninety (90) calendar days' prior written notice of such termination, which shall be effective on the date specified in the notice. Notwithstanding termination of this Agreement as to a specific operating area, this Agreement shall remain in full force and effect in the remaining operating areas.

2.5 Liability Upon Termination.

Termination of this Agreement, or any part hereof, for any cause shall not release either Party from any liability which at the time of termination had already accrued to the other Party or which thereafter accrues in any respect to any act or omission occurring prior to the termination or from an obligation which is expressly stated in this Agreement to survive termination.

3. Amendments.

Any amendment, modification, or supplement to this Agreement must be in writing and signed by an authorized representative of each Party. The term "this Agreement" shall include future amendments, modifications, and supplements.

4. Assignment.

Any assignment by either Party of any right, obligation, or duty, in whole or in part, or of any interest, without the written consent of the other Party shall be void, except that either Party may assign all of its rights, and delegate its obligations, liabilities and duties under this Agreement, either in whole or in part, to any entity that is, or that was immediately preceding such assignment, a Subsidiary or Affiliate of that Party without consent, but with written notification. The effectiveness of an assignment shall be conditioned upon the assignee's written assumption of the rights, obligations, and duties of the assigning Party.

5. Authority.

Each person whose signature appears on this Agreement represents and warrants that he or she has authority to bind the Party on whose behalf he or she has executed this Agreement. Each Party represents he or she has had the opportunity to consult with legal counsel of his or her choosing and US Dial Tone has not relied on GTE counsel, pursuant to this Agreement.

6. Responsibility for Payment.

(OCN), Company Code (CC), and Customer Carrier Name Abbreviation (CCNA) as described in the GTE Guide. US Dial Tone agrees to warrant to GTE that it is a certified provider of telecommunications service. US Dial Tone will document its Certificate of Operating Authority on the CLEC Profile and agrees to update this CLEC Profile as required to reflect its current certification.

8. Contact Exchange.

The Parties agree to exchange and to update contact and referral numbers for order inquiry, trouble reporting, billing inquiries, and information required to comply with law enforcement and other security agencies of the government.

9. Electronic Interface.

The Parties shall work cooperatively in the implementation of electronic gateway access to GTE operational support systems functions in the long-term in accordance with established industry standards. US Dial Tone should refer to the GTE Guide for the current OSS capabilities.

9.1 US Dial Tone may migrate to fully interactive system to system interconnectivity. GTE, with input from US Dial Tone and other carriers, shall provide general interface specifications for electronic access to this functionality. These specifications will be provided to enable US Dial Tone to design system interface capabilities. Development will be in accordance with applicable national standards committee guidelines. Such interfaces will be available as expeditiously as possible.

9.2 All costs and expenses for any new or modified electronic interfaces exclusively to meet US Dial Tone requirements that GTE determines are different from what is Currently Available will be paid by US Dial Tone, if GTE is in agreement.

9.3 US Dial Tone shall be responsible for modifying and connecting any of its pre-ordering and ordering systems with GTE provided interfaces as described in the Guide.

10. Billing and Payment.

Except as provided elsewhere in this Agreement and where applicable, in conformance with Multiple Exchange Carrier Access Billing (MECAB) guidelines and Multiple Exchange Carriers Ordering and Design Guidelines for Access Services-Industry Support Interface (MECOD), US Dial Tone and GTE agree to exchange all information to accurately, reliably, and properly order and bill for features, functions and services rendered under this Agreement.

10.1 Back Billing.

Neither Party will bill the other Party for previously unbilled charges that are for more than one-year prior to the current billing date.

Provider's option, a charge on the past due balance at an interest rate equal to the amount allowed by the applicable GTE/Contel state access tariffs, the state retail tariff, or the GTOC/GSTC FCC No. 1 tariff, in accordance with the service ordered, or the maximum nonusurious rate of interest under applicable law. Late payment charges shall be included on the next statement.

10.4 Due Date.

Payment is due thirty (30) calendar days from the bill date.

10.5 Audits.

Either Party may conduct an audit of the other Party's books and records pertaining to the Services provided under this Agreement, no more frequently than once per twelve (12) month period, to evaluate the other Party's accuracy of billing, data and invoicing in accordance with this Agreement. Any audit shall be performed as follows: (i) following at least thirty (30) Business Days' prior written notice to the audited Party; (ii) subject to the reasonable scheduling requirements and limitations of the audited Party; (iii) at the auditing Party's sole cost and expense; (iv) of a reasonable scope and duration; (v) in a manner so as not to interfere with the audited Party's business operations; and (vi) in compliance with the audited Party's security rules.

11. Binding Effect.

This Agreement shall be binding on and inure to the benefit of the respective successors and permitted assigns of the Parties.

12. Capacity Planning and Forecasting.

Within thirty (30) days from the effective date of this Agreement, the Parties agree to have met and developed joint planning and forecasting responsibilities which are applicable to Local Services, including Features, UNEs, Interim Number Portability (INP), Interconnection Services, Collocation, Poles, Conduits and Rights-of-Way (ROW). GTE may delay processing US Dial Tone service orders should the Parties not perform obligations as specified in this Section 12. Such responsibilities shall include but are not limited to the following:

12.1 The Parties will establish periodic reviews of network and technology plans and will notify one another no later than six (6) months in advance of changes that would impact either Party's provision of services.

12.2 US Dial Tone will furnish to GTE information that provides for state-wide annual forecasts of order activity, in-service quantity forecasts, and facility/demand forecasts.

12.3 The Parties will develop joint forecasting responsibilities for traffic utilization over trunk groups and yearly forecasted trunk quantities as set forth in Article V.

14. Confidential Information.

14.1 Identification.

Either Party may disclose to the other proprietary or confidential customer, technical, or business information in written, graphic, oral or other tangible or intangible forms ("Confidential Information"). In order for information to be considered Confidential Information under this Agreement, it must be marked "Confidential" or "Proprietary," or bear a marking of similar import. Orally or visually disclosed information shall be deemed Confidential Information only if contemporaneously identified as such and reduced to writing and delivered to the other Party with a statement or marking of confidentiality within thirty (30) calendar days after oral or visual disclosure.

Notwithstanding the foregoing, preorders and all orders for services or UNEs placed by US Dial Tone pursuant to this Agreement, and information that would constitute customer proprietary network information of US Dial Tone end user customers pursuant to the Act and the rules and regulations of the FCC, as well as recorded usage information with respect to US Dial Tone end users, whether disclosed by US Dial Tone to GTE or otherwise acquired by GTE in the course of its performance under this Agreement, and where GTE is the North American Numbering Plan (NANP) Number Plan Administrator, US Dial Tone information submitted to GTE in connection with such responsibilities shall be deemed Confidential Information of US Dial Tone for all purposes under this Agreement whether or not specifically marked or designated as confidential or proprietary.

14.2 Handling.

In order to protect such Confidential Information from improper disclosure, each Party agrees:

- (a) That all Confidential Information shall be and shall remain the exclusive property of the source;
- (b) To limit access to such Confidential Information to authorized employees who have a need to know the Confidential Information for performance of this Agreement;
- (c) To keep such Confidential Information confidential and to use the same level of care to prevent disclosure or unauthorized use of the received Confidential Information as it exercises in protecting its own Confidential Information of a similar nature;
- (d) Not to copy, publish, or disclose such Confidential Information to others or authorize anyone else to copy, publish, or disclose such Confidential Information to others without the prior written approval of the source;

14.3 Exceptions.

These obligations shall not apply to any Confidential Information that was legally in the recipient's possession prior to receipt from the source, was received in good faith from a third party not subject to a confidential obligation to the source, now is or later becomes publicly known through no breach of confidential obligation by the recipient, was developed by the recipient without the developing persons having access to any of the Confidential Information received in confidence from the source, or that is required to be disclosed pursuant to subpoena or other process issued by a court or administrative agency having appropriate jurisdiction, provided, however, that the recipient shall give prior notice to the source and shall reasonably cooperate if the source deems it necessary to seek protective arrangements.

14.4 Survival.

The obligation of confidentiality and use with respect to Confidential Information disclosed by one Party to the other shall survive any termination of this Agreement for a period of three (3) years from the date of the initial disclosure of the Confidential Information.

15. Consent.

Where consent, approval, or mutual agreement is required of a Party, it shall not be conditional, unreasonably withheld, or delayed.

16. Fraud.

US Dial Tone assumes responsibility for all fraud associated with its end-user customers and accounts. GTE shall bear no responsibility for, nor is it required to investigate or make adjustments to US Dial Tone's account in cases of fraud.

17. Reimbursement of Expenses.

In performing under this Agreement GTE may be required to make expenditures or otherwise incur costs that are not otherwise reimbursed under this Agreement. In such event GTE is entitled to reimbursement from US Dial Tone for all such costs. For all such costs and expenses GTE shall receive through NRCs the actual costs and expenses incurred, including labor costs and expenses, overhead and fixed charges, and may include a reasonable contribution to GTE's common costs.

18. Dispute Resolution.

18.1 Alternative to Litigation.

Except as provided under Section 252 of the Act with respect to the approval of this Agreement by the Commission, the Parties desire to resolve disputes arising out of or relating to this Agreement without litigation. Accordingly, except for action seeking a temporary restraining order or an injunction related to the purposes of this Agreement, or suit to compel compliance with this dispute resolution process, the Parties agree to use the

agreement, the representatives may utilize other alternative dispute resolution procedures such as mediation to assist in the negotiations. Discussions and correspondence among the representatives for purposes of these negotiations shall be treated as confidential information developed for purposes of settlement, exempt from discovery, and shall not be admissible in the arbitration described below or in any lawsuit without the concurrence of all Parties. Documents identified in or provided with such communications, which are not prepared for purposes of the negotiations, are not so exempted and may, if otherwise discoverable, be discovered or otherwise admissible, be admitted in evidence, in the arbitration or lawsuit.

18.3 Arbitration.

If the negotiations do not resolve the dispute within sixty (60) Business Days of the initial written request, the dispute shall be submitted to binding arbitration by a single arbitrator pursuant to the Commercial Arbitration Rules of the American Arbitration Association except that the Parties may select an arbitrator outside American Arbitration Association rules upon mutual agreement. A Party may demand such arbitration in accordance with the procedures set out in those rules. Discovery shall be controlled by the arbitrator and shall be permitted to the extent set out in this section. Each Party may submit in writing to a Party, and that Party shall so respond to, a maximum of any combination of thirty-five (35) (none of which may have subparts) of the following: interrogatories, demands to produce documents, or requests for admission. Each Party is also entitled to take the oral deposition of one individual of another Party. Additional discovery may be permitted upon mutual agreement of the Parties. The arbitration hearing shall be commenced within sixty (60) Business Days of the demand for arbitration. The arbitration shall be held in a mutually agreeable city. The arbitrator shall control the scheduling so as to process the matter expeditiously. The Parties may submit written briefs. The arbitrator shall rule on the dispute by issuing a written opinion within thirty (30) Business Days after the close of hearings. The times specified in this section may be extended upon mutual agreement of the Parties or by the arbitrator upon a showing of good cause. Judgment upon the award rendered by the arbitrator may be entered in any court having jurisdiction.

18.4 Expedited Arbitration Procedures.

If the issue to be resolved through the negotiations referenced in Section 18.2 directly and materially affects service to either Party's end-user customers, then the period of resolution of the dispute through negotiations before the dispute is to be submitted to binding arbitration shall be five (5) Business Days. Once such a service affecting dispute is submitted to arbitration, the arbitration shall be conducted pursuant to the expedited procedures rules of the Commercial Arbitration Rules of the American Arbitration Association (i.e., rules 53 through 57).

18.5 Costs.

Each Party shall bear its own costs of these procedures. A Party seeking discovery shall

19. Entire Agreement.

This Agreement constitutes the entire agreement of the Parties pertaining to the subject matter of this Agreement and supersedes all prior agreements, negotiations, proposals, and representations, whether written or oral, and all contemporaneous oral agreements, negotiations, proposals, and representations concerning such subject matter. No representations, understandings, agreements, or warranties, expressed or implied, have been made or relied upon in the making of this Agreement other than those specifically set forth herein.

20. Expenses.

Except as specifically set out in this Agreement, each Party shall be solely responsible for its own expenses involved in all activities related to the subject of this Agreement.

21. Force Majeure.

In the event performance of this Agreement, or any obligation hereunder, is either directly or indirectly prevented, restricted, or interfered with by reason of fire, flood, earthquake or like acts of God, wars, revolution, civil commotion, explosion, acts of public enemy, embargo, acts of the government in its sovereign capacity, labor difficulties, including without limitation, strikes, slowdowns, picketing, or boycotts, unavailability of equipment from vendor, changes requested by Customer, or any other circumstances beyond the reasonable control and without the fault or negligence of the Party affected, the Party affected, upon giving prompt notice to the other Party, shall be excused from such performance on a day-to-day basis to the extent of such prevention, restriction, or interference (and the other Party shall likewise be excused from performance of its obligations on a day-to-day basis until the delay, restriction or interference has ceased); *provided however*, that the Party so affected shall use diligent efforts to avoid or remove such causes of nonperformance and both Parties shall proceed whenever such causes are removed or cease.

22. Good Faith Performance.

In the performance of their obligations under this Agreement, the Parties shall act in good faith. In situations in which notice, consent, approval or similar action by a Party is permitted or required by any provision of this Agreement, such action shall not be conditional, unreasonably withheld or delayed.

23. Governing Law.

This Agreement shall be governed by and construed in accordance with the Telecommunications Act of 1996, applicable federal and (to the extent not inconsistent therewith) domestic laws of the state where the services are provided or the facilities reside and shall be subject to the exclusive jurisdiction of the courts therein.

24. Standard Practices.

The Parties acknowledge that GTE shall be adopting some industry standard practices and/or

26. Independent Contractor Relationship.

The persons provided by each Party shall be solely that Party's employees and shall be under the sole and exclusive direction and control of that Party. They shall not be considered employees of the other Party for any purpose. Each Party shall remain an independent contractor with respect to the other and shall be responsible for compliance with all laws, rules and regulations involving, but not limited to, employment of labor, hours of labor, health and safety, working conditions and payment of wages. Each Party shall also be responsible for payment of taxes, including federal, state and municipal taxes, chargeable or assessed with respect to its employees, such as Social Security, unemployment, workers' compensation, disability insurance, and federal and state withholding. Each Party shall indemnify the other for any loss, damage, liability, claim, demand, or penalty that may be sustained by reason of its failure to comply with this provision.

27. Law Enforcement Interface.

27.1 Except to the extent not available in connection with GTE's operation of its own business, GTE shall provide seven day a week/twenty-four hour a day assistance to law enforcement persons for emergency traps, assistance involving emergency traces and emergency information retrieval on customer invoked CLASS services.

27.2 GTE agrees to work jointly with US Dial Tone in security matters to support law enforcement agency requirements for taps, traces, court orders, etc. Charges for providing such services for US Dial Tone customers will be billed to US Dial Tone.

27.3 GTE will, in non emergency situations, inform the requesting law enforcement agencies that the end-user to be wire tapped, traced, etc. is a US Dial Tone Customer and shall refer them to US Dial Tone.

27.4 Subsequent to the execution and approval of this Agreement by the Commission, the parties shall establish a separate contract or authorization agreement specific to the Nuisance Call Bureau (NCB) and Security Control Center (SCC) for CLEC procedures which will be in compliance with applicable state and federal laws.

28. Liability and Indemnity.

28.1 Indemnification.

Subject to the limitations set forth in Section 28.4 of this Article III, each Party agrees to release, indemnify, defend, and hold harmless the other Party from all losses, claims, demands, damages, expenses, suits, or other actions, or any liability whatsoever, including, but not limited to, costs and attorney's fees, whether suffered, made, instituted, or asserted by any other party or person, for invasion of privacy, personal injury to or death of any person or persons, or for losses, damages, or destruction of property, whether or not owned by others, proximately caused by the indemnifying Party's negligence or willful misconduct, regardless of form of action. The indemnified Party agrees to notify the other

indemnifying Party shall be liable for any reasonable settlement made by the indemnified Party without approval of the indemnifying Party.

28.2 End-User and Content-Related Claims.

The Indemnifying Party agrees to release, indemnify, defend, and hold harmless the other Party, its affiliates, and any third-party provider or operator of facilities involved in the provision of services, UNEs or Facilities under this Agreement (collectively, the "Indemnified Party") from all losses, claims, demands, damages, expenses, suits, or other actions, or any liability whatsoever, including, but not limited to, costs and attorney's fees, suffered, made, instituted, or asserted by the Indemnifying Party's end-users against an Indemnified Party arising from Services, UNEs or Facilities. The Indemnifying Party further agrees to release, indemnify, defend, and hold harmless the Indemnified Party from all losses, claims, demands, damages, expenses, suits, or other actions, or any liability whatsoever, including, but not limited to, costs and attorney's fees, suffered, made, instituted, or asserted by any third party against an Indemnified Party arising from or in any way related to actual or alleged defamation, libel, slander, interference with or misappropriation of proprietary or creative right, or any other injury to any person or property arising out of content transmitted by the Indemnifying Party and the Indemnified Party or such Party's end-users, or any other act or omission of the Indemnified Party or such Party's end-users.

28.3 DISCLAIMER.

EXCEPT AS SPECIFICALLY PROVIDED TO THE CONTRARY IN THIS AGREEMENT, PROVIDER MAKES NO REPRESENTATIONS OR WARRANTIES TO CUSTOMER CONCERNING THE SPECIFIC QUALITY OF ANY SERVICES, UNEs OR FACILITIES PROVIDED UNDER THIS AGREEMENT. PROVIDER DISCLAIMS, WITHOUT LIMITATION, ANY WARRANTY OR GUARANTEE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING, OR FROM USAGES OF TRADE.

28.4 Limitation of Liability.

Each Party's liability, whether in contract, tort or otherwise, shall be limited to direct damages, which shall not exceed the monthly charges, plus any related costs/expenses GTE may recover, including those under Section 17 above, and plus any costs/expenses for which the Parties specify reimbursement in this Agreement for the services or facilities for the month during which the claim of liability arose. Under no circumstance shall either Party be responsible or liable for indirect, incidental, or consequential damages, including, but not limited to, economic loss or lost business or profits, damages arising from the use or performance of equipment or software, or the loss of use of software or equipment, or any accessories attached thereto, delay, error, or loss of data. Should either Party provide advice, make recommendations, or supply other analysis related to the services or facilities described in this Agreement, this limitation of liability shall apply to provision of such advice.

infringement, or misuse or misappropriation of any patent, copyright, trademark, trade secret, or any other proprietary or intellectual property right of any third party.

29. Multiple Counterparts.

This Agreement may be executed in multiple counterparts, each of which shall be deemed an original, but all of which shall together constitute but one and the same document.

30. No Third Party Beneficiaries.

Except as may be specifically set forth in this Agreement, this Agreement does not provide and shall not be construed to provide third parties with any remedy, claim, liability, reimbursement, cause of action, or other right or privilege.

31. Notices.

Any notice to a Party required or permitted under this Agreement shall be in writing and shall be deemed to have been received on the date of service if served personally, on the date receipt is acknowledged in writing by the recipient if delivered by regular U.S. mail, or on the date stated on the receipt if delivered by certified or registered mail or by a courier service that obtains a written receipt. Upon prior immediate oral agreement of the parties' designated recipients identified below, notice may also be provided by facsimile, Internet or electronic messaging system, which shall be effective if sent before 5:00 p.m. on that day, or if sent after 5:00 p.m. it will be effective on the next Business Day following the date sent. Any notice shall be delivered using one of the alternatives mentioned in this section and shall be directed to the applicable address or Internet ID indicated below or such address as the Party to be notified has designated by giving notice in compliance with this section:

If to GTE:

GTE South Incorporated
Attention: Assistant Vice President/Associate General Counsel
Service Corporation
600 Hidden Ridge - HQEWMNOTICES
Irving, TX 75038
Telephone number: 972/718-6361
Facsimile number: 972/718-3403
Internet Address: wmnotices@telops.gte.com

and

GTE South Incorporated
Attn: Director-Wholesale Contract Compliance
Network Services
600 Hidden Ridge - HQEWMNOTICES
Irving, TX 75038
Telephone Number: 972/718-5988

32. Protection.

32.1 Impairment of Service.

The characteristics and methods of operation of any circuits, facilities or equipment of either Party connected with the services, facilities or equipment of the other Party pursuant to this Agreement shall not interfere with or impair service over any facilities of the other Party, its affiliated companies, or its connecting and concurring carriers involved in its services, cause damage to its plant, violate any applicable law or regulation regarding the invasion of privacy of any communications carried over the Party's facilities or create hazards to the employees of either Party or to the public (each hereinafter referred to as an "Impairment of Service").

32.2 Resolution.

If either Party causes an Impairment in Service, the Party whose network or service is being impaired (the "Impaired Party") shall promptly notify the Party causing the Impairment of Service (the "Impairing Party") of the nature and location of the problem and that, unless promptly rectified, a temporary discontinuance of the use of any circuit, facility or equipment may be required. The Impairing Party and the Impaired Party agree to work together to attempt to promptly resolve the Impairment of Service. If the Impairing Party is unable to promptly remedy the Impairment of Service, then the Impaired Party may at its option temporarily discontinue the use of the affected circuit, facility or equipment.

33. Publicity.

Any news release, public announcement, advertising, or any form of publicity pertaining to this Agreement, provision of Services, UNEs or Facilities pursuant to it, or association of the Parties with respect to provision of the services described in this Agreement shall be subject to prior written approval of both GTE and US Dial Tone.

34. Regulatory Agency Control.

This Agreement shall at all times be subject to changes, modifications, orders, and rulings by the Federal Communications Commission and/or the applicable state utility regulatory commission to the extent the substance of this Agreement is or becomes subject to the jurisdiction of such agency.

35. Changes in Legal Requirements.

GTE and US Dial Tone further agree that the terms and conditions of this Agreement were composed in order to effectuate the legal requirements in effect at the time the Agreement was produced. Any modifications to those requirements will be deemed to automatically supersede any terms and conditions of this Agreement.

36. Effective Date.

This Agreement will be effective only upon execution by both Parties and approval by the

If either Party does not provide necessary filing materials within 90 days of execution of this Agreement, any contract signatures will no longer be effective. If both Parties determine to proceed with filing, negotiations between the Parties will resume.

38. Rule of Construction.

No rule of construction requiring interpretation against the drafting Party hereof shall apply in the interpretation of this Agreement.

39. Section References.

Except as otherwise specified, references within an Article of this Agreement to a Section refer to Sections within that same Article.

40. OSS Performance Measurements

40.1 The Parties will provide a level of service to each other with respect to services and facilities under this Agreement in compliance with the non-discrimination requirements of the Act.

40.2 The performance measurements detail the areas of performance to be tracked, reported and audited. GTE will make available monthly performance measurement data via the internet on GTE's WISE website. The results of these performance measurements shall be used to indicate the level of quality of service GTE provides to US Dial Tone and satisfies GTE's obligations under the Act or state law. Furthermore, GTE expects to satisfy requirements for reporting and auditing as may be mandated by state law.

40.3 Performance measurements to measure quality of service are provisional and subject to continued evolution as driven by the industry and state commissions. Performance measurements, when developed and implemented on GTE's WISE website (<http://www.gte.com/wise>), shall be made available to US Dial Tone and shall automatically modify and/or replace existing performance measurements GTE currently makes available to all CLECs.

40.4 GTE's performance measurements are made available on a nationwide basis to all qualifying CLECs. Such performance measurements provide for standards to measure the quality of services, elements or functions offered by GTE within the following major categories:

(a) Pre-ordering activities relate to the exchange of information between GTE and the CLEC regarding current or proposed customer products and services, or any other information required to initiate ordering of service. Pre-ordering encompasses the critical information needed to submit a provisioning order from the CLEC to GTE. The pre-order measurement reports the timeliness with which pre-order inquiries are returned to CLECs by GTE.

(b) Ordering activities include the exchange of information between GTE and the

facilities as well as the completion of any required software translations to define the feature functionality of the service. Provisioning also involves communication between the CLEC and GTE on the status of a service order, including any delay in meeting the commitment date and the time at which actual completion of service installation has occurred. Measurements in this category evaluate the quality of service installations, the efficiency of the installation process and the timeliness of notifications to the CLEC that installation is completed or has been delayed.

- (d) Maintenance involves the repair and restoral of customer service. Maintenance functions include the exchange of information between GTE and CLEC related to service repair requests, the processing of trouble ticket requests by GTE, actual service restoral and tracking of maintenance history. Maintenance measures track the timeliness with which trouble requests are handled by GTE and the effectiveness and quality of the service restoral process.
- (e) Network performance involves the level at which GTE provides services and facilitates call processing within its network. GTE also has the responsibility to complete network upgrades efficiently. If network outages do occur, GTE needs to provide notification so appropriate network management and customer notification can occur by CLECs. Network performance is evaluated on the quality of interconnection, the timeliness of notification of network outages and the timeliness of network upgrades (code openings) GTE completes on behalf of the CLEC.
- (f) Billing involves the exchange of information necessary for CLECs to bill its customers, to process the end user's claims and adjustments, to verify GTE's bill for services provided to the CLEC and to allow CLECs to bill for access. Billing measures have been designed to gauge the quality, timeliness and overall effectiveness of GTE billing processes associated with CLEC customers.
- (g) Collocation: GTE is required to provide to CLECs available space as required by law to allow the installation of CLEC equipment. Performance measures in this category assess the timeliness with which GTE handles the CLEC's request for collocation as well as how timely the collocation arrangement is provided.
- (h) Database updates for directory assistance/listings and E911 include the processes by which these systems are updated with customer information which has changed due to the service provisioning activity. Measurements in this category are designed to evaluate the timeliness and accuracy with which changes to customer information, as submitted to these databases, are completed by GTE.
- (i) Interfaces: GTE provides the CLECs with choices for access to OSS pre-ordering,

to this Agreement. If a material change as described in this paragraph occurs as a result of action by a court or regulatory agency, the Parties shall negotiate in good faith for replacement language. If replacement language cannot be agreed upon within a reasonable period, either Party may terminate this Agreement without penalty or liability for such termination upon written notice to the other Party.

42. Subcontractors.

Provider may enter into subcontracts with third parties or affiliates for the performance of any of Provider's duties or obligations under this Agreement.

43. Subsequent Law.

The terms and conditions of this Agreement shall be subject to any and all applicable laws, rules, or regulations that subsequently may be prescribed by any federal, state or local governmental authority. To the extent required by any such subsequently prescribed law, rule, or regulation, the Parties agree to modify, in writing, the affected term(s) and condition(s) of this Agreement to bring them into compliance with such law, rule, or regulation.

44. Taxes.

Any state or local excise, sales, or use taxes (excluding any taxes levied on income) resulting from the performance of this Agreement shall be borne by the Party upon which the obligation for payment is imposed under applicable law, even if the obligation to collect and remit such taxes is placed upon the other Party. The collecting Party shall charge and collect from the obligated Party, and the obligated Party agrees to pay to the collecting Party, all applicable taxes, except to the extent that the obligated Party notifies the collecting Party and provides to the collecting Party appropriate documentation as GTE requires that qualifies the obligated Party for a full or partial exemption. Any such taxes shall be shown as separate items on applicable billing documents between the Parties. The obligated Party may contest the same in good faith, at its own expense, and shall be entitled to the benefit of any refund or recovery, provided that such Party shall not permit any lien to exist on any asset of the other Party by reason of the contest. The collecting Party shall cooperate in any such contest by the other Party. The other Party will indemnify the collecting Party from any sales or use taxes that may be subsequently levied on payments by the other Party to the collecting Party.

44.1 Tax.

A charge which is statutorily imposed by the state or local jurisdiction and is either (a) imposed on the seller with the seller having the right or responsibility to pass the charge(s) on to the purchaser and the seller is responsible for remitting the charge(s) to the state or local jurisdiction or (b) imposed on the purchaser with the seller having an obligation to collect the charge(s) from the purchaser and remit the charge(s) to the state or local jurisdiction.

the purchaser and the seller is responsible for remitting the charge to the regulatory authority, other agency, or contracting party.

Fees/Regulatory Surcharges shall include but not be limited to E-911/911, E311/311, franchise fees, and Commission surcharges.

45. Trademarks and Trade Names.

Except as specifically set out in this Agreement, nothing in this Agreement shall grant, suggest, or imply any authority for one Party to use the name, trademarks, service marks, or trade names of the other for any purpose whatsoever.

46. Waiver.

The failure of either Party to insist upon the performance of any provision of this Agreement, or to exercise any right or privilege granted to it under this Agreement, shall not be construed as a waiver of such provision or any provisions of this Agreement, and the same shall continue in full force and effect.

47. Environmental Responsibility.

47.1 US Dial Tone is responsible for compliance with all laws regarding the handling, use, transport, storage, and disposal of, and for all hazards created by and damages or injuries caused by, any materials brought to or used at the Facility by US Dial Tone. In accordance with Section 47.10, US Dial Tone will indemnify GTE for all claims, fees, penalties, damages, and causes of action with respect to these materials. No substantial new safety or environmental hazards shall be created or new hazardous substances shall be used at a GTE Facility. US Dial Tone must demonstrate adequate training and emergency response capabilities related to materials brought to, used, or existing at the GTE Facility.

47.2 US Dial Tone, its invitees, agents, employees, and contractors agree to comply with such reasonable environmental or safety practices/procedures, whether or not required by law, as requested by GTE when working at a GTE Facility. The Parties acknowledge and agree that nothing in this Agreement or in any of GTE's practices/procedures constitutes a warranty or representation by GTE that US Dial Tone's compliance with GTE's practices/procedures, with this Agreement, or with GTE's directions or recommendations will achieve compliance with any applicable law. US Dial Tone is responsible for ensuring that all activities conducted by US Dial Tone at the Facility are in accordance with all applicable federal, state, and local laws, regulations, permits, and agency orders, approvals, and authorizations relating to safety, health, and the environment.

47.3 GTE and US Dial Tone shall provide to each other notice of known and recognized physical hazards or hazardous substances brought to, used, or existing at the GTE Facility. Each Party is required to promptly provide specific notice of conditions or circumstances potentially posing a threat of imminent danger, including, by way of example only, a defective utility pole or significant petroleum contamination in a manhole.

disposal sites. The Parties acknowledge and agree that nothing in this Agreement, use of GTE's permits, approvals, or identification numbers, or compliance with GTE's practices/procedures constitutes a representation or warranty that US Dial Tone's activities will be in compliance with applicable laws, and such compliance or use of GTE's permits, approvals, or identification numbers creates no right of action against GTE.

- 47.5 If Third Party Contamination is discovered at a GTE Facility, the Party uncovering the contamination must timely notify the proper safety or environmental authorities, to the extent that such notification is required by applicable law. If US Dial Tone discovers Third Party Contamination, US Dial Tone will immediately notify GTE and will consult with GTE prior to making any required notification, unless the time required for prior consultation would preclude US Dial Tone from complying with an applicable reporting requirement.
- 47.6 GTE and US Dial Tone shall coordinate plans or information required to be submitted to government agencies, such as, by way of example only, emergency response plans and chemical inventory reporting. If fees are associated with such filings, GTE and US Dial Tone must develop a cost sharing procedure.
- 47.7 When conducting operations in any GTE manhole or vault area, US Dial Tone shall follow appropriate practices/procedures in evaluating and managing any water, sediment, or other material present in the manhole or vault area so as to ensure compliance with all applicable laws, regulations, permits, and requirements applicable in such circumstances and to ensure safe practices. US Dial Tone shall be responsible for obtaining any permit, regulatory approval, or identification number necessary for any of its operations involving the evaluation, collection, discharge, storage, disposal, or other management of water, sediment, or other material present in a GTE manhole or vault area. GTE shall not be responsible for any costs incurred by US Dial Tone in meeting its obligations under this Section.
- 47.8 US Dial Tone shall provide reasonable and adequate compensation to GTE for any additional or increased costs associated with compliance with any federal, state, or local law, regulation, permit, or agency requirement related to safety, health, or the environment where such additional or increased cost is incurred as a result of providing US Dial Tone with interconnection or collocation, including, but not limited to, costs associated with obtaining appropriate permits or agency authorizations or approvals, remediation or response to any release or threatened release of any regulated substance, investigation or testing related, and training or notification requirements.
- 47.9 Activities impacting safety or the environment of a Right of Way (ROW) must be harmonized with the specific agreement and the relationship between GTE and the land owner. In this regard, US Dial Tone must comply with any limitations associated with a ROW, including, but not limited to, limitations on equipment access due to environmental conditions (e.g., wetland areas having equipment restrictions).
- 47.10 Notwithstanding Section 27, with respect to environmental responsibility under this Section 47, GTE and US Dial Tone shall each indemnify, defend, and hold harmless the

48. TBD Prices.

Numerous provisions in this Agreement and its Attachments refer to pricing principles. If a provision references prices in an Attachment and there are no corresponding prices in such Attachment, such price shall be considered "To Be Determined" (TBD). With respect to all TBD prices, prior to US Dial Tone ordering any such TBD item, the Parties shall meet and confer to establish a price. If the Parties are unable to reach agreement on a price for such item, an interim price shall be set for such item that is equal to the price for the nearest analogous item for which a price has been established (for example, if there is not an established price for a non recurring charge (NRC) for a specific UNE, the Parties would use the NRC for the most analogous retail service for which there is an established price). Any interim prices so set shall be subject to modification by any subsequent decision of the Commission. If an interim price is different from the rate subsequently established by the Commission, any underpayment shall be paid by US Dial Tone to GTE, and any overpayment shall be refunded by GTE to US Dial Tone, within 45 Business Days after the establishment of the price by the Commission.

49. Amendment of Certain Rates, Terms and Conditions.

The rates, terms and conditions in this Agreement that are specified in Appendix 49A (the "AT&T Terms") were taken from the GTE/AT&T Interconnection, Resale and Unbundling Agreement (the AT&T Agreement) approved by the Commission in Docket No. P-96-478. The rates, terms and conditions not included in this Agreement but referenced in Appendix 49B (the "GTE Terms") were excluded from the AT&T Agreement by the Commission in Docket No. 96-478. GTE and US Dial Tone agree that if the "AT&T Terms" are deemed to be unlawful, or are stayed, enjoined or otherwise modified, in whole or in part, by a court or commission of competent jurisdiction, then this Agreement shall be deemed to have been amended accordingly, by modification of the "AT&T Terms" or, as appropriate, the substitution of "GTE Terms" for all stayed and enjoined "AT&T Terms", and such amendments shall be effective retroactive to the Effective Date of this Agreement.

GTE and US Dial Tone further agree that the terms and conditions of this Agreement reflect certain requirements of the FCC's First Report and Order in CC Docket No. 96-98. The terms and conditions of this Agreement shall be subject to any and all actions by any court or other governmental authority that invalidate, stay, vacate or otherwise modify the FCC's First Report and Order, in whole or in part ("actions"). To the extent warranted by any such action, the Parties agree that this Agreement shall be deemed to have been modified accordingly as in the first paragraph of this Section 49. The Parties agree to immediately apply any affected terms and conditions, including any in other sections and articles of this Agreement, consistent with such action, and within a reasonable time incorporate such modified terms and conditions in writing into the Agreement. If the AT&T Terms are affected by such action and GTE determines they cannot be consistently applied therewith, the GTE Terms shall apply. US Dial Tone acknowledges that GTE may seek to enforce such action before a commission or court of competent jurisdiction. GTE does not waive any position regarding the illegality or inappropriateness of the FCC's First Report and Order.

If the Commission (or any other commission or federal or state court) in reviewing this Agreement pursuant to applicable state and federal laws, including Section 252(e) of the Telecommunications Act of 1996, deletes or modifies in any way this Section 49, US Dial Tone agrees that this entire Agreement is void and will not become effective, and US Dial Tone agrees to withdraw this Agreement from consideration by the Commission (or any other commission or federal or state court).

ARTICLE IV
GENERAL RULES GOVERNING RESOLD SERVICES
AND UNBUNDLED ELEMENTS

1. General.

General regulations, terms and conditions governing rate applications, technical parameters, service availability, definitions and feature interactions, as described in the appropriate GTE intrastate local, toll and access tariffs, apply to retail services made available by GTE to US Dial Tone for resale and UNEs provided by GTE to US Dial Tone, when appropriate, unless otherwise specified in this Agreement. As applied to services or UNEs offered under this Agreement, the term "Customer" contained in the GTE Retail Tariff shall be deemed to mean "US Dial Tone" as defined in this Agreement.

2. Liability of GTE.

2.1 Inapplicability of Tariff Liability.

GTE's general liability, as described in the GTE Retail Tariff, does not extend to US Dial Tone's customers or any other third party. Liability of GTE to US Dial Tone resulting from any and all causes arising out of services, facilities, UNEs or any other items relating to this Agreement shall be governed by the liability provisions contained in this Agreement and no other liability whatsoever shall attach to GTE. GTE shall be liable for the individual services, facilities or elements that it separately provides to US Dial Tone and shall not be liable for the integration of components combined by US Dial Tone.

2.2 US Dial Tone Tariffs or Contracts.

US Dial Tone shall, in its tariffs or other contracts for services provided to its end-users using services, facilities or UNEs obtained from GTE, provide that in no case shall GTE be liable to US Dial Tone's end-users or any third parties for any indirect, special or consequential damages, including, but not limited to, economic loss or lost business or profits, whether foreseeable or not, and regardless of notification by US Dial Tone of the possibility of such damages and US Dial Tone shall indemnify and hold GTE harmless from any and all claims, demands, causes of action and liabilities based on any reason whatsoever from its customers as provided in this Agreement. Nothing in this Agreement shall be deemed to create a third-party beneficiary relationship with US Dial Tone's end-users.

2.3 No Liability for Errors.

GTE is not liable for mistakes that appear in GTE's listings, 911 and other information databases, or for incorrect referrals of end-users to US Dial Tone for any ongoing US Dial

3. Unauthorized Changes.

3.1 Procedures.

If US Dial Tone submits an order for resold services or unbundled elements under this Agreement in order to provide service to an end-user that at the time the order is submitted is obtaining its local services from GTE or another LEC using GTE resold services or unbundled elements, and the end-user notifies GTE that the end-user did not authorize US Dial Tone to provide local exchange services to the end-user, US Dial Tone must provide GTE with written documentation of authorization from that end-user within thirty (30) Business Days of notification by GTE. If US Dial Tone cannot provide written documentation of authorization within such time frame, US Dial Tone must within three (3) Business Days thereafter:

- (a) notify GTE to change the end-user back to the LEC providing service to the end-user before the change to US Dial Tone was made; and
- (b) provide any end-user information and billing records US Dial Tone has obtained relating to the end-user to the LEC previously serving the end-user; and
- (c) notify the end-user and GTE that the change back to the previous LEC has been made.

Furthermore, GTE will bill US Dial Tone fifty dollars (\$50.00) per affected line to compensate GTE for switching the end-user back to the original LEC.

4. Impact of Payment of Charges on Service.

US Dial Tone is solely responsible for the payment of all charges for all services, facilities and elements furnished under this Agreement, including, but not limited to, calls originated or accepted at its or its end-users' service locations. If US Dial Tone fails to pay when due any and all charges billed to US Dial Tone under this Agreement, including any late payment charges (collectively, "Unpaid Charges"), and any or all such charges remain unpaid more than forty-five (45) calendar days after the bill date of such Unpaid Charges excepting previously disputed charges for which US Dial Tone may withhold payment, GTE shall notify US Dial Tone in writing that it must pay all Unpaid Charges to GTE within seven (7) Business Days. If US Dial Tone disputes the billed charges, it shall, within said seven (7) day period, inform GTE in writing of which portion of the Unpaid Charges it disputes, including the specific details and reasons for the dispute, unless such reasons have been previously provided, and shall immediately pay to GTE all undisputed charges. If US Dial Tone and GTE are unable, within thirty (30) Business Days thereafter, to resolve issues related to the disputed charges, then either US Dial Tone or GTE may file a request for arbitration under Article III of this Agreement to resolve those issues. Upon resolution of any dispute hereunder, if US Dial Tone owes payment it shall make such payment to GTE with any late payment charge under Article III, Section 10.3, from the original payment due date. If US Dial Tone owes no payment, but has previously paid GTE such disputed payment, then GTE shall credit such

establishment charges will not apply to US Dial Tone's end-user, but will be assessed to US Dial Tone.

5. Unlawful Use of Service.

Services, facilities or unbundled elements provided by GTE pursuant to this Agreement shall not be used by US Dial Tone or its end-users for any purpose in violation of law. US Dial Tone, and not GTE, shall be responsible to ensure that US Dial Tone and its end-users use of services, facilities or unbundled elements provided hereunder comply at all times with all applicable laws. GTE may refuse to furnish service to US Dial Tone or disconnect particular services, facilities or unbundled elements provided under this Agreement to US Dial Tone or, as appropriate, US Dial Tone's end-user when (i) an order is issued by a court of competent jurisdiction finding that probable cause exists to believe that the use made or to be made of the service, facilities or unbundled elements is prohibited by law or (ii) GTE is notified in writing by a law enforcement agency acting within its jurisdiction that any facility furnished by GTE is being used or will be used for the purpose of transmitting or receiving gambling information in interstate or foreign commerce in violation of law. Termination of service shall take place after reasonable notice is provided to US Dial Tone, or as ordered by the court. If facilities have been physically disconnected by law enforcement officials at the premises where located, and if there is not presented to GTE the written finding of a court, then upon request of US Dial Tone and agreement to pay restoral of service charges and other applicable service charges, GTE shall promptly restore such service.

6. Timing of Messages.

With respect to GTE resold measured rate local service(s), chargeable time begins when a connection is established between the calling station and the called station. Chargeable time ends when the calling station "hangs up," thereby releasing the network connection. If the called station "hangs up" but the calling station does not, chargeable time ends when the network connection is released by automatic timing equipment in the network. Timing of messages applicable to GTE's Port and Local Switching element (usage sensitive services) will be recorded based on originating and terminating access.

7. Procedures For Preordering, Ordering, Provisioning, Etc.

Certain procedures for preordering, ordering, provisioning, maintenance and billing and electronic interfaces for many of these functions are governed by the GTE Guide. In accordance with Article III, Section 7, GTE will not process resale or unbundled network element orders until the US Dial Tone Profile has been completed and returned; and, if required, an advanced deposit paid.

8. Letter of Authorization

8.1 GTE will not release the Customer Service Record (CSR) containing Customer Proprietary Network Information (CPNI) to US Dial Tone on GTE end-user customer accounts unless US Dial Tone first provides to GTE a written Letter of Authorization (LOA). Such LOA may be a blanket LOA or other form agreed upon between GTE and US Dial Tone authorizing

9. Customer Contacts.

Except as otherwise provided in this Agreement or as agreed to in a separate writing by US Dial Tone, US Dial Tone shall provide the exclusive interface with US Dial Tone's end-user customers in connection with the marketing or offering of US Dial Tone services. Except as otherwise provided in this Agreement, in those instances in which GTE personnel are required pursuant to this Agreement to interface directly with US Dial Tone's end-users, such personnel shall not identify themselves as representing GTE. All forms, business cards or other business materials furnished by GTE to US Dial Tone end-users shall be generic in nature. In no event shall GTE personnel acting on behalf of US Dial Tone pursuant to this Agreement provide information to US Dial Tone end-users about GTE products or services unless otherwise authorized by US Dial Tone.

ARTICLE V

INTERCONNECTION AND TRANSPORT AND TERMINATION OF TRAFFIC

1. Services Covered by This Article.

1.1 Types of Services.

This Article governs the provision of internetwork facilities (i.e., physical interconnection services and facilities), Meet-Point Billing (MPB) by GTE to US Dial Tone or by US Dial Tone to GTE and the transport and termination and billing of Local, IntraLATA Toll, optional EAS traffic and jointly provided Interexchange Carrier (IXC) access between GTE and US Dial Tone. The services and facilities described in this Article shall be referred to in this Article V as the "Services."

1.1.1 US Dial Tone initiates orders for trunk-side interconnection services by sending an ASR to GTE. US Dial Tone should submit ASRs to GTE through on-line applications or electronic files. The ordering process is described in the GTE Guide. The ASR will be reviewed by GTE for validation and correction of errors. Errors will be referred back to US Dial Tone. US Dial Tone then will correct any errors that GTE has identified and resubmit the request to GTE electronically through a supplemental ASR.

2. Billing and Rates.

2.1 Service Ordering, Service Provisioning, and Billing.

US Dial Tone will order services for interim number portability, directly from GTE through an electronic interface or fax. The following describes generally the processes GTE will use for ordering, provisioning and billing for interconnection facilities and services. Except as specifically provided otherwise in this Agreement, service ordering, provisioning, billing and maintenance shall be governed by the GTE Guide.

2.2 Rates and Charges.

Customer agrees to pay to Provider the rates and charges for the Services set forth in the applicable appendices to this Agreement. GTE's rates and charges are set forth in Appendix A attached to this Agreement and made a part hereof. US Dial Tone's separate rates and charges are also set forth in Appendix A attached hereto and made a part hereof.

2.3 Billing.

Provider shall render to Customer a bill for interconnection services on a current basis. Charges for physical facilities and other non-usage sensitive charges shall be billed in

- 2.4.1 Usage Measurement: Usage measurement for calls shall begin when Answer Supervision or equivalent Signaling System 7 (SS7) message is received from the terminating office and shall end at the time of call disconnect by the calling or called subscriber, whichever occurs first.
- 2.4.2 Minutes of use (MOU), or fractions thereof, shall not be rounded upward on a per-call basis, but will be accumulated over the billing period. At the end of the billing period, any remaining fraction shall be rounded up to the nearest whole minute to arrive at total billable minutes for each interconnection. MOU shall be collected and measured in minutes, seconds, and tenths of seconds.

3. Transport and Termination of Traffic.

3.1 Traffic to be Exchanged.

The Parties shall reciprocally terminate Local, IntraLATA Toll, optional EAS and jointly provided IXC traffic (or other traffic the Parties agree to exchange) originating on each other's networks utilizing either Direct or Indirect Network Interconnections as provided in Section 4 or Section 5 herein. To this end, the Parties agree that there will be interoperability between their networks. The Parties agree to exchange traffic associated with third party LECs, CLECs and Wireless Service Providers pursuant to the compensation arrangement specified in Section 3.3 herein. In addition, the Parties will notify each other of any anticipated change in traffic to be exchanged (e.g., traffic type, volume).

3.2 Compensation For Exchange Of Traffic.

3.2.1 Mutual Compensation. The Parties shall compensate each other for the exchange of Local Traffic originated by or terminating to the Parties' end-user customers in accordance with Section 3.2.2 of this Article. The Parties agree to the initial state level exempt factor representative of the share of traffic exempt from local compensation. This initial exempt factor is set forth in Appendix A. This factor will be updated quarterly in like manner or as the Parties otherwise agree. Once the traffic that is exempt from local compensation can be measured, the actual exempt traffic will be used rather than the above factor. Charges for the transport and termination of optional EAS, intraLATA toll and interexchange traffic shall be in accordance with the Parties' respective intrastate or interstate access tariffs, as appropriate.

3.2.2 Bill-and-Keep. The Parties shall assume that Local Traffic originated by or terminating to the Parties' end-user customers is roughly balanced between the parties unless traffic studies indicate otherwise. Accordingly, the Parties agree to use a Bill-and-Keep Arrangement with respect to termination of Local Traffic only. Either Party may request that a traffic study be performed no more frequently than once a quarter. Should such traffic study indicate, in the aggregate, that either

Arrangement described in this Section 3.2.2, except as set forth in Section 3.1 above.

- 3.2.3 Compensation for Terminating Access Charges on Calls to Ported Numbers. The Parties agree that a meet point billing arrangement will be used to bill for terminating switched access charges associated with calls terminated to a ported number. Each Party will bill the IXCs applicable switched access rate elements for functions provided over each respective Party's facilities. The Parties will follow any industry standards established for call record exchanges for meet point billing. Until industry standards for call record exchanges are established for interim number portability, the Parties agree that switched access termination to a ported number will be billed by the party providing interim number portability and that the party billing the switched access will share the switched access revenue with the other Party. The Party providing interim number portability is entitled to keep the portion of collected access revenue associated with tandem switching, transport, and residual/transport interconnection charge rate elements, as applicable. The party terminating ported calls is entitled to receive the portion of collected access revenue associated with the end office switching rate elements. As part of this revenue sharing arrangement, the Parties agree to compensate each other as specified in Appendix B.
- 3.2.3.1 As part of the revenue sharing arrangement described in Section 3.2.3 the number of lines per ported number that are subject to compensation will be determined at the time the end user customer's local service is changed from one party to the other. The number of lines per ported number eligible for the shared revenue arrangement described in this section will be limited to the number of lines in service on the date of conversion plus a 10% growth margin. After conversion the number of lines per ported number available for compensation can only be increased by mutual consent of the Parties.
- 3.2.3.2 As part of the revenue sharing arrangement described in Section 3.2.3 the Parties agree that the compensation rates may change as a result of changes in access rates, traffic volume or for other reasons and agree to renegotiate the rates if a significant event occurs. At a minimum, the Parties agree to reevaluate the rates on an annual basis.
- 3.2.3.3 The Parties agree that terminating switched access calls ported via interim number portability may appear to the receiving Party to be a local call and that the implementation of reciprocal compensation for terminating local calls may result in overcompensation for ported switched access calls. The Parties agree that no charges shall be applied to the ported switched access calls as part of the local traffic termination. When the access

3.2.3.5 Upon implementation of permanent local number portability, the Parties agree to transition all interim number portability customers and their services to permanent local number portability methods within a mutually agreed upon time frame and discontinue use of further interim methods of number portability.

3.3 Tandem Switching Traffic.

The Parties will provide tandem switching for traffic between the Parties' end offices subtending each other's access tandem, as well as for traffic between either Party's end-users and any third party which is interconnected to the other Party's access tandems as follows:

3.3.1 The originating Party will compensate the tandem Party for each minute of originated tandem switched traffic which terminates to third party (e.g., other CLEC, ILEC, or wireless service provider). The applicable rate for this charge is the tandem transiting charge identified in Appendix A.

3.3.2 The originating Party also assumes responsibility for compensation to the company which terminates the call.

3.3.3 The Parties agree to enter into their own agreements with third-party providers. In the event that US Dial Tone sends traffic through GTE's network to a third-party provider with whom US Dial Tone does not have a traffic interexchange agreement, then US Dial Tone agrees to indemnify GTE for any termination charges rendered by a third-party provider for such traffic.

3.4 Inter-Tandem Switching.

The Parties will only use inter-tandem switching for the transport and termination of intraLATA toll traffic originating on each other's network at and after such time as either US Dial Tone has agreed to and fully implemented an existing intraLATA toll compensation mechanism such as IntraLATA Terminating Access Compensation (ITAC) or a functional equivalent thereof. The Parties will only use inter-tandem switching for the transport and termination of Local Traffic originating on each other's network at and after such time as the Parties have agreed to and fully implemented generally accepted industry signaling standards and Automated Message Accounting (AMA) record standards which shall support the recognition of multiple tandem switching events.

4. Direct Network Interconnection.

4.1 Network Interconnection Architecture.

US Dial Tone may interconnect with GTE on its network at any of the minimum Currently Available points required by the FCC. Interconnection at additional points will be reviewed on an individual case basis. Where the Parties mutually agree following a Bona Fide Request (BFR) to directly interconnect their respective networks, interconnection will be as

- (a) A Mid-Span Fiber Meet within an existing GTE exchange area whereby the Parties mutually agree to jointly plan and engineer their facility IP at a designated manhole or junction location. The IP is the demarcation between ownership of the fiber transmission facility. Each party is individually responsible for its incurred costs in establishing this arrangement.
- (b) A virtual or physical Expanded Interconnection Service (EIS) arrangement at a GTE Wire Center subject to the rates, terms, and conditions contained in GTE's applicable tariffs.
- (c) A special access and/or CLEC Dedicated Transport arrangement terminating at a GTE Wire Center subject to the rates, terms, and conditions contained in GTE's applicable tariffs. These facilities will meet the standards set forth in such tariffs.

4.1.2 Virtual and physical EIS arrangements are governed by appropriate GTE tariffs, except as provided in Article IX and Appendix G.

4.1.3 The Parties will mutually designate at least one IP on GTE's network within each GTE local calling area for the routing of Local Traffic.

4.2 Compensation.

The Parties agree to the following compensation for internetwork facilities, depending on facility type. Only Local Traffic and IntraLATA Toll Traffic will be used for calculation of this compensation.

4.2.1 Mid-Span Fiber Meet: GTE will charge special access (flat rated) transport from the applicable intrastate access tariff and will rate charges between the IP and GTE's interconnection switch. Charges will be reduced to reflect the proportionate share of the facility that is used for transport of traffic originated by GTE. The initial proportionate share factor for facilities is set forth in Appendix A. This factor will be updated quarterly in like manner or as the Parties otherwise agree. US Dial Tone will charge flat rated transport to GTE for US Dial Tone facilities used by GTE at tariffed rates or as mutually agreed. US Dial Tone will apply charges based on the lesser of; (i) the airline mileage from the IP to the US Dial Tone switch; or (ii) the airline mileage from the GTE switch to the serving area boundary.

4.2.2 Collocation: GTE will charge Virtual or Physical EIS rates from the applicable GTE tariff. US Dial Tone will charge GTE flat rated transport at tariffed rates or as mutually agreed, to reflect the proportionate share of the facility that is used for transport of traffic originated by GTE. US Dial Tone will apply charges based on the lesser of (i) the airline mileage from the IP to the US Dial Tone switch; or (ii)

4.3 Trunking Requirements.

In accordance with Article III, Section 12, it will be necessary for the Parties to have met and agreed on trunking availability and requirements in order for the Parties to begin exchange of traffic.

4.3.1. The Parties agree to establish trunk groups of sufficient capacity from the interconnecting facilities such that trunking is available to any switching center designated by either Party, including end offices, tandems, 911 routing switches, and directory assistance/operator service switches. The Parties will mutually agree where one-way or two-way trunking will be available. The Parties may use two-way trunks for delivery of Local Traffic or either Party may elect to provision its own one-way trunks for delivery of Local Traffic to the other Party. If a Party elects to provision its own one-way trunks, that Party will be responsible for its own expenses associated with the trunks.

4.3.2. US Dial Tone shall make available to GTE trunks over which GTE shall terminate to end-users of US Dial Tone-provided Exchange Services, Local Traffic and intraLATA toll or optional EAS traffic originated from end-users of GTE-provided Exchange Service.

4.3.3. US Dial Tone and GTE shall, where applicable, make reciprocally available, by mutual agreement, the required trunk groups to handle different traffic types. US Dial Tone and GTE will support the provisioning of trunk groups that carry combined or separate Local Traffic and intraLATA toll and optional EAS traffic. GTE requires separate trunk groups from US Dial Tone to originate and terminate interLATA calls and to provide Switched Access Service to IXCs. To the extent US Dial Tone desires to have any IXCs originate or terminate switched access traffic to or from US Dial Tone, using jointly provided switched access facilities routed through a GTE access tandem, it is the responsibility of US Dial Tone to arrange for such IXC to issue an ASR to GTE to direct GTE to route the traffic. If GTE does not receive an ASR from the IXC, GTE will initially route the switched access traffic between the IXC and US Dial Tone. If the IXC subsequently indicates that it does not want the traffic routed to or from US Dial Tone, GTE will not route the traffic.

4.3.3.1 Each Party agrees to route traffic only over the proper jurisdictional trunk group.

4.3.3.2 Each Party shall only deliver traffic over the local interconnection trunk groups to the other Party's access tandem for those publicly-dialable NXX Codes served by end offices that directly subtend the access tandem or to those wireless service providers that directly subtend the access tandem.

4.3.3.3 Neither party shall route Switched Access Service traffic over local

Traffic carried on local interconnection trunks. If either Party does not provide to the other Party an updated PLU, the previous PLU will be utilized. The parties agree to the initial PLU factor as set forth in Appendix A.

- 4.3.6. Reciprocal traffic exchange arrangement trunk connections shall be made at a DS-1 or multiple DS-1 level, DS-3, (Synchronous Optical Network (SONET)) where technically available) and shall be jointly-engineered to the appropriate industry grade of service standard B.01 or B.005.
- 4.3.7. US Dial Tone and GTE agree to use diligent efforts to develop and agree on a Joint Interconnection Grooming Plan prescribing standards to ensure that the reciprocal traffic exchange arrangement trunk groups are maintained at the appropriate industry grades of service standard B.01 or B.005. Such plan shall also include mutually-agreed upon default standards for the configuration of all segregated trunk groups.
- 4.3.8. SS7 Common Channel Signaling will be used to the extent that such technology is available. If SS7 is not available, Multi-Frequency Signaling (MF) will be used as specified.
- 4.3.9. The Parties agree to offer and provide to each other B8ZS Extended Superframe Format (ESF) facilities, where available, capable of voice and data traffic transmission.
- 4.3.10. The Parties will support intercompany 64kbps clear channel where available.
- 4.3.11. Orders between the Parties to establish, add, change or disconnect trunks shall be processed by use of an Access Service Request (ASR), or another industry standard eventually adopted to replace the ASR for local service ordering.

4.4 Trunk Forecasting.

- 4.4.1 The Parties will develop joint forecasting of trunk groups in accordance with Article III, Section 12. Intercompany forecast information must be provided by the Parties to each other twice a year. The semi-annual forecasts will include:
 - 4.4.1.1 yearly forecasted trunk quantities for no less than a two-year period (current year, plus one year); and
 - 4.4.1.2 the use of (i) CLCI? -MSG codes, which are described in Telcordia Technologies document BR 795-100-100; (ii) circuit identifier codes as described in BR 795-400-100; and (iii) Trunk Group Serial Number (TGSN) as described in BR 751-100-195.

4.5 Trunk Facility Under Utilization.

At least once a year the Parties shall exchange trunk group measurement reports for trunk groups terminating to the other Party's network. In addition and from time to time, each Party will determine the required trunks for each of the other Party's trunk groups from the previous 12 months servicing data. Required trunks will be based on the appropriate grade of service standard (B.01 or B.005) or the Joint Interconnection Grooming Plan referenced in Section 4.3.7. When a condition of excess capacity is identified, GTE will facilitate a review of the trunk group existing and near term (3 to 6 months) traffic requirements with the customer for possible network efficiency adjustment.

4.6 Network Redesigns Initiated by GTE.

GTE will not charge US Dial Tone when GTE initiates its own network redesigns/reconfigurations.

4.7 Interconnection Calling and Called Scopes for the Access Tandem Interconnection and the End Office Interconnection.

4.7.1 GTE Access Tandem Interconnection calling scope (originating and terminating) is to those GTE end offices which subtend the GTE access tandem to which the connection is made except as provided for in Section 3.3 of this Article V.

4.7.2 GTE End Office Interconnection calling scope (originating and terminating) is only to the end office and its remotes to which the connection is made.

5. Indirect Network Interconnection.

Neither Party shall deliver traffic destined to terminate at the other Party's end office via another LEC's end office. In addition, neither Party shall deliver traffic destined to terminate at an end office subtending the other Party's access tandem via another LEC's access tandem until such time as compensation arrangements have been established in accordance with this Article V, Sections 3.1 and 3.4.

6. Number Resources.

6.1 Number Assignment.

Nothing in this Agreement shall be construed to, in any manner, limit or otherwise adversely impact US Dial Tone's right to employ or to request and be assigned any NANP number resources including, but not limited to, Central Office (NXX) Codes pursuant to the Central Office Code Assignment Guidelines. Any request for numbering resources by US Dial Tone shall be made directly to the NANP Number Plan Administrator. Except with respect to those areas in which GTE is the NANP Number Plan Administrator, GTE shall not be responsible for the requesting or assignment of number resources to US Dial Tone. The Parties agree that disputes arising from numbering assignment shall be arbitrated by

6.2 Rate Centers.

For purposes of compensation between the Parties and the ability of the Parties to appropriately apply their toll rates to their end-user customers, US Dial Tone shall adopt the Rate Center areas and Rate Center points that the Commission has approved for the ILECs and shall assign whole NPA-NXX codes to each Rate Center.

6.3 Routing Points.

US Dial Tone will also designate a Routing Point for each assigned NXX code. US Dial Tone may designate one location within each Rate Center as a Routing Point for the NPA-NXX associated with that Rate Center; alternatively US Dial Tone may designate a single location within one Rate Center to serve as the Routing Point for all the NPA-NXXs associated with that Rate Center and with one or more other Rate Centers served by US Dial Tone within an existing GTE exchange area and LATA.

6.4 Code and Numbers Administration.

The Parties will comply with code administration requirements as prescribed by the FCC, the Commission, and accepted industry guidelines. Where GTE is the NANP Number Plan Administrator, GTE will administer number resources, and charge for such administration in accord with applicable rules and regulations. GTE will administer numbering resources in a competitively neutral manner, and process requests for NXX codes in a timely manner and in accord with industry standards. The Parties shall protect US Dial Tone proprietary information that may be submitted to GTE in connection with GTE's responsibilities as NANP Number Plan Administrator in accordance with Article III, Section 14 of this Agreement.

6.5 Programming Switches.

It shall be the responsibility of each Party to program and update its own switches and network systems pursuant to the Local Exchange Routing Guide (LERG) to recognize and route traffic to the other Party's assigned NXX codes. Neither Party shall impose any fees or charges whatsoever on the other Party for such activities.

7. Number Portability (NP).

7.1 Interim Number Portability (INP).

Each Party shall provide the other Party with service provider number portability as an INP option for the purpose of allowing end-user customers to change service-providing Party without changing their telephone number. The Parties shall provide service provider number portability to each other using remote call forwarding ("RCF") and/or direct inward dialing (DID). The requesting Party will provide "forward to" telephone number that is within the same Wire Center. The GTE rates for INP service using RCF are set out in Appendix B attached to this Agreement and made a part hereof. US Dial Tone shall provide INP to

7.2 Local Number Portability (LNP).

- 7.2.1 The Parties agree that they shall develop and deploy number portability in accordance with the Act, such binding FCC and state mandates, and industry standards, as may be applicable.
- 7.2.2 The Parties agree that all INP accounts will be converted to LNP within a reasonable period of time after the conversion of a switch to commercially available LNP, and that a reasonable period of time is 90 days or as otherwise negotiated.
- 7.2.3 New requests for INP will not be allowed in a switch once LNP has been deployed in that switch.

8. Meet-Point Billing (MPB).

8.1 Meet-Point Arrangements.

- 8.1.1 The Parties may mutually establish MPB arrangements in order to provide Switched Access Services to Access Service customers via a GTE access tandem in accordance with the MPB guidelines adopted by and contained in the Ordering and Billing Forum's MECAB and MECOD documents, except as modified herein and as described in Section 3.2.3 for Interim Portability.
- 8.1.2 Except in instances of capacity limitations, GTE shall permit and enable US Dial Tone to sub-tend the GTE access tandem(s) nearest to the US Dial Tone Rating Point(s) associated with the NPA-NXX(s) to/from which the Switched Access Services are homed. In instances of capacity limitation at a given access tandem, US Dial Tone shall be allowed to subtend the next-nearest GTE access tandem in which sufficient capacity is available.
- 8.1.3 Interconnection for the MPB arrangement shall occur at the IP.
- 8.1.4 Common Channel Signaling shall be utilized in conjunction with MPB arrangements to the extent such signaling is resident in the GTE access tandem switch.
- 8.1.5 US Dial Tone and GTE will use diligent efforts, individually and collectively, to maintain provisions in their respective federal and state access tariffs, and/or provisions within the National Exchange Carrier Association (NECA) Tariff No. 4, or any successor tariff, sufficient to reflect this MPB arrangement, including MPB percentages.
- 8.1.6 As detailed in the MECAB document, US Dial Tone and GTE will, in a timely fashion, exchange all information necessary to accurately, reliably and promptly

8.2 Compensation.

8.2.1 Initially, billing to Access Service customers for the Switched Access Services jointly provided by US Dial Tone and GTE via the MPB arrangement shall be according to the multiple-bill method as described in the MECAB guidelines. This means each Party will bill the portion of service it provided at the appropriate tariff, or price list.

8.2.2 Subsequently, US Dial Tone and GTE may mutually agree to implement one of the following options for billing to third parties for the Switched Access Services jointly provided by US Dial Tone and GTE via the MPB arrangement: single-bill/single tariff method, single-bill/multiple tariff method, or to continue the multiple-bill method. Should either Party prefer to change among these billing methods, that Party shall notify the other Party of such a request in writing, ninety (90) Business Days in advance of the date on which such change is desired to be implemented. Such changes then may be made in accordance with MECAB guidelines and if the Parties mutually agree, the change will be made.

9. Common Channel Signaling.

9.1 Service Description.

The Parties will provide Common Channel Signaling (CCS) to one another via Signaling System 7 (SS7) network interconnection, where and as available, in the manner specified in FCC Order 95-187, in conjunction with all traffic exchange trunk groups. SS7 signaling and transport services shall be provided by GTE in accordance with the terms and conditions of this Section 9 of this Article. The Parties will cooperate on the exchange of all appropriate SS7 messages for local and intraLATA call set-up signaling, including ISDN User Part (ISUP) and Transaction Capabilities Application Part (TCAP) messages to facilitate full interoperability of all CLASS Features and functions between their respective networks. Any other SS7 message services to be provided using TCAP messages (such as data base queries) will be jointly negotiated and agreed upon.

9.2 Signaling Parameters.

All SS7 signaling parameters will be provided in conjunction with traffic exchange trunk groups, where and as available. These parameters include Automatic Number Identification (ANI), Calling Party Number (CPN), Privacy Indicator, calling party category information, originating line information, charge number, etc. Also included are all parameters relating to network signaling information, such as Carrier Information Parameter (CIP), wherever such information is needed for call routing or billing. GTE will provide SS7 via GR-394-SS7 and/or GR-317-SS7 format(s).

9.3 Privacy Indicators.

Each Party will honor all privacy indicators as required under applicable law.

9.5 Third Party Signaling Providers.

US Dial Tone may choose a third-party SS7 signaling provider to transport messages to and from the GTE SS7 network. In that event, that third party provider must present a letter of agency to GTE, prior to the testing of the interconnection, authorizing the third party to act on behalf of US Dial Tone in transporting SS7 messages to and from GTE. The third-party provider must interconnect with the GTE STP(s) serving the LATA in which the traffic exchange trunk groups are interconnected.

9.6 Multi-Frequency Signaling.

In the case where CCS is not available, in band Multi-Frequency (MF), wink start, E & M channel associated signaling with ANI will be provided by the Parties. Network signaling information, such as CIC/OZZ, will be provided wherever such information is needed for call routing or billing.

10. Network Management Controls.

Each Party shall provide a 24-hour contact number for Network Traffic Management issues to the other's network surveillance management center. A fax number must also be provided to facilitate event notifications for planned mass calling events. Additionally, both Parties agree that they shall work cooperatively that all such events shall attempt to be conducted in such a manner as to avoid degradation or loss of service to other end-users. Each Party shall maintain the capability of respectively implementing basic protective controls such as "Cancel To" and "Call Gap."

ARTICLE VI
RESALE OF SERVICES

1. General.

The purpose of this Article VI is to define the Exchange Services and related Vertical Features and other Services (collectively referred to for purposes of this Article VI as the "Services") that may be purchased from GTE and resold by US Dial Tone and the terms and conditions applicable to such resold Services. Except as specifically provided otherwise in this Agreement, provisioning of Exchange Services for resale will be governed by the GTE Guide. GTE will make available to US Dial Tone for resale any Telecommunications Service that GTE currently offers, or may offer hereafter, on a retail basis to subscribers that are not telecommunications carriers, except as qualified by Section 2.1 below.

2. Terms and Conditions.

2.1 Restrictions on Resale.

The following restrictions shall apply to the resale of retail services by US Dial Tone.

2.1.1 US Dial Tone shall not resell to one class of customers a service that is offered by GTE only to another class of customers in accordance with state requirements (e.g., R-1 to B-1, disabled services or lifeline services to non-qualifying customers).

2.1.2 US Dial Tone shall not resell lifeline services and services for the disabled.

2.1.3 US Dial Tone shall not resell promotional offerings of 90 days or less in duration. These promotional offerings are not available to US Dial Tone for resale. GTE will apply any applicable resale discount to the ordinary rate for a retail service rather than the special promotional rate.

2.2 Interim Universal Service Support Charge for Resale Services.

US Dial Tone wishes to resell GTE's Basic Exchange Residential and Business services. It is GTE's position that GTE's current intraLATA toll rates include implicit subsidies that support below-cost prices for other services and thus promote universal service. This universal service support is lost where a CLEC resells GTE's local service but does not resell GTE's intraLATA toll service. For this reason, GTE will not resell Basic Exchange Residential or Business services unless US Dial Tone pays the monthly interim universal service support charge set forth in Appendix C. GTE believes that this interim surcharge is required by state and federal law.

The lawfulness of GTE's interim surcharge is being addressed (or will be addressed) by

- 2.2.2 Notwithstanding any provision in this Agreement, GTE may, at its sole discretion and at any time, seek injunctive or other relief (i) requiring the CLEC to pay GTE's interim surcharge or (ii) requiring the Commission to immediately impose the interim surcharge.
- 2.2.3 Nothing in this Agreement shall restrict or impair GTE from seeking injunctive relief or any other remedy at any time and in any court regarding GTE's interim surcharge or the Commission's rejection or modification of GTE's interim surcharge.

2.3 Restrictions on Discount of Retail Services.

The discount specified in Section 5.3 herein shall apply to all retail services except for the following:

- 2.3.1 US Dial Tone may resell services that are provided at a volume discount in accordance with terms and conditions of applicable tariff. US Dial Tone shall not aggregate end-user lines and/or traffic in order to qualify for volume discount.
- 2.3.2 US Dial Tone may resell ICB/Contract services without a discount and only to end-user customers that already have such services.
- 2.3.3 US Dial Tone may resell COCOT coin or coinless line; however, no discount applies.
- 2.3.4 US Dial Tone may resell special access; however, no discount applies.
- 2.3.5 US Dial Tone may resell operator services and directory assistance as specified in Section 5.6 herein ; however, no discount applies.

2.4 Resale to Other Carriers.

Services available for resale may not be used by US Dial Tone to provide access to the local network as an alternative to tariffed switched and special access by other carriers, including, but not limited to; interexchange carriers, wireless carriers, competitive access providers, or other retail telecommunications providers.

3. Ordering and Billing.

3.1 Service Ordering, Service Provisioning, and Billing.

US Dial Tone will order services for resale directly from GTE through an electronic interface or fax. The following describes generally the processes GTE will use for ordering, provisioning and billing for resold services. Except as specifically provided otherwise in this Agreement, service ordering, provisioning, billing and maintenance shall be governed by

3.2.1 GTE will accept orders for As-Is Transfer (AIT) of services from GTE to US Dial Tone where GTE is the end-user's current local exchange company. GTE cannot provide an AIT of service from another CLEC selling GTE's services to US Dial Tone.

3.3 Certificate of Operating Authority.

When ordering, US Dial Tone must represent and warrant to GTE that it is a certified provider of local dial-tone service. US Dial Tone will provide a copy of its Certificate of Operating Authority or other evidence of its status to GTE upon request.

3.4 Directory Assistance (DA) Listings.

GTE shall include a US Dial Tone customer listing in its DA database as part of the LSR process. GTE will honor US Dial Tone Customer's preferences for listing status, including non-published and unlisted, and will enter the listing in the GTE database which is used to perform DA functions as it appears on the LSR.

3.5 Nonrecurring Charges.

US Dial Tone shall be responsible for the payment of all nonrecurring charges (NRCs) applicable to resold Services (e.g., installation, changes, ordering charges) as listed in Appendix C. In addition, NRCs for Field Service work (Installation/Repair requiring on site visits) will be charged from the appropriate tariff. No discount applies to nonrecurring charges.

3.6 Alternate Billed Calls.

GTE shall record usage data originating from US Dial Tone subscribers that GTE records with respect to its own retail customers, using services ordered by US Dial Tone. On resale accounts, GTE will provide usage in EMR format per existing file exchange schedules. Incollects are calls that are placed using the services of GTE or another LEC or Local Service Provider (LSP) and billed to a resale service line of US Dial Tone. Outcollects are calls that are placed using a US Dial Tone resale service line and billed to a GTE line or line of another LEC or LSP. Examples of an incollect or an outcollect are collect, credit card calls.

3.6.1 Incollects. GTE will provide the rated record it receives from the CMDS network, or which GTE records (non-intercompany), to US Dial Tone for billing to US Dial Tone's end-users. GTE will settle with the earning company, and will bill US Dial Tone the amount of each incollect record less the Billing & Collection (B&C) fee for end-user billing of the incollects. The B&C credit will be \$.05 per billed message. Any additional message processing fees associated with US Dial Tone's incollect messages that are incurred by GTE will be billed to US Dial Tone on the monthly statement.

charges as agreed to for services purchased, and US Dial Tone will be compensated by the billing company for the revenue which US Dial Tone is due.

When a non-GTE entity provides operator service to the GTE end office from which the resale line is provisioned, US Dial Tone must contract with the operator services provider to get any EMR records which US Dial Tone requires.

3.7 Transfers Between US Dial Tone and Another Reseller of GTE Services.

When US Dial Tone has obtained an end-user customer from another reseller of GTE services, US Dial Tone will inform GTE of the transfer by submitting standard LSR forms to GTE.

3.7.1 GTE cannot accept an order for AIT of service from one CLEC reselling GTE services to another reseller of GTE services.

3.8 Local Calling Detail.

Except for those Services and in those areas where measured rate local service is available to end-users, monthly billing to US Dial Tone does not include local calling detail. However, US Dial Tone may request and GTE shall consider developing the capabilities to provide local calling detail in those areas where measured local service is not available for a mutually agreeable charge.

3.9 Billing.

GTE will utilize CBSS to produce the required bills for resold services. CBSS will create a bill to US Dial Tone along with a summary bill master. State or sub-state level billing will include up to thirty (30) summary bill accounts.

3.10 LIDB.

For resale services, the LSR will generate updates to GTE's LIDB for validation of calling card, collect, and third number billed calls.

3.11 Originating Line Number Screening (OLNS).

Upon request, GTE will update the database to provide OLNS which indicates to an operator the acceptable billing methods for calls originating from the calling number (e.g., penal institutions, COCOTS).

4. Maintenance.

4.1 Maintenance, Testing and Repair.

GTE will provide repair and maintenance services to US Dial Tone and its end-user customers for resold services in accordance with the same standards and charges used

5. Services Available for Resale.

5.1 Description of Local Exchange Services Available for Resale.

Resold basic Exchange Service includes, but is not limited to, the following elements:

- (a) Voice Grade Local Exchange Access Line - includes a telephone number and dial tone.
- (b) Local Calling - at local usage measured rates if applicable to the end-user customer.
- (c) Access to long distance carriers
- (d) E-911 Emergency Dialing
- (e) Access to Service Access Codes - e.g., 800, 888, 900
- (f) Use of AIN Services (those Currently Available to end-users)
- (g) End-user Private Line Services
- (h) Listing of telephone number in appropriate "white pages" directory; and
- (i) Copy of "White Pages" and "Yellow Pages" directories for the appropriate GTE service area
- (j) IntraLATA toll

5.2 Other Services Available for Resale.

GTE will provide resold services at retail less the avoided cost discount as defined in Article VI, Section 5.3. Subject to the limitations enumerated in Article VI of this Agreement, the type of resold services made available to US Dial Tone are those telecommunication services described in GTE's retail tariffs, as amended from time to time. Any new retail services that GTE offers in such tariffs to customers who are not telecommunications carriers may also be available to US Dial Tone for resale under the same terms and conditions contained in this Agreement.

5.2.1 Promotional Services. GTE shall make available for resale, those promotional offerings that are greater than 90 days in duration and the special promotional rate will be subject to the applicable resale discount.

5.3 Rates.

5.4 Grandfathered Services.

Services identified in GTE Tariffs as grandfathered in any manner are available for resale only to end-user customers that already have such grandfathered service. An existing end-user customer may not move a grandfathered service to a new service location. Grandfathered Services are subject to a resale discount.

5.5 Access.

GTE retains all revenue due from other carriers for access to GTE facilities, including both switched and special access charges.

5.6 Operator Services (OS) and Directory Assistance (DA).

OS for local and toll assistance (for example, call completion, busy line verification and emergency interruption) and DA (e.g., 411 calls) are provided as a part of Exchange Services offered for resale. GTE may brand this service as GTE .US Dial Tone will be billed in accordance with GTE's retail tariff.

5.6.1 If US Dial Tone requests branding or unbranding, GTE will provide such unbranding or rebranding with US Dial Tone's name.

5.6.2 US Dial Tone will be billed a charge for unbranding or rebranding and customized routing.

5.6.3 For those offices that US Dial Tone has requested GTE to rebrand and/or unbrand OS and DA, GTE will provide it where GTE performs its own OS and DA service subject to capability and capacity limitations where customized routing is Currently Available. If GTE uses a third-party contractor to provide OS or DA, GTE will not provide branding nor will GTE negotiate it with a third party on behalf of US Dial Tone. US Dial Tone must negotiate with the third party. In these instances, US Dial Tone will need to purchase customized routing and dedicated trunking to differentiate its OS/DA traffic from GTE's.

ARTICLE VII
UNBUNDLED NETWORK ELEMENTS

SEPARATE ARTICLE VII WILL BE INSERTED HERE

ARTICLE VIII

ADDITIONAL SERVICES AND COORDINATED SERVICE ARRANGEMENTS

1. Transfer of Service Announcements.

When an end-user customer transfers service from one Party to the other Party, and does not retain its original telephone number, the Party formerly providing service to the end-user will provide, upon request and if such service is provided to its own customers, a referral announcement on the original telephone number. This announcement will provide the new number of the customer and will remain in effect for the same time period this service is provided to GTE's own end-users.

2. Misdirected Calls.

The Parties will employ the following procedures for handling any misdirected calls (e.g., Business office, repair bureau, etc.):

- 2.1 To the extent the correct provider can be determined, each Party will refer misdirected calls to the proper provider of local exchange service. When referring such calls, both Parties agree to do so in a courteous manner at no charge.
- 2.2 For misdirected repair calls, the Parties will provide their respective repair bureau contact number to each other on a reciprocal basis and provide the end-user the correct contact number.
- 2.3 In responding to misdirected calls, neither Party shall make disparaging remarks about each other, nor shall they use these calls as a basis for internal referrals or to solicit end-users or to market services.

3. 911/E-911 Arrangements.

3.1 Description of Service.

US Dial Tone will install from each of its central offices a minimum of two (2) dedicated trunks to GTE's 911/E-911 selective routers (i.e., 911 tandem offices) that serve the areas in which US Dial Tone provides Exchange Services, for the provision of 911/E-911 services and for access to all subtending PSAPs. The dedicated trunks shall be, at a minimum, DS-0 level trunks configured as a 2-wire analog interface or as part of a digital (1.544 Mbps) interface in which all circuits are dedicated to 9-1-1 traffic. Either configuration shall use CAMA type signaling with multi-frequency (MF) tones that will deliver ANI with the voice portion of the call. GTE will provide US Dial Tone with the appropriate CLLI (Common Language Location Identifier) Codes and specifications of the tandem office serving area or the location of the primary Public Safety Answering Point (PSAP) when there is no 911 routing in that 911 district. If a US Dial Tone central office serves end-users in an area

3.3 Cooperation and Level of Performance.

The Parties agree to provide access to 911/E-911 in a manner that is transparent to the end-user. The Parties will work together to facilitate the prompt, reliable and efficient interconnection of US Dial Tone's systems to the 911/E-911 platforms, with a level of performance that will provide the same grade of service as that which GTE provides to its own end-users. To this end, GTE will provide documentation to US Dial Tone showing the correlation of its rate centers to its E-911 tandems at rates set forth in Appendix E .

3.4 Basic 911 and E-911 General Requirements:

- 3.4.1 Basic 911 and E-911 provides a caller access to the appropriate emergency service bureau by dialing a 3-digit universal telephone number (911).
- 3.4.2 Where GTE has a 911 selective router installed in the network serving the 911 district, GTE shall use subscriber data derived from the Automatic Location Identification/Database Management System (ALI/DMS) to selectively route the 911 call to the PSAP responsible for the caller's location.
- 3.4.3 All requirements for E-911 also apply to the use of SS7 as a type of signaling used on the interconnection trunks from the local switch to an end office or a selective router.
- 3.4.4 Basic 911 and E-911 functions provided to US Dial Tone shall be at least at parity with the support and services that GTE provides to its subscribers for such similar functionality.
- 3.4.5 Basic 911 and E-911 access from Local Switching shall be provided to US Dial Tone in accordance with the following:
 - 3.4.5.1 GTE and US Dial Tone shall conform to all state regulations concerning emergency services.
 - 3.4.5.2 For E-911, both US Dial Tone and GTE shall use their respective service order processes to update access line subscriber data for transmission to the database management systems. Validation will be done via MSAG comparison listed in Section 3.4.5.5.
 - 3.4.5.3 If legally required by the appropriate jurisdiction, GTE shall provide or overflow 911 traffic to be routed to GTE operator services or, at US Dial Tone's discretion, directly to US Dial Tone operator services.
 - 3.4.5.4 Basic 911 and E-911 access from the US Dial Tone local switch shall be provided from GTE to US Dial Tone in accordance with the following:

- 3.4.5.4.2.1 Each Party shall be responsible for those portions of the 911 System for which it has control, including any necessary maintenance to each Party's portion of the 911 System.
- 3.4.5.4.2.2 US Dial Tone and GTE recognize that the lead telco in a 911 district has the responsibility of maintaining the ALI database for that district. Each company will provide its access line subscriber records to the database organization of that lead telco. US Dial Tone and GTE will be responsible for correcting errors when notified by either the 911 district or its customer, and then submitting the corrections to the lead telco. Lead telco database responsibilities are covered in Section 3.4.5.5 of this Article.
- 3.4.5.4.2.3 US Dial Tone shall have the right to verify the accuracy of information regarding US Dial Tone customers in the ALI database using methods and procedures mutually agreed to by the Parties. The fee for this service shall be determined based upon the agreed upon solution.
- 3.4.5.4.3 If a third party is the primary service provider to a 911 district, US Dial Tone shall negotiate separately with such third party with regard to the provision of 911 service to the agency. All relations between such third party and US Dial Tone are totally separate from this Agreement and GTE makes no representations on behalf of the third party.
- 3.4.5.4.4 If US Dial Tone or Affiliate is the primary service provider to a 911 district, US Dial Tone and GTE shall negotiate the specific provisions necessary for providing 911 service to the agency and shall include such provisions in an amendment to this Agreement.
- 3.4.5.4.5 Interconnection and database access shall be at rates as set forth in Appendix E.
- 3.4.5.4.6 GTE shall comply with established, competitively neutral intervals for installation of facilities, including any collocation facilities, diversity requirements, etc.

- 3.4.5.5.1 The ALI database shall be managed by GTE, but is the property of GTE and any participating LEC or US Dial Tone which provides their records to GTE.
- 3.4.5.5.2 Copies of the MSAG shall be provided within five (5) Business Days after the date the request is received and provided on diskette or paper copy at the rates set forth in Appendix E.
- 3.4.5.5.3 US Dial Tone shall be solely responsible for providing US Dial Tone database records to GTE for inclusion in GTE's ALI database on a timely basis.
- 3.4.5.5.4 GTE and US Dial Tone shall arrange for the automated input and periodic updating of the E-911 database information related to US Dial Tone end-users. GTE shall work cooperatively with US Dial Tone to ensure the accuracy of the data transfer by verifying it against the Master Street Address Guide (MSAG). GTE shall accept electronically transmitted files or magnetic tape that conform to National Emergency Number Association (NENA) Version #2 format.
- 3.4.5.5.5 US Dial Tone shall assign an E-911 database coordinator charged with the responsibility of forwarding US Dial Tone end-user ALI record information to GTE or via a third-party entity, charged with the responsibility of ALI record transfer. US Dial Tone assumes all responsibility for the accuracy of the data that US Dial Tone provides to GTE.
- 3.4.5.5.6 GTE shall update the database within one (1) Business Day of receiving the data from US Dial Tone. If GTE detects an error in the US Dial Tone provided data, the data shall be returned to US Dial Tone within one day from when it was provided to GTE. US Dial Tone shall respond to requests from GTE to make corrections to database record errors by uploading corrected records within one day. Manual entry shall be allowed only in the event that the system is not functioning properly.
- 3.4.5.5.7 GTE agrees to treat all data on US Dial Tone subscribers provided under this Agreement as strictly confidential and to use data on US Dial Tone subscribers only for the purpose of providing E-911 services.
- 3.4.5.5.8 GTE shall adopt use of a Carrier Code (NENA standard five-character field) on all ALI records received from US Dial

trunk level. Monitoring shall be conducted by GTE for trunks between the selective router and all associated PSAPs.

- 3.4.5.6.2 Repair service shall begin immediately upon report of a malfunction. Repair service includes testing and diagnostic service from a remote location, dispatch of or in-person visit(s) of personnel. Where an on-site technician is determined to be required, a technician will be dispatched without delay.
- 3.4.5.6.3 GTE shall notify US Dial Tone forty-eight (48) hours in advance of any scheduled testing or maintenance affecting US Dial Tone 911 service. GTE shall provide notification as soon as possible of any unscheduled outage affecting US Dial Tone 911 service.
- 3.4.5.6.4 All 911 trunks must be capable of transporting Baudot Code necessary to support the use of Telecommunications Devices for the Deaf (TTY/TDDs).

3.4.5.7 Basic 911 and E-911 Additional Requirements

- 3.4.5.7.1 All US Dial Tone lines that have been ported via INP shall reach the correct PSAP when 911 is dialed. Where GTE is the lead telco and provides the ALI, the ALI record will contain both the US Dial Tone number and GTE ported number. The PSAP attendant shall see both numbers where the PSAP is using a standard ALI display screen and the PSAP extracts both numbers from the data that is sent. GTE shall cooperate with US Dial Tone to ensure that 911 service is fully available to all US Dial Tone end-users whose telephone numbers have been ported from GTE, consistent with State provisions.
- 3.4.5.7.2 US Dial Tone and GTE shall be responsible for reporting all errors, defects and malfunctions to one another. GTE and US Dial Tone shall provide each other with a point of contact for reporting errors, defects, and malfunctions in the service and shall also provide escalation contacts.
- 3.4.5.7.3 US Dial Tone may enter into subcontracts with third parties, including US Dial Tone Affiliates, for the performance of any of US Dial Tone's duties and obligations stated herein.
- 3.4.5.7.4 Where GTE is the lead telco, GTE shall provide US Dial Tone with notification of any pending selective router moves within

3.4.6 Basic 911 and E-911 Information Exchanges and interfaces. Where GTE is the lead telco:

3.4.6.1 GTE shall provide US Dial Tone access to the ALI Gateway which interfaces to the ALI/DMS database. GTE shall provide error reports from the ALI/DMS database to US Dial Tone within one (1) day after US Dial Tone inputs information into the ALI/DMS database. Alternately, US Dial Tone may utilize GTE or a third-party entity to enter subscriber information into the database on a demand basis, and validate subscriber information on a demand basis. The rates are set forth in Appendix E.

3.4.6.2 GTE and US Dial Tone shall arrange for the automated input and periodic updating of the E-911 database information related to US Dial Tone end-users. GTE shall work cooperatively with US Dial Tone to ensure the accuracy of the data transfer by verifying it against the Master Street Address Guide (MSAG). GTE shall accept electronically transmitted files or magnetic tape that conform to National Emergency Number Association (NENA) Version #2 format.

3.4.6.3 Updates to MSAG. Upon receipt of an error recording an US Dial Tone subscriber's address from GTE, and where GTE is the lead telco, it shall be the responsibility of US Dial Tone to ensure that the address of each of its end-users is included in the Master Street Address Guide (MSAG) via information provided on US Dial Tone's LSR or via a separate feed established by US Dial Tone pursuant to Section 3.4.5.7 of this Article.

3.4.6.4 The ALI database shall be managed by GTE, but is the property of GTE and all participating telephone companies. The interface between the E-911 Switch or Tandem and the ALI/DMS database for US Dial Tone subscriber shall meet industry standards.

3.5 Compensation.

3.5.1 In situations in which GTE is responsible for maintenance of the 911/E-911 database and can be compensated for maintaining US Dial Tone's information by the municipality, GTE will seek such compensation from the municipality. US Dial Tone will compensate GTE for such maintenance of the 911/E-911 database only if and to the extent that GTE is unable to obtain such compensation from the municipality. GTE shall charge US Dial Tone a portion of the cost of the shared 911/E-911 selective router as set forth in Appendix E.

3.5.2 For states where GTE bills and keeps the 9-1-1 surcharges, e.g. Hawaii, Ohio, and Michigan's Technical Surcharge, US Dial Tone will bill its access line subscribers

that charge to that government agency. GTE will have no responsibility in billing or remitting surcharges that apply to US Dial Tone's access line subscribers.

3.5.4 Should the 9-1-1 surcharge fee change, GTE will promptly inform US Dial Tone of that change so that US Dial Tone may conform to the new rate(s).

3.6 Liability.

GTE will not be liable for errors with respect to 911/E-911 services except for its gross negligence as addressed in applicable tariffs.

4. Information Services Traffic.

4.1 Routing.

Each Party shall route traffic for Information Services (i.e., 900-976, Internet, weather lines, sports providers, etc.) which originates on its network to the appropriate Information Service Platform.

4.2 Billing and Collection and Information Service Provider (ISP) Remuneration.

4.2.1 In the event GTE performs switching of ISP traffic associated with resale or unbundled ports for US Dial Tone, GTE shall provide to US Dial Tone the same call detail records that GTE records for its own end-users, so as to allow US Dial Tone to bill its end-users. GTE shall not be responsible or liable to US Dial Tone or ISP for Billing and Collection and/or any receivables of Information Service Providers.

4.2.2 Notwithstanding and in addition to Article III, Section 28, GTE shall be indemnified and held harmless by US Dial Tone from and against any and all suits, actions, losses, damages, claims, or liability of any character, type, or description, including all expenses of litigation and court cost which may arise as a result of the provisions contained in this Article VIII, Section 4.2.1 supra. The indemnity contained in this section shall survive the termination of this Agreement, for whatever reason.

4.2.3 GTE agrees to notify US Dial Tone in writing within ten (10) Business Days, by registered or certified mail at the address specified in Article III, Section 31, of any claim made against GTE on the obligations indemnified against pursuant to this Article VIII, Section 4.

4.2.4 It is understood and agreed that the indemnity provided for in this Article VIII, Section 4 is to be interpreted and enforced so as to provide indemnification of liability to GTE to the fullest extent now or hereafter permitted by law.

4.4 Miscellaneous.

GTE reserves the right to provide to any Information Service Provider a list of any and all Telecommunications Providers doing business with GTE.

5. Telephone Relay Service.

Local and intraLATA Telephone Relay Service (TRS) enables deaf, hearing-impaired, or speech-impaired TRS users to reach other telephone users. With respect to resold services, US Dial Tone's end-users will have access to the state authorized TRS provider to the extent required by the Commission, including any applicable compensation surcharges.

6. Directory Assistance and Operator Services.

Where US Dial Tone is providing local service with its own switch, upon US Dial Tone's request GTE will provide to US Dial Tone rebranded or unbranded DA services and/or OS pursuant to separate contracts to be negotiated in good faith between the Parties. If US Dial Tone so requests DA services and/or OS, such contracts shall provide for the following:

6.1 Directory Assistance Calls.

GTE DA centers shall provide number and addresses to US Dial Tone end-users in the same manner that number and addresses are provided to GTE end-users. If information is provided by an automated response unit (ARU), such information shall be repeated twice in the same manner in which it is provided to GTE end-users. Where available, GTE will provide call completion to US Dial Tone end-users in the same manner that call completion is provided to GTE end-users. GTE will provide its existing services to US Dial Tone end-users consistent with the service provided to GTE end-users.

6.2 Operator Services Calls.

GTE OS provided to US Dial Tone end-users shall be provided in the same manner GTE OS are provided to GTE end-users. In accordance with GTE practices and at GTE rates, GTE will offer to US Dial Tone end-users collect, person-to-person, station-to-station calling, third-party billing, emergency call assistance, calling card services, credit for calls, time and charges, notification of the length of call, and real time rating. GTE operators shall also have the ability to quote US Dial Tone rates upon request but only if there is appropriate cost recovery to GTE and to the extent it can be provided within the technical limitations of GTE's switches. GTE will provide its existing services to US Dial Tone end-users consistent with the service GTE provides to its own end-users.

7. Directory Assistance Listings Information.

GTE will make available to US Dial Tone, at US Dial Tone's request, GTE end-user and authorized LEC DA listing information stored in GTE's DA database for the purposes of US Dial Tone providing DA service to its customers. Implementation of customized routing is required for US Dial

(NDM) as specified by US Dial Tone. Updates to the DA listing information shall be provided on a daily basis through the same means used to transmit the initial load. DA listing information provided shall indicate whether the customer is a residence or business customer.

7.2.1 Such listings shall be confidential information pursuant to Article III of this Agreement and US Dial Tone will use the listings only for its DA services to its end-users. US Dial Tone is not authorized to release GTE's DA listing information to any third party or to provide DA to any other party using GTE DA listing information, including US Dial Tone's affiliates, subsidiaries or partners, except with the expressed written permission of GTE. In those instances where US Dial Tone's affiliates, subsidiaries or partners also desire to use GTE's DA listing information, each affiliate, subsidiary or partner must negotiate a separate contract with GTE to obtain the listings.

7.2.2 If US Dial Tone uses a third-party DA service for its end-users, US Dial Tone will ensure that such third party likewise treats the listings as Confidential Information pursuant to Article III of this Agreement, and uses them only for US Dial Tone end-user DA.

7.2.3 GTE will include US Dial Tone's DA listing information in GTE's DA data base which may be released to third parties which request GTE's DA listing information, unless US Dial Tone provides GTE written notice within sixty (60) Business Days after the effective date of this Agreement that its DA listing information is restricted and should not be released to third parties. In the event that US Dial Tone does properly notify GTE that its DA listing information is restricted, GTE will so advise third parties requesting such information.

7.3 US Dial Tone agrees to pay GTE's standard charges for the initial load and daily updates of GTE's DA listing information, which will be provided upon request.

7.4 The Parties will work together to identify and develop procedures for database error corrections.

8. Directory Listings and Directory Distribution.

US Dial Tone will be required to negotiate a separate agreement for directory listings and directory distribution, except as set forth below, with GTE's directory publication company.

8.1 Listings.

US Dial Tone agrees to supply GTE on a regularly scheduled basis, at no charge, and in a mutually agreed upon format (e.g. Ordering and Billing Forum developed), all listing information for US Dial Tone's subscribers who wish to be listed in any GTE published

8.2 Distribution.

Upon directory publication, GTE will arrange for the initial distribution of the directory to service subscribers in the directory coverage area at no charge.

US Dial Tone will supply GTE in a timely manner with all required subscriber mailing information including non-listed and non-published subscriber mailing information, to enable GTE to perform its distribution responsibilities.

9. Busy Line Verification and Busy Line Verification Interrupt.

Each Party shall establish procedures whereby its operator assistance bureau will coordinate with the operator assistance bureau of the other Party to provide Busy Line Verification (BLV) and Busy Line Verification and Interrupt (BLVI) services on calls between their respective end-users. Each Party shall route BLV and BLVI inquiries over separate inward OS trunks. Each Party's operator assistance bureau will only verify and/or interrupt the call and will not complete the call of the end-user initiating the BLV or BLVI. Each Party shall charge the other for the BLV and BLVI services at the rates contained in the respective tariffs.

10. Street Address Guide (SAG).

GTE will provide to US Dial Tone upon request the Street Address Guide at a reasonable charge. Two companion files will be provided with the SAG which lists all services and features at all end offices, and lists services and features that are available in a specific end office.

11. Dialing Format Changes.

GTE will provide reasonable notification to US Dial Tone of changes to local dialing format, *i.e.*, 7 to 10 digit, by end office.

ARTICLE IX
COLLOCATION

1. General.

GTE shall provide collocation services in accordance with and subject to the terms and conditions of this Article IX and other applicable requirements of this Agreement. Collocation provides for access to those GTE wire centers or access tandems listed in the NECA, Tariff FCC No. 4 for the purpose of interconnection for the exchange of traffic with GTE and/or access to unbundled network elements (UNEs). Collocation shall be accomplished through caged or cageless service offerings, as described below, except if not practical for technical reasons or due to space limitations. In such event, GTE shall provide adjacent collocation or other methods of collocation, subject to space availability and technical feasibility.

2. Types of Collocation.

2.1 Single Caged.

A single caged arrangement is a form of caged collocation, which allows a single CLEC to lease caged floor space to house its equipment within GTE wire center(s) or access tandem(s).

2.2 Shared Caged.

A shared caged arrangement is a newly constructed caged collocation arrangement that is jointly applied for and occupied by two or more CLECs within a GTE wire center or access tandem. When two or more CLECs request establishment and jointly apply for a new caged collocation arrangement to be used as a shared caged arrangement, one of the participating CLECs must agree to be the host CLEC (HC) and the other(s) to be the guest CLEC (GC). The HC and GC(s) are solely responsible for determining whether to share a shared caged collocation arrangement and if so, upon what terms and conditions. GTE will not issue separate billing for any of the rate elements associated with the shared caged collocation arrangement between the HC and the GC(s), but GTE will provide the HC with information on the proportionate share of the NRCs for each CLEC in the shared arrangement. The HC will be responsible for ordering and payment of all collocation applicable services ordered by the HC and GC(s). The HC and GC(s) are GTE's customers and have all the rights and obligations applicable hereunder to CLECs purchasing collocation-related services, including, without limitation, the obligation to pay all applicable charges, whether or not the HC is reimbursed for all or any portion of such charges by the guest(s). All terms and conditions for caged collocation as described in this Article IX will apply to shared caged collocation requirements. For additional details on shared caged collocation see GTE's Collocation Services Packet (CSP), which is described in Section 3.1 below.

collocation arrangement and if so, upon what terms and conditions. GTE will not issue separate billing for any of the rate elements associated with the subleased caged collocation arrangement between the CLEC and the third party(s). The CLEC will be responsible for ordering and payment of all collocation applicable services ordered by the CLEC and the third party(s). The CLEC and third party(s) are GTE's customers and have all the rights and obligations applicable hereunder to CLECs purchasing collocation-related services, including, without limitation, the obligation to pay all applicable charges, whether or not the CLEC is reimbursed for all or any portion of such charges by the third party(s). All terms and conditions for caged collocation as described in this Article IX will apply to subleased caged collocation requirements. For additional details on subleased caged collocation, see GTE's CSP.

2.4 Cageless.

Cageless collocation is a form of collocation in which CLECs can place their equipment in GTE wire center(s) or access tandem(s) conditioned space. A cageless collocation arrangement allows a CLEC, using GTE approved vendors, to install equipment in single bay increments in an area designated by GTE. This space will be in a separate lineup, if available. If a separate bay lineup is not available, the CLEC's bay will be segregated by at least one vacant bay from GTE's own equipment unless no other collocation space is available. The equipment location will be designated by GTE and will vary based on individual wire center or access tandem configurations. CLEC equipment will not share the same equipment bays with GTE equipment.

2.5 Adjacent.

An adjacent collocation arrangement permits a CLEC to construct or procure a structure on GTE property for collocation for the purposes of provisioning expanded interconnection and/or access to UNEs in accordance with the terms and conditions of this Agreement. Adjacent collocation is only an option when the following conditions are met: (1) space is legitimately exhausted in GTE's wire center or access tandem for caged and cageless collocation; and (2) it is technically feasible to construct a hut or similar structure on GTE property that adheres to local building code, zoning requirements, and GTE building standards. For additional details on adjacent collocation see GTE's CSP, which is described in Section 3.1 below.

2.6 Other.

A CLEC shall have the right to order collocation services offered pursuant to GTE tariffs following the effective date of this Agreement, including, without limitation, the right to order virtual collocation services in accordance with, and subject to, the terms of GTE's existing federal collocation tariff (GTOC Tariff No. 1). The terms of this Article IX shall not apply to said tariff collocation services. However, new collocation services ordered outside of said tariffs on or after the effective date will be provided pursuant to the terms of this Agreement.

- 3.1.2 Application Form/Fee. US Dial Tone requesting collocation at a wire center or access tandem will be required to complete the application form and submit the non-refundable engineering fee set forth in Appendix G described in Section 6.1 for each wire center or access tandem at which collocation is requested. The application form will require US Dial Tone to provide all engineering, floor space, power, environmental and other requirements necessary for the function of the service. US Dial Tone will provide GTE with specifications for any non-standard or special requirements at the time of application. GTE reserves the right to assess the customer any additional charges on an individual case basis (“ICB”) associated with complying with the requirements or to refuse an application where extensive modifications are required. Any such charges shall be noticed to the CLECs.
- 3.1.3 Notification of Acceptance/Rejection. GTE will notify US Dial Tone in writing within fifteen (15) days following receipt of the completed application if US Dial Tone's requirements cannot be accommodated as specified. Should US Dial Tone submit ten (10) or more applications within a ten (10) day period, the response interval will be increased by ten (10) days for every ten (10) additional applications or fraction thereof.
- 3.1.4 Changes. The first application form filed by US Dial Tone shall be designated the original application. Original applications for collocation arrangements for sites that have not been inspected and approved by US Dial Tone and GTE are subject to requests for minor or major changes to the site requested in the application. Changes will not be initiated until a completed application has been submitted along with appropriate Engineering Fee, if applicable.

Major changes are requests that add telecommunications equipment that requires additional AC or DC power; heating, ventilation, and air conditioning (HVAC) system modifications; or change the size of the cage. At the election of US Dial Tone, major changes may be handled in one of the following two methods to the extent technically feasible.

- (a) Method 1: Additional Application. US Dial Tone may elect to have a major change to its original collocation application treated by GTE as a separate, additional application. An additional application is subject to the same provisioning process and conditions as an original application. On receipt of a complete additional application and Engineering Fee, GTE will notify US Dial Tone in writing within fifteen (15) days following receipt of the completed additional application if the US Dial Tone additional requirements can or cannot be accommodated as specified. Filing an additional application does not change GTE's obligation to process and fulfill the original application nor does it change the

fifteen (15) days following receipt of the completed supplemental application if US Dial Tone requirements can or cannot be accommodated as specified. Upon notification that GTE can accommodate the requirements of the supplemental application, US Dial Tone may elect to proceed with the supplemental application. GTE's obligations under the original application will be merged with the obligations of the supplemental application and the combined project time line will be based on the date the supplemental application was received. All of the provisions herein applicable to an original application similarly apply to a supplemental application.

- (c) Minor changes are those requests that do not require additional AC or DC power, HVAC upgrades, or changes in cage/floor space. The US Dial Tone will be required to submit a revised application but the deliverable dates for the project will not change.

3.2 Space Availability.

GTE will notify US Dial Tone within fifteen (15) days following receipt of the completed application form and non-refundable engineering fee if space is available at the selected wire center or access tandem. If space is not available, GTE will notify US Dial Tone in writing. Space availability and reservation shall be determined in accordance with Section 5.

3.3 Price Quote.

GTE shall provide US Dial Tone with a price quote for collocation services required to accommodate US Dial Tone's request within thirty (30) days of US Dial Tone's application date. GTE reserves the right to change the price quote at any time prior to acceptance by US Dial Tone. If the quote is not accepted by US Dial Tone within such ninety (90) day period, US Dial Tone will be required to submit a new application form and engineering fee and a new quote will be provided based on the new application form.

3.4 ASR.

Upon notification of available space, US Dial Tone will be required to send a completed Access Service Request ("ASR") form to GTE's collocation point of contact. A copy of an ASR form is included in the CSP.

3.5 Augmentation.

All requests for an addition or change to an existing collocation arrangement that has been inspected and turned over to the CLEC is considered an augmentation. An augmentation

3.5.2 Minor Augments of caged and cageless collocation arrangements will require the submission of a complete application form and the Minor Augment Fee. Minor augments are those requests that: (a) do not require additional DC and AC power, (b) do not add equipment that generates more BTU's of heat, or (c) do not increase the caged floor space, over what US Dial Tone requested in its original application. The requirements of a Minor Augment request cannot exceed the capacity of the existing/proposed electrical, power or HVAC system. Requests for CLEC to CLEC Interconnects and DSO, DS1, and DS3 facility terminations are included as Minor Augments.

Minor Augments that require an augment fee are those requests that require GTE to perform a service or function on behalf of US Dial Tone including but not limited to: requests to pull cable for CLEC to CLEC Interconnects and DS0, DS1, and DS3 facility terminations.

Minor Augments that do not require a fee are those augments performed solely by US Dial Tone, that do not require GTE to provide a service or function on behalf of US Dial Tone, including but not limited to, requests to install additional equipment in US Dial Tone cage. Prior to the installation of the additional equipment, US Dial Tone agrees to provide GTE an application form with an updated equipment listing that includes the new equipment to be installed in US Dial Tone's collocation arrangement. Once the equipment list is submitted to GTE, US Dial Tone may proceed with the augment. US Dial Tone agrees that changes in equipment provided by US Dial Tone under this provision will not exceed the engineering specifications for power and HVAC as requested on original application. All augments will be subject to Company inspection, in accordance with term of this contract for the purpose of ensuring compliance with Company safety standards.

3.6 Expansion.

GTE will not be required to construct additional space to provide for caged, cageless and/or adjacent collocation when available space has been exhausted. Where US Dial Tone seeks to expand its existing collocation space, GTE shall make contiguous space available to the extent possible; provided, however, GTE does not guarantee contiguous space to US Dial Tone to expand its existing collocation space. US Dial Tone requests for expansion of existing space within a specific wire center or access tandem will require the submission of an application form and the appropriate Major Augment fee.

3.7 Relocation.

US Dial Tone requests for relocation of the termination equipment from one location to a different location within the same wire center or access tandem will be handled on an ICB basis. US Dial Tone will be responsible for all costs associated with the relocation of its equipment.

- (b) Initiate the necessary modifications to the wire center or access tandem to accommodate US Dial Tone's request.
- (c) Work cooperatively with US Dial Tone to ensure that services are installed in accordance with the service requested.

US Dial Tone is responsible for coordinating with GTE to ensure that services are installed in accordance with the ASR. US Dial Tone shall meet with GTE, if requested by GTE, to review design and work plans for installation of US Dial Tone's designated equipment within GTE premises. GTE and US Dial Tone must meet and begin implementation of the ASR within six (6) months of receipt of the collocation application form and engineering fee(s) set forth in Appendix G described in Section 6.1 or the identified space may be reclaimed and made available for use as provided in Section 5.6. US Dial Tone is responsible to have all cables and other equipment to be furnished by US Dial Tone ready for installation on the date scheduled. If US Dial Tone fails to notify GTE of a delay in the installation date, US Dial Tone will be subject to the appropriate additional labor charge set forth on Appendix G described in Section 6.1.

4.2 Space Preparation.

- 4.2.1 Cage Construction. For caged collocation, GTE will construct the cage with a standard enclosure or US Dial Tone may subcontract this work to a GTE approved contractor.
- 4.2.2 Site Selection/Power. GTE shall designate the space within its wire center and/or access tandem where US Dial Tone shall collocate its equipment. GTE shall provide, at the rates set forth in Appendix G described in Section 6.1, 48V DC power with generator and/or battery back-up, AC convenience outlet, heat, air conditioning and other environmental support to US Dial Tone's equipment in the same standards and parameters required for GTE equipment within that wire center or access tandem. Standard 48V DC power shall be provided in 40 amp increments. GTE will be responsible for the installation of the AC convenience outlets, overhead lighting and equipment superstructure per the established rates.
- 4.2.3 Timing. GTE shall use its best efforts to minimize the additional time required to condition collocation space, and will inform US Dial Tone of the time estimates as soon as possible. GTE shall complete delivery of the floor space to US Dial Tone within ninety (90) days of receipt of the ASR and fifty percent (50%) of the NRCs assuming that the material shipment and construction intervals for the improvements required to accommodate the request (e.g., HVAC, system/power plant upgrade/cables) are met. Space delivery within such timeframe shall also be subject to the permitting process of the local municipality. Prior to US Dial Tone beginning the installation of its equipment in a cage, bay or cabinet, US Dial Tone and GTE must conduct a walk through of the designated collocation space. Upon

not responsible for the design, engineering, or performance of US Dial Tone's equipment and provided facilities for collocation.

- 4.3.2. Permissible Equipment. US Dial Tone is permitted to place in its collocation space only equipment that is used or useful for interconnection or access to unbundled network elements. US Dial Tone shall not place in its collocation space equipment that is designed exclusively for switching or enhanced services and that are not necessary for interconnection or access to unbundled network elements. US Dial Tone may place in its collocation space ancillary equipment such as cross connect frames, and metal storage cabinets. Metal storage cabinets must meet GTE wire center environmental standards.
- 4.3.3. Specifications. US Dial Tone's facilities shall not physically, electronically, or inductively interfere with or impair the service of GTE's or other CLEC's facilities, create hazards or cause physical harm to any individual or the public. All CLEC equipment used for caged and cageless collocation must be tested to, and expected to meet, one of the following requirements as described in the CSP: (a) be tested to, and fully meet, Network Equipment Building Systems (NEBS) Level 3 requirements; or (b) be tested to, and meet, at least the NEBS Level 1 family of requirements as described in Bellcore Special Report SR-3580, plus specific additional risk/safety/hazard criteria specified in the CSP. Equipment that does not conform to this requirement must be installed in a compliant NEBS Level 3 cabinet. However, any CLEC equipment that does not conform to NEBS Level 1 will not be allowed to be installed.

GTE reserves the right to remove and/or refuse use of CLEC facilities and equipment from its list of approved products if such products, facilities, and equipment are determined to be no longer compliant with NEBS standards or Electromagnetic Compatibility and Electrical Safety Generic Criteria for Network Telecommunications Equipment (GR-1089-CORE). GTE also reserves the right to remove and/or refuse use of US Dial Tone facilities or equipment which does not meet or comply with: (a) fire and safety codes; (b) the same specific risk/safety/hazard standards which GTE imposes on its own wire center and access tandem equipment; (c) GTE practices for AC/DC bonding and grounding requirements; and/or (d) the industry standard requirements shown in the following publications:

- (a) TR-NWT-000499
- (b) TR-NWT-000063
- (c) TR-TSY-000191
- (d) TR-TSY-000107

More detailed specifications information will be provided to US Dial Tone in the CSP.

- 4.3.4. Cable. US Dial Tone is required to provide proper cabling, based on circuit type (VF, DS0, xDSL, DS1, DS3, etc.) to ensure adequate shielding. GTE cable standards (which are set forth in the CSP) are required to reduce the possibility of interference. US Dial Tone is responsible for providing fire retardant riser cable that meets GTE standards. GTE is responsible for placing US Dial Tone's fire retardant riser cable from the cable vault to the collocation space. GTE is responsible for installing US Dial Tone provided fiber optic cable in the cable space or conduit from the first manhole outside of the wire center or access tandem into the wire center or access tandem. This may be shared conduit with dedicated inner duct. Where US Dial Tone is providing underground fiber optic cable in the first manhole outside of the wire center or access tandem, it must be of sufficient length as specified by GTE to be pulled through the wire center or access tandem to US Dial Tone's collocation space. Due to physical and technical constraints, removal of cable will be at GTE's option. GTE will make every effort to contact US Dial Tone in the event US Dial Tone's equipment disrupts the network. If GTE is unable to make contact with US Dial Tone, GTE shall temporarily disconnect US Dial Tone's service, as provided in Section 4.7. GTE will notify US Dial Tone as soon as possible after any disconnects of US Dial Tone's equipment.
- 4.3.5. Manhole/Splicing Restrictions. GTE reserves the right to prohibit all equipment and facilities, other than fiber optic cable, in its manholes. US Dial Tone will not be permitted to splice fiber optic cable in the first manhole outside of the wire center or access tandem. Where US Dial Tone is providing underground fiber optic cable in Manhole #1, it must be of sufficient length as specified by GTE to be pulled through the wire center or access tandem to US Dial Tone's collocation space. GTE is responsible for installing a cable splice, if necessary, where US Dial Tone provided fiber optic cable meets GTE standards within the wire center or access tandem cable vault or designated splicing chamber. GTE will provide space and racking for the placement of an approved secured fire retardant splice enclosure.
- 4.3.6. Access Points and Restrictions. The interconnection point for caged and cageless collocation is the point where US Dial Tone-owned cable facilities connect to GTE termination equipment. The demarcation point for US Dial Tone is US Dial Tone's terminal equipment or interconnect/cross connect panel within US Dial Tone's cage, bay/frame or cabinet. US Dial Tone must tag all entrance facilities to indicate ownership. US Dial Tone will not be allowed access to GTE's DSX line-ups, MDF or any other GTE facility termination points. The DSX and MDF are to be considered GTE demarcation points only. Only GTE employees, agents or contractors will be allowed access to the MDF or DSX to terminate facilities, test

condition upon completion of the installation work. US Dial Tone may also utilize a staging trailer, which can be located on the exterior premises of GTE's wire center or access tandem. GTE may assess US Dial Tone a market value lease rate for the area occupied by the trailer.

4.3.8. Testing. Upon installation of US Dial Tone's equipment, and with prior notice, GTE will schedule time to work with US Dial Tone during the turn-up phase of the equipment to ensure proper functionality between US Dial Tone's equipment and the connections to GTE equipment. The time period for this to occur will correspond to GTE's maintenance window installation requirements. It is solely the responsibility of US Dial Tone to provide their own monitor and test points, if required, for connection directly to their terminal equipment.

4.3.9. Collocator to Collocator Interconnect Arrangements. GTE shall provide, upon US Dial Tone's request, a Collocator to Collocator Interconnect arrangement between US Dial Tone's equipment and the equipment of other collocated CLECs. When initiating a Collocator to Collocator Interconnect request, US Dial Tone must submit an Application Form, ASR, and a Minor Augment fee. GTE will be responsible for engineering and installing the overhead superstructure for the Collocator to Collocator Interconnect arrangement, if required, and determining the appropriate cable route. US Dial Tone has the option of providing all cables and connectors and the option of pulling the cables for the Collocator to Collocator Interconnect arrangement. If GTE provides the cables and connectors and/or pulls the cable, the applicable cable and labor rates will be applied.

4.4 Access to Collocation Space.

GTE will permit US Dial Tone's employees, agents, and contractors approved by GTE to have direct access to US Dial Tone's caged or cageless collocated equipment twenty-four (24) hours a day, seven (7) days a week. US Dial Tone's employees, agents, or contractors must comply with the policies and practices of GTE pertaining to fire, safety, and security as described in GTE's Security Procedures and Requirements Guidelines, which are attached to the CSP. GTE reserves the right, with 24 hours prior notice to US Dial Tone, to access US Dial Tone's collocated partitioned space to perform periodic inspections to ensure compliance with GTE installation, safety and security practices. Where US Dial Tone shares a common entrance to the wire center or access tandem with GTE, the reasonable use of shared building facilities, e.g., elevators, unrestricted corridors, etc., will be permitted. However, access to such facilities may be restricted by security requirements for good cause shown, and a GTE employee may accompany US Dial Tone's personnel.

4.5 Network Outage, Damage and Reporting.

US Dial Tone shall be responsible for: (a) any damage or network outage occurring as a

4.6 Security Requirements.

- 4.6.1 Background Tests; Training. All employees, agents and contractors of US Dial Tone must meet certain minimum requirements as established in GTE's CSP. At the time US Dial Tone places the collocation ASR for caged or cageless collocation, or as soon as reasonably practicable thereafter, US Dial Tone must submit to GTE's Security Department for prior approval the background investigation certification form included in the CSP for all employees, agents and contractors that will require access to GTE wire centers and/or access tandems. US Dial Tone agrees that its employees/vendors with access to GTE wire center(s) or access tandem(s) shall at all times adhere to the rules of conduct established by GTE for the wire center or access tandem and GTE's personnel and vendors. GTE reserves the right to make changes to such procedures and rules to preserve the integrity and operation of GTE's network or facilities or to comply with applicable laws and regulations. GTE will provide US Dial Tone with written notice of such changes. Where applicable, GTE will provide information to US Dial Tone on the specific type of security training required so US Dial Tone's employees can complete such training.
- 4.6.2 Security Standards. GTE will be solely responsible for determining the appropriate level of security in each wire center or access tandem. GTE reserves the right to deny access to GTE buildings for any US Dial Tone employee, agent or contractor who cannot meet GTE's established security standards. Employees, agents or contractors of US Dial Tone are required to meet the same security requirements and adhere to the same work rules that GTE's employees and contractors are required to follow. GTE also reserves the right: (a) to deny access to GTE buildings for US Dial Tone's employee, agent and contractor for falsification of records, violation of fire, safety or security practices and policies or other just cause; and (b) to provide a GTE employee, agent or contractor to accompany and observe US Dial Tone at no cost to US Dial Tone. GTE may use reasonable security measures to protect its equipment, including enclosing its equipment in its own cage or other separation, utilizing monitored card reader systems, digital security cameras, badges with computerized tracking systems, identification swipe cards, keyed access and/or logs, as deemed appropriate by GTE.
- 4.6.3 Access Cards/Identification. Access cards or keys will be provided to no more than six (6) individuals for US Dial Tone for each GTE wire center or access tandem. All US Dial Tone employees, agents and contractors requesting access to the wire center or access tandem are required to have a photo identification card, which identifies the person by name and the name of US Dial Tone. The ID must be worn on the individual's exterior clothing while on GTE premises. GTE will provide US Dial Tone with instructions and necessary access cards or keys to obtain access to GTE buildings. US Dial Tone is required to immediately notify GTE by the most expeditious means, when any US Dial Tone's employee, agent

4.7 Emergency Access.

US Dial Tone is responsible for providing a contact number that is readily accessible 24 hours a day, 7 days a week. US Dial Tone will provide access to its collocation space at all times to allow GTE to react to emergencies, to maintain the building operating systems (where applicable and necessary) and to ensure compliance with OSHA/GTE regulations and standards related to fire, safety, health and environment safeguards. GTE will attempt to notify US Dial Tone in advance of any such emergency access. If advance notification is not possible GTE will provide notification of any such entry to US Dial Tone as soon as possible following the entry, indicating the reasons for the entry and any actions taken which might impact US Dial Tone's facilities or equipment and its ability to provide service. GTE will restrict access to US Dial Tone's collocation space to persons necessary to handle such an emergency. The emergency provisioning and restoration of interconnection service shall be in accordance with Part 64, Subpart D, Paragraph 64.401, of the FCC's Rules and Regulations, which specifies the priority for such activities. GTE reserves the right, without prior notice, to access US Dial Tone's collocation space in an emergency, such as fire or other unsafe conditions, or for purposes of averting any threat of harm imposed by US Dial Tone or US Dial Tone's equipment upon the operation of GTE's equipment, facilities and/or employees located outside US Dial Tone's collocation space. GTE will notify US Dial Tone as soon as possible when such an event has occurred. In case of a GTE work stoppage, US Dial Tone's employees, contractors or agents will comply with the emergency operation procedures established by GTE. Such emergency procedures should not directly affect US Dial Tone's access to its premises, or ability to provide service. US Dial Tone will notify GTE point of contact of any work stoppages by US Dial Tone employees.

5. Space Requirements.

5.1 Space Availability.

GTE shall permit US Dial Tone to secure collocation space on a the first-come, first-serve priority basis upon GTE's receipt of fifty percent (50%) of the applicable NRCs described in Section 4.1. If GTE is unable to accommodate caged and cageless collocation requests at a wire center or access tandem due to space limitations or other technical reasons, GTE will post a list of all such sites on its Website and will update the list within ten (10) business days of any known changes. This information will be listed at the following public Internet URL:

<http://www.gte.com/Regulatory>

Where GTE is unable to accommodate caged and cageless collocation requests at a wire center or access tandem due to space limitations or other technical reasons, GTE shall: (a) submit to the state commission, subject to any protective order as the state may deem necessary, detailed floor plans or diagrams of the wire center or access tandem; and (b) allow US Dial Tone to tour the entire premises of the wire center or access tandem. without

tandem which does not require the addition of AC/DC power, heat and air conditioning, battery and/or generator back-up power and other requirements necessary for provisioning collocation services. Additional space to provide for caged, cageless and/or adjacent collocation will be provided on a per request basis, where available. Additional space can be requested by US Dial Tone by completing and submitting a new application form and the applicable non-refundable engineering fee set forth in Appendix G described in Section 6.1. GTE will not be required to lease additional space when available space has been exhausted.

5.3 Use of Space.

GTE and US Dial Tone will work cooperatively to determine proper space requirements, and efficient use of space. In addition to other applicable requirements set forth in this Agreement, US Dial Tone shall install all its equipment within its designated area in contiguous line-ups in order to optimize the utilization of space within GTE's premises. US Dial Tone shall use the collocation space solely for the purposes of installing, maintaining and operating US Dial Tone's equipment to interconnect for the exchange of traffic with GTE and/or for purposes of accessing unbundled network elements and for no other purposes. US Dial Tone shall not construct improvements or make alterations or repairs to the collocation space without the prior written approval of GTE. The collocation space may not be used for administrative purposes and may not be used as US Dial Tone's employee(s) work location, office or retail space, or storage. The collocation space shall not be used as US Dial Tone's mailing or shipping address.

5.4 Reservation of Space.

GTE reserves the right to manage its own wire center and access tandem conduit requirements and to reserve vacant space for planned facility. GTE will retain and reserve a limited amount of vacant floor space within its wire centers and access tandems for its own specific future uses on terms no more favorable than applicable to other CLECs seeking to reserve collocation space for their own future use. If the remaining vacant floor space within a wire center or access tandem is reserved for GTE's own specific future use, the wire center or access tandem will be exempt from future caged and cageless collocation requests. US Dial Tone shall not be permitted to reserve wire center or access tandem cable space or conduit system. If new conduit is required, GTE will negotiate with US Dial Tone to determine an alternative arrangement for the specific location. US Dial Tone will be allowed to reserve collocation space for its caged/cageless arrangements based on US Dial Tones documented forecast provided GTE and subject to space availability. Such forecast must demonstrate a legitimate need to reserve the space for use on terms no more favorable than applicable to GTE seeking to reserve vacant space for its own specific use. Cageless collocation bays may not be used solely for the purpose of storing US Dial Tone equipment.

5.5 Collocation Space Report.

- (d) Measures being taken, if any, to make additional collocation spaces available.

The collocation space report is not required prior to the submission of a collocation application for a specific wire center or access tandem in order to determine collocation space availability for the wire center or access tandem. The collocation space report will be provided to US Dial Tone within ten (10) business days of the request provided the request is submitted during the ordinary course of business. A collocation space report fee contained in Appendix G will be assessed per request and per wire center or access tandem.

5.6 Reclamation.

When initiating an application form, US Dial Tone must have started installing equipment approved for collocation at GTE wire center or access tandem within a reasonable period of time, not to exceed six (6) months from the date US Dial Tone accepts the collocation arrangement. If US Dial Tone does not utilize its collocation space within the established time period, and has not met the space reservation requirements of Section 5.4, GTE may reclaim the unused collocation space to accommodate another CLEC's request or GTE's future space requirements. GTE shall have the right, for good cause shown, and upon six (6) months' notice, to reclaim any collocation space, cable space or conduit space in order to fulfill its obligation under public service law and its tariffs to provide telecommunication services to its end users. In such cases, GTE will reimburse US Dial Tone for reasonable direct costs and expenses in connection with such reclamation. GTE will make every reasonable effort to find other alternatives before attempting to reclaim any such space.

6. Pricing.

6.1 Rate Sheet.

Except as otherwise described herein, the rates for GTE's collocation services provided pursuant to this Agreement are set forth in Appendix G attached hereto. The rates identified in this attachment may be superseded by rates contained in future final, binding and non-appealable regulatory orders or as otherwise required by legal requirements (the "final rates"). In particular, GTE may elect to file a state tariff which shall contain final rates that supersede the rates in said attachment. To the extent that the final rates, or the terms and conditions for application of the final rates, are different than the rates in Appendix G, the final rates will be applied retroactively to the effective date of this Agreement. The Parties will true up any resulting over or under billing.

6.2 Billing and Payment.

The initial payment of NRCs shall be due and payable in accordance with Section 4.1. The balance of the NRCs and all related monthly recurring service charges will be billed to US Dial Tone when GTE provides US Dial Tone access to the caged, cageless or adjacent collocation arrangement and shall be payable in accordance with applicable established

arrangements, the site preparation charge shall be applied on a per bay basis. Site preparation rates are specified in Appendix G.

7. Indemnification.

In addition to their other respective indemnification and liability obligations hereunder, the Parties shall meet the following obligations. To the extent that this provision conflicts with any other provision in this Agreement, this provision shall control.

7.1 US Dial Tone shall defend, indemnify and save harmless GTE, its directors, officers, employees, servants, agents, affiliates and parent from and against any and all suits, claims, demands, losses, claims, and causes of action and costs, including reasonable attorneys' fees, whether suffered, made, instituted or asserted by US Dial Tone or by any other party, which are caused by, arise out of or are in any way related to: (i) the installation, maintenance, repair, replacement, presence, engineering, use or removal of US Dial Tone's equipment or by the proximity of such equipment to the equipment of other parties occupying space in GTE's wire center(s) or access tandem(s), including, without limitation, damages to property and injury or death to persons, including payments made under Workers' Compensation Law or under any plan for employees' disability and death benefits; (ii) US Dial Tone's failure to comply with any of the terms of this Agreement; or (iii) any act or omission of US Dial Tone, its employees, agents, affiliates, former or striking employees or contractors. The obligations of this Section shall survive the termination, cancellation, modification or rescission of this Agreement, without limit as to time.

7.2 Subject to any limitations of liability set forth in this Agreement, GTE shall be liable to US Dial Tone only for and to the extent of any damage directly and primarily caused by the negligence of GTE's agents or employees to US Dial Tone designated facilities or equipment occupying GTE's wire center or access tandem. GTE shall not be liable to US Dial Tone or its customers for any interruption of US Dial Tone's service or for interference with the operation of US Dial Tone's designated facilities arising in any manner out of US Dial Tone's presence in GTE's wire center(s) or access tandem(s), unless such interruption or interference is caused by GTE's willful misconduct. In no event shall GTE or any of its directors, officers, employees, servants, agents, affiliates and parent be liable for any loss of profit or revenue by US Dial Tone or for any loss of AC or DC power, HVAC interruptions, consequential, incidental, special, punitive or exemplary damages incurred or suffered by US Dial Tone, even if GTE has been advised of the possibility of such loss or damage.

8. Insurance.

8.1 Coverage Limits. US Dial Tone shall, at its sole cost and expense, obtain, maintain, pay for and keep in force the following minimum insurance, underwritten by an insurance company(s) having a Best's insurance rating of at least A-, financial size category VII.

Tone may also elect to purchase business interruption and contingent business interruption insurance, knowing that GTE has no liability for loss of profit or revenues should an interruption of service occur.

- (d) Statutory Workers Compensation coverage.
- (e) Employers Liability coverage in an amount of \$500,000 each accident.
- (f) Commercial Automobile Liability coverage insuring all owned, hired and non-owned automobiles.

Notwithstanding anything herein to the contrary, the coverage requirements described in (c)-(f) above shall only be required if US Dial Tone orders collocation services pursuant to this Article IX. The minimum amounts of insurance required in this section, may be satisfied by US Dial Tone purchasing primary coverage in the amounts specified or by US Dial Tone buying a separate umbrella and/or excess policy together with lower limit primary underlying coverage. The structure of the coverage is at US Dial Tone's option, so long as the total amount of insurance meets GTE's minimum requirements.

- 8.3 Deductibles. Any deductibles, self-insured retentions (SIR), loss limits, retentions, etc. (collectively, "retentions") must be disclosed on a certificate of insurance provided to GTE, and GTE reserves the right to reject any such retentions in its reasonable discretion. All retentions shall be the responsibility of the US Dial Tone.
- 8.4 Additional Insureds. GTE and its affiliates (which includes any corporation controlled by, controlling or in common control with GTE Corporation), its respective directors, officers and employees shall be named as additional insureds under all General Liability and Umbrella/Excess Liability Policies obtained by US Dial Tone. Said endorsement shall provide that such additional insurance is primary insurance and shall not contribute with any insurance or self-insurance that GTE has secured to protect itself. All of the insurance afforded by the US Dial Tone shall be primary in all respects, including US Dial Tone's Umbrella/Excess Liability insurance. GTE's insurance coverage shall be excess over any indemnification and insurance afforded by US Dial Tone and required hereby.
- 8.5 Waiver of Subrogation Rights. US Dial Tone waives and will require all of its insurers to waive all rights of subrogation against GTE (including GTE Corporation and any other affiliated and/or managed entity), its directors, officers and employees, agents or assigns, whether in contract, tort (including negligence and strict liability) or otherwise.
- 8.6 Evidence of Insurance. All insurance must be in effect on or before GTE authorizes access by US Dial Tone employees or placement of US Dial Tone equipment or facilities within GTE premises and such insurance shall remain in force as long as US Dial Tone's facilities remain within any space governed by this Agreement. If US Dial Tone fails to

procured, and that GTE has been named as an additional insured, prior to commencement of any service. In no event shall permitting US Dial Tone access be construed as a waiver of the right of GTE to assert a claim against US Dial Tone for breach of the obligations established in this section.

- 8.7 Compliance Requirements. US Dial Tone shall require its contractors to comply with each of the provisions of this insurance section. This includes, but is not limited to, maintaining the minimum insurance coverages and limits, naming GTE (including GTE Corporation and any other affiliated and/or managed entity) as an additional insured under all liability insurance policies, and waiving all rights of subrogation against GTE (including GTE Corporation and any other affiliated and/or managed entity), its directors, officers and employees, agents or assigns, whether in contract, tort (including negligence and strict liability) or otherwise. Prior to commencement of any work, US Dial Tone shall require and maintain certificates of insurance from each contractor evidencing the required coverages. At GTE's request, US Dial Tone shall supply to GTE copies of such certificates of insurance or require the contractors to provide insurance provisions or endorsements as evidence that the required insurance has been procured. US Dial Tone must also conform to the recommendation(s) made by GTE's fire insurance company, which GTE has already agreed to or shall hereafter agree to.

9. Confidentiality.

In addition to its other confidentiality obligations hereunder, US Dial Tone shall not use or disclose and shall hold in confidence all information of a competitive nature provided to US Dial Tone by GTE in connection with collocation or known to US Dial Tone as a result of US Dial Tone's access to GTE's wire center(s) or access tandem(s) or as a result of the interconnection of US Dial Tone's equipment to GTE's facilities. Similarly, GTE shall not use or disclose and shall hold in confidence all information of a competitive nature provided to it by US Dial Tone in connection with collocation or known to GTE as a result of the interconnection of US Dial Tone's equipment to GTE's facilities. Such information is to be considered proprietary and shared within GTE and US Dial Tone on a need to know basis only. Neither GTE nor US Dial Tone shall be obligated to hold in confidence information that:

- (a) Was already known to US Dial Tone free of any obligation to keep such information confidential;
- (b) Was or becomes publicly available by other than unauthorized disclosure; or
- (c) Was rightfully obtained from a third party not obligated to hold such information in confidence.

To the extent that this provision conflicts with any other provision in this Agreement, this provision shall control.

the date specified in such notice, the term of the collocation arrangement shall expire as fully and completely as if such date were the date set forth above for the termination of this Agreement. US Dial Tone shall forthwith quit, surrender and vacate the premises without prejudice. Unless GTE shall serve a termination notice as provided for herein, GTE shall make the repairs and restorations with all reasonable expedition subject to delays due to adjustment of insurance claims, labor troubles and causes beyond GTE's reasonable control. After any such casualty, US Dial Tone shall cooperate with GTE's restoration by removing from the collocation space, as promptly as reasonably possible, all of US Dial Tone's salvageable inventory and movable equipment, furniture and other property. GTE will work cooperatively with US Dial Tone to minimize any disruption to service, resulting from any damage. GTE shall provide written notification to US Dial Tone detailing its plans to rebuild and will restore service as soon as practicable. In the event of termination, GTE's rights and remedies against US Dial Tone in effect prior to such termination, and any fees owing, shall be paid up to such date. Any payments of fees made by US Dial Tone which were because any period after such date shall be returned to US Dial Tone.

11. Termination of Service.

11.1 Grounds for Termination. GTE's obligation to provide collocation is contingent upon US Dial Tone's compliance with the terms and conditions of this Article IX and other applicable requirements of this Agreement, including, without limitation, GTE's receipt of all applicable fees, rates, charges, application forms and required permits. Failure of US Dial Tone to make payments when due may result in termination of service. In addition to the other grounds for termination of collocation services set forth herein, GTE also reserves the right to terminate such services upon thirty (30) days notice in the event US Dial Tone: (a) is not in conformance with GTE standards and requirements; and/or (b) imposes continued disruption and threat of harm to GTE employees and/or network, or GTE's ability to provide service to other CLECs.

11.2 Effects of Termination. Upon the termination of collocation service, US Dial Tone shall disconnect and remove its equipment from the designated collocation space. GTE reserves the right to remove US Dial Tone's equipment if US Dial Tone fails to remove and dispose of the equipment within the thirty (30) days of discontinuance. US Dial Tone will be charged the appropriate additional labor charge in Appendix G for the removal of such equipment. Upon removal by US Dial Tone of all its equipment from the collocation space, US Dial Tone will reimburse GTE for the cost to restore the collocation space to its original condition at time of occupancy. The cost will be applied based on the additional labor charges rate set forth in Appendix G. Upon termination of collocation services, US Dial Tone relinquishes all rights, title and ownership of cable to GTE.

12. Miscellaneous.

GTE retains ownership of wire center or access tandem floor space, adjacent land and equipment used to provide all forms of collocation. GTE reserves for itself and its successors and assignees, the right to utilize the wire center(s) or access tandem(s) space in such a manner as will best

ARTICLE X

ACCESS TO POLES, DUCTS, CONDUITS AND RIGHTS-OF-WAY

To the extent required by the Act, GTE and US Dial Tone shall each afford to the other access to the poles, ducts, conduits and ROWs it owns or controls on terms, conditions and prices comparable to those offered to any other entity pursuant to each Party's tariffs and/or standard agreements. Accordingly, if GTE and US Dial Tone desire access to the other Party's poles, ducts, or ROWs, GTE and US Dial Tone shall execute pole attachment and conduit occupancy agreements. US Dial Tone agrees that pole attachment and conduit occupancy agreements must be executed separately before it makes any attachments to GTE facilities or uses GTE's conduit according to the terms of this Agreement. Unauthorized attachments or unauthorized use of conduit will be a breach of this agreement.

ARTICLE XI
SIGNATURE PAGE

IN WITNESS WHEREOF, each Party has executed this Agreement to be effective upon approval by the Commission in accordance with Section 252 of the Act. The "effective date" of this Agreement for such purposes will be established by the Commission approval order.

GTE SOUTH INCORPORATED

U.S. DIAL TONE, L.P.

By _____

By _____

Name _____

Name _____

Title _____

Title _____

Date _____

Date _____

APPENDIX A

RATES AND CHARGES FOR
TRANSPORT AND TERMINATION OF TRAFFIC

General. The rates contained in this Appendix A are the rates as defined in Article V and are subject to change resulting from future Commission or other proceedings, including but not limited to any generic proceeding to determine GTE's unrecovered costs (e.g., historic costs, contribution, undepreciated reserve deficiency, or similar unrecovered GTE costs (including GTE's interim Universal Service Support Surcharge)), the establishment of a competitively neutral universal service system, or any appeal or other litigation.

Each Party will bill the other Party as appropriate:

- A. The Local Interconnection rate element that applies to Local Traffic on a minute of use basis that each Party switches for termination purposes at its wire centers. The local interconnection rate is **\$0.0049294**.
- B. The Tandem Switching rate element that applies to tandem routed Local Traffic on a minute of use basis. The tandem switching rate is **\$0.0010971**.
- C. The Common Transport Facility rate element that applies to tandem routed Local Traffic on a per minute/per mile basis. The Common Transport Facility rate is **\$0.0000041**.
- D. The Common Transport Termination element that applies to tandem routed Local Traffic on a per minute/per termination basis. The Common Transport Termination rate is **\$0.0000970**.
- E. The Tandem Transiting Charge is comprised of the following rate elements:

Tandem Switching:	=	\$0.0010971
Tandem Transport (10 mile average): 10 x \$0.0000041	=	\$0.0000410
Transport Termination (2 Terminations): 2 x \$0.0000970	=	\$0.0001940
Transiting Charge:	=	\$0.0013321
- F. Initial Factors:

1. PLU	95%
2. ...	50%

APPENDIX B

RATES AND CHARGES FOR NUMBER PORTABILITY

General. The rates contained in this Appendix B are as defined in Article V, Section 7, and are subject to change resulting from future Commission or other proceedings, including but not limited to any generic proceeding to determine GTE's unrecovered costs (e.g., historic costs, contribution, undepreciated reserve deficiency, or similar unrecovered GTE costs (including GTE's interim Universal Service Support Surcharge)), the establishment of a competitively neutral universal service system, or any appeal or other litigation.

Interim Number Portability

Remote Call Forwarding	\$ 3.90 line/month
Simultaneous Call Capability	\$ 2.60 path/month

Non-Recurring Charges for Interim Number Portability

Pre-ordering

CLEC Account Establishment Per CLEC	\$ 273.09
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Ordering and Provisioning

Initial Service Order	\$ 41.58
Subsequent Service Order	\$ 29.73
Manual Ordering Charge	\$ 12.17

Custom Handling

Service Order Expedite	\$ 12.59
Coordinated Conversion	\$ 17.76
Hot Coordinated Conversion First Hour	\$ 30.55
Hot Coordinated Conversion Per Additional Quarter Hour	\$ 4.88

Application of NRCs

Pre-ordering:

CLEC Account Establishment is a one-time charge applied the first time that US Dial Tone orders

Manual Ordering Charge applies to orders that require GTE to manually enter US Dial Tone's order into GTE's Secure Integrated Gateway System (SIGS), e.g. faxed orders and orders sent via physical or electronic mail.

Custom Handling (These NRCs are in addition to any Preordering or Ordering and Provisioning NRCs):

Service Order Expedite applies if US Dial Tone requests service prior to the standard due date intervals and if not a part of a UNE Expedite.

Coordinated Conversion applies if US Dial Tone requests notification and coordination of service cut-over prior to the service becoming effective and if not a part of a UNE Coordinated Conversion.

Hot Coordinated Conversion First Hour applies if US Dial Tone requests real-time coordination of a service cut-over that takes one hour or less, and if not a part of a UNE Hot Coordinated Conversion First Hour.

Hot Coordinated Conversion Per Additional Quarter Hour applies, in addition to the Hot Coordinated Conversion First Hour, for every 15-minute segment of real-time coordination of a service cut-over that takes more than one hour, and if not a part of a UNE Hot Coordinated Conversion Per Additional Quarter Hour.

In addition, as defined in Article V, Section 3.2.3, the Party providing the ported number will pay the other Party the following rate per line per month for each ported business line and the rate per line per month for each ported residential line for the sharing of Access Charges on calls to ported numbers.

Business Rate Per Line Per Month: \$ 5.18

Residential Rate Per Line Per Month: \$ 3.71

APPENDIX C

SERVICES AVAILABLE FOR RESALE

General. The rates for resold services described herein are based upon an avoided cost discount from GTE's retail rates. The avoided cost discount is subject to change resulting from future Commission or other proceedings, including but not limited to any generic proceeding to determine GTE's unrecovered costs (e.g., historic costs, contribution, undepreciated reserve deficiency, or similar unrecovered GTE costs (including GTE's interim Universal Service Support Surcharge)), the establishment of a competitively neutral universal service system, or any appeal or other litigation.

GTE assesses a separate interim universal service fund surcharge for resale of Basic Local Exchange Residential and Business Services at the avoided cost discount set forth to provide continued universal service support that is implicit in GTE's current retail services prices. This surcharge is being addressed (or will be addressed) by the Commission or a court of competent jurisdiction. The parties agree that GTE will offer for resale Basic Local Exchange Residential and Business Services without the interim surcharge, but subject to the following terms and conditions:

- A. US Dial Tone agrees that within thirty (30) days after the effective date of a Commission or court order affirming GTE's interim surcharge, US Dial Tone will (i) begin paying the monthly interim surcharge in accord with Appendix C, and (ii) make a lump sum payment to GTE of the total interim surcharges retroactive to the effective date of this Agreement.
- B. Notwithstanding any provision in this Agreement, GTE may, at its sole discretion and at any time, seek injunctive or other relief (i) requiring US Dial Tone to pay GTE's interim surcharge or (ii) requiring the Commission to immediately impose the interim surcharge.
- C. Nothing in this Agreement shall restrict or impair GTE from seeking injunctive relief or any other remedy at any time and in any court regarding GTE's interim surcharge or the Commission's rejection or modification of GTE's interim surcharge.

The avoided cost discount for all services, excluding OS/DA, is 15.95%.

Non-Recurring Charges (NRCs) for Resale Services

Pre-ordering

CLEC Account Establishment Per CLEC	\$ 273.09
Customer Record Search Per Account	\$ 11.69

Ordering and Provisioning

Central Office Connect	\$ 12.21
Outside Facility Connect	\$ 68.30
Manual Ordering Charge	\$ 12.17

Product Specific:

NRCs, other than those for Pre-ordering, Ordering and Provisioning, and Custom Handling as listed in this Appendix, will be charged from the appropriate retail tariff. No discount applies to such NRCs.

Custom Handling:

Service Order Expedite:	
Engineered	\$ 35.48
Non-Engineered	\$ 12.59
Coordinated Conversions:	
ISO	\$ 17.76
Central Office Connection	\$ 10.71
Outside Facility Connection	\$ 9.59
Hot Coordinated Conversion First Hour:	
ISO	\$ 30.55
Central Office Connection	\$ 42.83
Outside Facility Connection	\$ 38.34
Hot Coordinated Conversion per Additional Quarter Hour:	
ISO	\$ 4.88
Central Office Connection	\$ 9.43
Outside Facility Connection	\$ 8.37

Application of NRCs

Pre-ordering:

CLEC Account Establishment is a one-time charge applied the first time that US Dial Tone orders any service from this Agreement.

Customer Record Search applies when US Dial Tone requests a summary of the services currently subscribed to by the end-user.

Initial Service Order - As Specified (Engineered or Non-Engineered) applies only to Complex Services for services migrating from GTE to US Dial Tone. Complex Services are services that require a data gathering form or has special instructions.

Non-Engineered Initial Service Order - Changeover applies only to Basic Services for services migrating from GTE to US Dial Tone. End-user service may remain the same or change.

Central Office Connect applies in addition to the ISO when physical installation is required at the central office.

Outside Facility Connect applies in addition to the ISO when incremental field work is required.

Manual Ordering Charge applies to orders that require GTE to manually enter US Dial Tone's order into GTE's Secure Integrated Gateway System (SIGS), e.g. faxed orders and orders sent via physical or electronic mail.

Custom Handling (These NRCs are in addition to any Preordering or Ordering and Provisioning NRCs):

Service Order Expedite (Engineered or Non-Engineered) applies if US Dial Tone requests service prior to the standard due date intervals.

Coordinated Conversion applies if US Dial Tone requests notification and coordination of service cut over prior to the service becoming effective.

Hot Coordinated Conversion First Hour applies if US Dial Tone requests real-time coordination of a service cut-over that takes one hour or less.

Hot Coordinated Conversion Per Additional Quarter Hour applies, in addition to the Hot Coordinated Conversion First Hour, for every 15-minute segment of real-time coordination of a service cut-over that takes more than one hour.

Universal Service Support Surcharge

Residential (per line)	\$ 4.88
Business (per line)	\$ 3.52

APPENDIX D

PRICES FOR UNBUNDLED NETWORK ELEMENTS

General. The rates contained in this Appendix D are the rates as defined in Article VII and are subject to change resulting from future Commission or other proceedings, including but not limited to any generic proceeding to determine GTE's unrecovered costs (e.g., historic costs, contribution, undepreciated reserve deficiency, or similar unrecovered GTE costs (including GTE's interim Service Support Surcharge)), the establishment of a competitively neutral universal service system, or any appeal or other litigation. GTE will offer unbundled loops and ports under the following conditions:

GTE assesses a separate interim universal service fund surcharge for loops and ports to provide continued universal service support that is implicit in GTE's current retail services prices; and to respect the careful distinctions Congress has drawn between access to UNEs, on the one hand, and the purchase at wholesale rates of GTE services on the other. This surcharge is being addressed (or will be addressed) by the Commission or a court of competent jurisdiction. The parties agree that GTE will offer the port and loop UNEs at the rates set forth below in Appendix D without the interim surcharge, but subject to the following terms and conditions:

- A. US Dial Tone agrees that within thirty (30) days after the effective date of a Commission or court order affirming GTE's interim surcharge, US Dial Tone will (i) begin paying the monthly interim surcharge in accord with Appendix D, and (ii) make a lump sum payment to GTE of the total interim surcharges retroactive to the effective date of this Agreement.
- B. Notwithstanding any provision in this Agreement, GTE may, at its sole discretion and at any time, seek injunctive or other relief (i) requiring US Dial Tone to pay GTE's interim surcharge or (ii) requiring the Commission to immediately impose the interim surcharge.
- C. Nothing in this Agreement shall restrict or impair GTE from seeking injunctive relief or any other remedy at any time and in any court regarding GTE's interim surcharge or the Commission's rejection or modification of GTE's interim surcharge.

Loop Elements

2 Wire Analog Loop (inclusive of NID)	\$ 30.00
4 Wire Analog Loop (inclusive of NID)	\$ 48.00
2 Wire Digital Loop (inclusive of NID)	\$ 30.00
4 Wire Digital Loop (inclusive of NID)	\$ 48.00
DS-1 Loop	\$ 160.31
DS-3 Loop	\$2,584.44

Port and Switching Elements

Ports

Basic Analog Line Side Port	\$ 5.10
Coin Line Side Port	\$ 10.19
ISDN BRI Digital Line Side Port	\$ 22.39
DS-1 Digital Trunk Side Port	\$ 76.40
ISDN PRI Digital Trunk Side Port	\$ 227.19

Vertical Features

See Attached List

Usage Charges (must purchase Port)

Local Central Office Switching	\$0.0049294
Shared Transport	
Transport Termination	\$0.0000970
Transport Facility per mile	\$0.0000041
Tandem Switching	\$0.0010971

Transport Elements

CLEC Dedicated Transport

CDT 2 Wire	\$ 26.81
CDT 4 Wire	\$ 42.90
CDT DS1	\$ 330.00
CDT DS3 (Optical Interface)	\$1,125.00

Interoffice Dedicated Transport

IDT DS0 Transport Facility per ALM	\$ 4.84
IDT DS0 Transport Termination	\$ 15.08
IDT DS1 Transport Facility per ALM	\$ 14.32
IDT DS1 Transport Termination	\$ 40.00
IDT DS3 Transport Facility per ALM	\$ 60.00
IDT DS3 Transport Termination	\$ 300.00

Multiplexing

DS1 to Voice Multiplexing	\$ 190.00
DS3 to DS1 Multiplexing	\$ 370.62

Ancillary

DS3 Electrical Interface	\$1,297.18
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Conditioning

DS1 Clear Channel Capability	\$ 23.22
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Line Information Database (ABS-Queries)	See GTOC1 Tariff
Toll Free Calling Database (DB800 Queries)	See GTOC1 Tariff

Universal Service Support Surcharge

Per Loop	TBD
Per Port	TBD

Non-Recurring Charges for Unbundled Services

Pre-ordering

CLEC Account Establishment Per CLEC	\$ 273.09
Customer Record Search	\$ 11.69

Ordering and Provisioning

Loop:

Engineered Initial Service Order (ISO)	\$ 294.07
Non-Engineered ISO	\$ 49.31
Central Office Connection	\$ 12.21
Outside Facility Connection	\$ 68.30
Type C Conditioning	\$ 76.72
Type C Improved Conditioning	\$ 248.98
Type DA Conditioning	\$ 101.43

NID:

ISO	\$ 33.38
Outside Facility Connection	\$ 42.69

Port:

ISO	\$ 50.46
Subsequent Service Order	\$ 25.67
Central Office Connection	\$ 12.21

Transport:

ISO	\$ 69.92
Subsequent Service Order	\$ 68.84
Design Charge	\$ 14.99
CDT 2 Wire Connection	\$ 157.92
CDT 4 Wire Connection	\$ 157.92
CDT 8 Wire Connection	\$ 300.00

Custom Handling

Service Order Expedite:

Engineered Loop LSRs	\$ 35.48
All Other LSRs	\$ 12.59

Coordinated Conversions:

ISO	\$ 17.76
Central Office Connection	\$ 10.71
Outside Facility Connection	\$ 9.59

Hot Coordinated Conversion First Hour:

ISO	\$ 30.55
Central Office Connection	\$ 42.83
Outside Facility Connection	\$ 38.34

Hot Coordinated Conversion per Additional Quarter Hour:

ISO	\$ 6.40
Central Office Connection	\$ 10.71
Outside Facility Connection	\$ 9.59

Application of NRCs

Preordering:

CLEC Account Establishment is a one-time charge applied the first time that US Dial Tone orders any service from this Agreement.

Customer Record Search applies when US Dial Tone requests a summary of the services currently subscribed to by the end-user.

Ordering and Provisioning:

Initial Service Order (ISO) applies per Local Service Request (LSR).

Subsequent Service Order applies per LSR or Access Service Record (ASR) for modifications to an existing Port or Transport service.

Design Change applies per ASR when an engineering review is required for a Transport ASR.

CDT Connection applies in addition to the ISO, per facility for the installation of CDT products.

Multiplexing applies in addition to the ISO, per arrangement for the installation of Multiplexing arrangements.

Conditioning applies in addition to the ISO, per Loop or Transport Facility for the installation and grooming of Conditioning requests.

DS1 Clear Channel Capability applies in addition to the ISO, per DS1 for the installation and grooming of DS1 Clear Channel Capability requests.

Manual Ordering Charge applies to orders that requires GTE to manually enter US Dial Tone's order into GTE's Secure Integrated Gateway System (SIGS), e.g. faxed orders and orders sent via physical or electronic mail.

Custom Handling (These NRCs are in addition to any Preordering or Ordering and Provisioning NRCs):

Service Order Expedite applies if US Dial Tone requests service prior to the standard due date intervals.

Coordinated Conversion applies if US Dial Tone requests notification and coordination of service cut-over prior to the service becoming effective.

Hot Coordinated Conversion First Hour applies if US Dial Tone requests real-time coordination of a service cut-over that takes one hour or less.

Hot Coordinated Conversion Per Additional Quarter Hour applies, in addition to the Hot Coordinated Conversion First Hour, for every 15-minute segment of real-time coordination of a service cut-over that takes more than one hour.

KENTUCKY UNBUNDLED VERTICAL FEATURES

VERTICAL FEATURES		(Subject to Availability)
Three Way Calling	\$/Feature/Month	\$1.13
Call Forwarding Variable	\$/Feature/Month	\$1.23
Cust. Changeable Speed Calling 1-Digit	\$/Feature/Month	\$0.90
Cust. Changeable Speed Calling 2-Digit	\$/Feature/Month	\$0.92
Call Waiting	\$/Feature/Month	\$0.73
Cancel Call Waiting	\$/Feature/Month	\$0.25
Automatic Callback	\$/Feature/Month	\$0.41
Automatic Recall	\$/Feature/Month	\$0.32
Calling Number Delivery	\$/Feature/Month	\$4.01
Calling Number Delivery Blocking	\$/Feature/Month	\$0.62
Distinctive Ringing / Call Waiting	\$/Feature/Month	\$1.96
Customer Originated Trace	\$/Feature/Month	\$0.47
Selective Call Rejection	\$/Feature/Month	\$2.53
Selective Call Forwarding	\$/Feature/Month	\$2.94
Selective Call Acceptance	\$/Feature/Month	\$7.43
Call Forwarding Variable CTX	\$/Feature/Month	\$0.92
Call Forwarding Incoming Only	\$/Feature/Month	\$0.26
Call Forwarding Within Group Only	\$/Feature/Month	\$0.25
Call Forwarding Busy Line	\$/Feature/Month	\$0.26
Call Forwarding Don't Answer All Calls	\$/Feature/Month	\$0.48
Remote Call Forward	\$/Feature/Month	\$1.11
Call Waiting Originating	\$/Feature/Month	\$0.33
Call Waiting Terminating	\$/Feature/Month	\$0.71
Cancel Call Waiting CTX	\$/Feature/Month	\$0.25
Three Way Calling CTX	\$/Feature/Month	\$1.38
Call Transfer Individual All Calls	\$/Feature/Month	\$0.31
Add-on Consultation Hold Incoming Only	\$/Feature/Month	\$0.25
Speed Calling Individual 1-Digit	\$/Feature/Month	\$0.63
Speed Calling Individual 2-Digit	\$/Feature/Month	\$0.64
Direct Connect	\$/Feature/Month	\$0.42
Distinctive Alerting / Call Waiting Indicator	\$/Feature/Month	\$1.46
Call Hold	\$/Feature/Month	\$0.59
Semi-Restricted (Orig/Term)	\$/Feature/Month	\$1.85
Fully-Restricted (Orig/Term)	\$/Feature/Month	\$1.85
Toll Restricted Service	\$/Feature/Month	\$0.26
Call Pick-up	\$/Feature/Month	\$0.34

VERTICAL FEATURES		(Subject to Availability)
Station Message Detail Recording	\$/Feature/Month	\$1.61
Station Message Detail Recording to Premises	\$/Feature/Month	\$3.12
Fixed Night Service - Key	\$/Feature/Month	\$3.05
Attendant Camp-on (Non-DI Console)	\$/Feature/Month	\$1.36
Attendant Busy Line Verification	\$/Feature/Month	\$4.45
Control of Facilities	\$/Feature/Month	\$0.25
Fixed Night Service - Call Forwarding	\$/Feature/Month	\$0.32
Attendant Conference	\$/Feature/Month	\$12.88
Circular Hunting	\$/Feature/Month	\$2.95
Preferential Multiline Hunting	\$/Feature/Month	\$0.45
Uniform Call Distribution	\$/Feature/Month	\$3.42
Stop Hunt Key	\$/Feature/Month	\$0.25
Make Busy Key	\$/Feature/Month	\$0.60
Queuing	\$/Feature/Month	\$1.10
Automatic Route Selection	\$/Feature/Month	\$0.35
Facility Restriction Level	\$/Feature/Month	\$0.25
Expansive Route Warning Tone	\$/Feature/Month	\$0.25
Time-of-Day Routing Control	\$/Feature/Month	\$0.31
Foreign Exchange Facilities	\$/Feature/Month	\$13.40
Anonymous Call Rejection	\$/Feature/Month	\$5.31
Basic Business Group Sta-Sta ICM	\$/Feature/Month	\$10.23
Basic Business Group CTX	\$/Feature/Month	\$1.76
Basic Business Group DOD	\$/Feature/Month	\$0.71
Basic Business Auto ID Outward Dialing	\$/Feature/Month	\$0.25
Basic Business Group DID	\$/Feature/Month	\$0.25
Business Set Group Intercom All Calls	\$/Feature/Month	\$7.55
Dial Call Waiting	\$/Feature/Month	\$0.57
Loudspeaker Paging	\$/Feature/Month	\$12.38
Recorded Telephone Dictation	\$/Feature/Month	\$13.28
On-Hook Queuing for Outgoing Trunks	\$/Feature/Month	\$4.46
Off-Hook Queuing for Outgoing Trunks	\$/Feature/Month	\$1.54
Teen Service	\$/Feature/Month	\$0.82
Bg - Automatic Call Back	\$/Feature/Month	\$0.83
Voice/Data Protection	\$/Feature/Month	\$0.25
Authorization Codes for Afr	\$/Feature/Month	\$0.36
Account Codes for Afr	\$/Feature/Month	\$0.59
Code Restriction Diversion	\$/Feature/Month	\$0.37
Code Calling	\$/Feature/Month	\$14.60
Meet-Me Conference	\$/Feature/Month	\$5.93

VERTICAL FEATURES		(Subject to Availability)
Executive Busy Override	\$/Feature/Month	\$0.25
Last Number Redial	\$/Feature/Month	\$0.50
Direct Inward System Access	\$/Feature/Month	\$0.25
Authorization Code Immediate Dialing	\$/Feature/Month	\$0.25
Bg - Speed Calling Shared	\$/Feature/Month	\$0.25
Attendant Recall from Satellite	\$/Feature/Month	\$0.25
Bg - Speed Calling 2-Shared	\$/Feature/Month	\$0.25
Business Set - Call Pick-up	\$/Feature/Month	\$0.25
Authorization Code for Mdr	\$/Feature/Month	\$0.25
Locked Loop Operation	\$/Feature/Month	\$0.25
Attendant Position Busy	\$/Feature/Month	\$0.25
Two-Way Splitting	\$/Feature/Month	\$0.84
Call Forwarding - All (Fixed)	\$/Feature/Month	\$1.75
Business Group Call Waiting	\$/Feature/Month	\$0.25
Music on Hold	\$/Feature/Month	\$6.41
Automatic Alternate Routing	\$/Feature/Month	\$4.95
DTMF Dialing	\$/Feature/Month	\$0.25
BG DTMF Dialing	\$/Feature/Month	\$0.25
Business Set Access to Paging	\$/Feature/Month	\$3.97
Call Flip-Flop (Ctx-A)	\$/Feature/Month	\$3.52
Selective Calling Waiting (Class)	\$/Feature/Month	\$2.80
Direct Inward Dialing	\$/Feature/Month	\$11.85
Customer Dialed Account Recording	\$/Feature/Month	\$3.37
Deluxe Automatic Route Selection	\$/Feature/Month	\$0.68
MDC Attendant Console	\$/Feature/Month	\$63.74
Warm Line	\$/Feature/Month	\$0.25
Calling Name Delivery	\$/Feature/Month	\$0.25
Call Forwarding Enhancements	\$/Feature/Month	\$0.25
Caller ID Name and Number	\$/Feature/Month	\$1.16
InContact	\$/Feature/Month	\$1.68
Call Waiting ID	\$/Feature/Month	\$0.25
Att'd ID on Incoming Calls	\$/Feature/Month	\$0.46
Privacy Release	\$/Feature/Month	\$0.25
Display Calling Number	\$/Feature/Month	\$0.25
Six-Port Conference	\$/Feature/Month	\$5.61
Business Set Call Back Queuing	\$/Feature/Month	\$0.25
ISDN Code Calling - Answer	\$/Feature/Month	\$0.25

VERTICAL FEATURES		(Subject to Availability)
Att'd Speed Calling	\$/Feature/Month	\$0.25
Att'd Console Test	\$/Feature/Month	\$0.25
Att'd Delayed Operation	\$/Feature/Month	\$0.25
Att'd Lockout	\$/Feature/Month	\$0.25
Att'd Multiple Listed Directory Numbers	\$/Feature/Month	\$0.25
Att'd Secrecy	\$/Feature/Month	\$0.25
Att'd Wildcard Key	\$/Feature/Month	\$0.25
Att'd Flexible Console Alerting	\$/Feature/Month	\$0.25
Att'd VFG Trunk Group Busy on Att'd Console	\$/Feature/Month	\$0.25
Att'd Console Act/Deact of CFU/CFT	\$/Feature/Month	\$0.25
Att'd Display of Queued Calls	\$/Feature/Month	\$0.25
Att'd Interposition Transfer	\$/Feature/Month	\$0.25
Att'd Automatic Recall	\$/Feature/Month	\$0.25

APPENDIX E

RATES AND CHARGES FOR 911/E-911 ARRANGEMENTS

- I. The following services are offered by GTE for purchase by US Dial Tone for UNEs or Interconnection, where an individual item is not superseded by a tariffed offering.

	<u>NRC</u>	<u>MRC</u>
A. 9-1-1 Selective Router Map	\$125.00	N/A
<p>Provided is a color map showing a selective router's location and the GTE central offices that send their 9-1-1 call to it. The selective router and central office information will include CLLI codes and NPA/NXXs served. The map will include boundaries of each central office and show major streets and the county boundary. Permission to reproduce by US Dial Tone for its internal use is granted without further fee. Non-tariffed price.</p>		
B. 9-1-1 Selective Router Pro-Rata Fee/trunk	\$0	\$100.77
<p>This fee covers the cost of selective routing switch capacity per trunk to cover investment to handle the additional capacity without going to the 9-1-1 districts for additional funding.</p>		
C. PS ALI Software	\$790.80	
<p>A personal computer software program running on Windows 3.1™ for formatting subscriber records into NENA Version #2 format to create files for uploading to GTE's ALI Gateway. Fee includes software, warranty and 1 800 872-3356 support at no additional cost.</p>		
D. ALI Gateway Service	\$135.00	\$36.12
<p>Interface for delivery of ALI records to GTE's Data Base Management System. This provides a computer access</p>		

		<u>NRC</u>	<u>MRC</u>
F.	ALI Database	Tariff	Tariff
	This is a tariffed offering, to be found in each state's Emergency Number Service Tariff.		
G.	Selective Router Database per Record Charge	Tariff	Tariff
	Fee for each ALI record used in a GTE selective router. This is a tariffed offering, to be found in each state's Emergency Number Service Tariff.		
H.	MSAG Copy		
	Production of one copy of a 9-1-1 Customer's Master Street Address Guide, postage paid.		
	(a) Copy provided in paper format	\$238.50	\$54.00
	(b) Copy provided in flat ASCII file on a 3-1/2" diskette	\$276.00	\$36.00
II.	The following services are offered by GTE when US Dial Tone resells GTE's local exchange services, where an item is not superseded by a tariffed offering:		
A.	911 Selective Router Map		
	Provided is a color map showing a selective router's location and the GTE central offices that send their 911 call to it. The selective router and central office information will include CLLI codes and NPA/NXXs served. The map will include boundaries of each central office and show major streets and the county boundary. Permission to reproduce by US Dial Tone for its internal use is granted without further fee. Non-tariffed price.		
B.	MSAG Copy		
	Production of one copy of a 911 Customer's Master		

APPENDIX F

COMPENSATION FOR EXCHANGE OF TRAFFIC USING UNBUNDLED ELEMENTS

1. This Appendix describes the compensation terms that apply for exchanging local, intraLATA, toll and interexchange traffic when US Dial Tone uses GTE-provided unbundled ports, local switching and shared transport to provide service to US Dial Tone's end-users. Reciprocal compensation does not apply in a resale environment.
2. Compensation for US Dial Tone's Purchase of GTE's unbundled local switching.
 - 2.1 For local intra-switch calls between lines connected to GTE's switch where US Dial Tone has purchased GTE's unbundled local switching, the Parties agree to impose no call termination charges on each other. GTE's local switching charge will apply as described below where the call is:
 - 2.1.1 Originated by US Dial Tone's customer using GTE's unbundled local switching and completed to a GTE customer:
 - (a) (For use of the local switch): local switching charge the originating office will apply to US Dial Tone.
 - 2.1.2 Originated by US Dial Tone's customer using GTE's unbundled local switching and completed to the customer of a third party LEC (not affiliated with US Dial Tone) using GTE's unbundled local switching.
 - (a) (For use of the local switch): local switching charge at the originating office will apply to US Dial Tone.
 - 2.1.3 Originated by US Dial Tone's customer using GTE's unbundled local switching and completed to another US Dial Tone's customer using GTE's unbundled local switching.
 - (a) (For use of the local switch): local switching charge at the originating office will apply to US Dial Tone.
 - 2.1.4 Originated by a GTE customer and terminated to US Dial Tone's customer using GTE's unbundled local switching.
 - (a) No local switching charge will apply to US Dial Tone.
 - 2.1.5 Originated by the customer of a third-party LEC (not affiliated with US Dial Tone) using GTE's unbundled local switching and terminated to US Dial Tone's customers using GTE's unbundled local switching.

- (b) A mileage-based transport charge will apply when US Dial Tone uses GTE's transport.
- (c) Tandem Switching, if applicable.
- (d) (For call termination): Charges for local interconnection/call termination, when applicable

2.2.2 Originated from US Dial Tone's customer using GTE's unbundled local switching and completed to a third-party LEC (not affiliated with US Dial Tone) customer using GTE's unbundled local switching.

- (a) (For use of the local switch): local switching charge at the originating office.
- (b) A mileage-based transport charge will apply when US Dial Tone uses GTE's transport.
- (c) Tandem Switching, if applicable.

2.2.3 Originated from US Dial Tone's customer using GTE's unbundled local switching and completed to the interconnected network of a third-party LEC (not affiliated with US Dial Tone).

- (a) (For use of the local switch): local switching charge at the originating office.
- (b) A mileage-based transport charge will apply when US Dial Tone uses GTE's transport, and mileage shall be measured between the originating office and the IP of the Third Party's network.
- (c) Tandem Switching, if applicable.

2.2.4 Originated from US Dial Tone's customer using GTE's unbundled local switching and completed to US Dial Tone's customer using GTE's unbundled local switching.

- (a) (For use of the local switch): local switching charge at the originating office.
- (b) A mileage-based transport charge will apply when US Dial Tone uses GTE's transport.

- (b) (For call termination): US Dial Tone shall charge GTE for local interconnection/call termination, when applicable.
- 2.2.6 Originated by a customer of a third-party LEC using GTE's unbundled local switching and terminated to US Dial Tone's customer using GTE's unbundled local switching.
 - (a) (For use of the local switch): local switching charge at the terminating office.
- 2.2.7 Originated by a customer of the interconnected network of a third-party LEC and terminated to US Dial Tone's customers using GTE's unbundled local switching.
 - (a) (For use of the local switch): local switching charge at the terminating office.
- 2.3 For intraLATA toll calls where US Dial Tone has purchased GTE's unbundled local switching, charges shall apply as follows:
 - 2.3.1 Originated by US Dial Tone's customer and completed to a GTE customer:
 - (a) (For use of the local switch): local switching charge at the originating office.
 - (b) Shared transport charge between the two offices will apply when US Dial Tone uses GTE's transport.
 - (c) Tandem Switching, if applicable.
 - (d) (For call termination): End Office Switching charge at the terminating office (Switched Access Rate).
 - 2.3.2 Originated by US Dial Tone's customer and completed to the customer of a third-party LEC using GTE's unbundled local switching in a distant end office.
 - (a) (For use of the local switch): local switching charge at the originating office.
 - (b) Shared transport charge between the two offices will apply when US Dial Tone uses GTE's transport.
 - (c) Tandem Switching, if applicable.
 - 2.3.3 Originated by US Dial Tone's customer and completed to the network of a third

- (c) Tandem Switching, where applicable.
- 2.3.4 Originated by US Dial Tone's customer and completed by another of US Dial Tone's customers being served through GTE's unbundled local switching in a distant office.
 - (a) (For use of the local switch): local switching charge at the originating office.
 - (b) Shared transport charge between the two offices will apply when US Dial Tone uses GTE's transport.
 - (c) Tandem Switching, if applicable.
 - (d) (For use of the local switch): local switching charge at the terminating office.
- 2.3.5 Originated by a GTE customer and terminated to US Dial Tone's customer using GTE's unbundled local switching.
 - (a) (For use of the local switch): local switching charge at the terminating office.
 - (b) (For call termination): US Dial Tone will charge GTE local switching at the terminating office.
- 2.3.6 Originated by a customer of a third-party LEC (not affiliated with US Dial Tone) using GTE's unbundled local switching in a distant end office and terminated to US Dial Tone's customers using GTE's unbundled local switching.
 - (a) (For use of the local switch): local switching charge at the terminating office.
- 2.3.7 Originated by a customer of the network of a third-party LEC interconnected with GTE's network and terminated to US Dial Tone's customers using GTE's unbundled local switching.
 - (a) (For use of the local switch): local switching charge at the terminating office.
- 2.4 For intrastate Switched Access calls where US Dial Tone is using GTE's unbundled local switching for calls originated from or terminated to an IXC for completion:

2.4.1 For calls originated from US Dial Tone's customers to an IXC switch for completion:

- (a) (For use of the local switch): local switching charge at the terminating office.
- (b) Shared Transport;
- (c) Tandem Switching

2.5 For interstate Switched Access calls where US Dial Tone is using GTE's unbundled local switching for calls originated from or terminated to an IXC for completion:

2.5.1 For calls originated from US Dial Tone's customer to an IXC switch for completion.

- (a) (For use of the local switch): local switching charge at the originating office.
- (b) Shared Transport;
- (c) Tandem Switching

2.5.2 For calls terminating to US Dial Tone's customer from an IXC switch for completion:

- (a) (For use of the local switch): local switching charge at the terminating office.
- (b) Shared Transport;
- (c) Tandem Switching

3. Unbundled local switching will be billed on a per minute of use basis and applied to all originating and interswitch terminating traffic, including, but not limited to local, toll, operator services, directory assistance, 911/E-911, 500, 700, 800/888, 900, 950, 976, busy calls, no answer, incomplete. Where non-conversation time cannot be measured, the parties will mutually agree on the appropriate measure and charge. Where measurement of terminating local switching minutes is not available, the number of minutes billed for terminating usage will be equal to the number of originating minutes. The Parties will mutually agree on a method and procedure to periodically sample and validate or adjust the ratio of originating to terminating minutes for billing purposes.

APPENDIX G

COLLOCATION RATES

CAGED COLLOCATION RATES

Elements	Increment	NRC / MRC	Rate
<u>Non-Recurring Prices</u>			
Engineering Costs			
Engineering/Major Augment Fee	per occurrence	NRC	\$1,169.68
Minor Augment Fee	per occurrence	NRC	\$199.42
Access Card Administration (New/Replacement)	per card	NRC	\$22.88
Site Preparation Charge			
Initial 100 Square Feet	per sq ft	NRC	336.00
Incremental - Over 100 Square Feet	per sq ft	NRC	42.00
Cable Racking - Dedicated			
Engineering	per project	NRC	\$78.19
Installation and Materials - Racking	per linear foot	NRC	\$34.42
Cage Enclosure			
Cable Fencing	per sq. ft. fencing	NRC	\$8.09
Cage Gate	per gate	NRC	\$458.72
Cage Grounding Bar	per bar	NRC	\$1,420.59
DC Power Facility			
Termination	per pwr run	NRC	\$66.56
Power Cable Pull - Labor	per linear foot	NRC	\$11.09
Engineering	per project	NRC	\$78.19
Fiber Cable Pull			
Engineering Costs	per project	NRC	\$606.30
Place Innerduct	per linear foot	NRC	\$1.36
Pull Cable	per linear foot	NRC	\$0.93
Cable Fire Retardant	per occurrence	NRC	\$44.37
Fiber Cable Splice	per fiber	NRC	\$49.33
Facility Pull			
Engineering Costs	per project	NRC	\$33.82
Per Foot Pull (labor)-DSO,DS1,DS3 or Fiber	per linear foot	NRC	\$1.11
Per DSO Cable Termination (Connectorized)	per 100 pr	NRC	\$4.44
Per DS1 Cable Termination (Connectorized)	per 28 pr	NRC	\$1.11
Per DS3 (coaxial) Termination			
Per Termination (Preconnectorized)	per DS3	NRC	\$1.11

Monthly Recurring Prices

Cage Floor Space including Shared Access Area	1 sq ft	MRC	\$2.73
Cable Space (Subduct Space)			
Manhole	per project	MRC	\$4.89
Subduct	per linear foot	MRC	\$0.04
DC Power Facility and Utility			
Utility, Power Supply, Fuse Panels and Fuses	40 amps	MRC	\$612.87
Facility Termination			
DSO Cable - Material	per 100 pr.	MRC	\$3.13
DS1 Cable - Material	per 28 pr.	MRC	\$12.34
DS3 Cable - Material	per DS3	MRC	\$16.11
Cable Vault Splice			
Fiber Cable - 48 fiber			
Material	per splice	MRC	\$8.66
Space Utilization in Cable Vault	per subduct	MRC	\$0.82
Fiber Cable - 96 fiber			
Material	per splice	MRC	\$24.66
Space Utilization in Cable Vault	per subduct	MRC	\$0.82
Cable Rack - Common			
Metallic DSO Cable - Space Utilization	per linear foot	MRC	\$0.01
Metallic DS1 Cable - Space Utilization	per linear foot	MRC	\$0.01
Fiber Cable - Space Utilization	per innerduct ft.	MRC	\$0.01
BITS Timing	per port	MRC	\$9.06

CAGELESS COLLOCATION RATES

Elements	Increment	NRC / MRC	Rate
<u>Non-Recurring Prices</u>			
Engineering Costs			
Engineering Fee	per occurrence	NRC	\$1,169.68
Augment/Change Current Svc Arrangements	per occurrence	NRC	\$199.42
Access Card Administration (New/Replacement)	per card	NRC	\$22.88
Cageless Site Preparation Charge	per bay	NRC	4800.00
Cable Racking - Dedicated			
Engineering	per project	NRC	\$78.19
Installation and Materials - Racking	per linear foot	NRC	\$34.42
DC Power Facility			
Termination	per pwr run	NRC	\$66.56
Power Cable Pull - Labor	per linear foot	NRC	\$11.09
Engineering	per project	NRC	\$78.19
Fiber Cable Pull			
Engineering Costs	per project	NRC	\$606.30
Place Innerduct	per linear foot	NRC	\$1.36
Pull Cable	per linear foot	NRC	\$0.93
Cable Fire Retardant	per occurrence	NRC	\$44.37
Fiber Cable Splice	per fiber	NRC	\$49.33
Facility Pull			
Engineering Costs	per project	NRC	\$33.82
Per Foot Pull (labor)-DS0,DS1,DS3 or Fiber	per linear foot	NRC	\$1.11
Per DSO Cable Termination (Connectorized)	per 100 pr	NRC	\$4.44
Per DS1 Cable Termination (Connectorized)	per 28 pr	NRC	\$1.11
Per DS3 (coaxial) Termination			
Per Termination (Preconnectorized)	per DS3	NRC	\$1.11
Per Termination (Unconnectorized)	per DS3	NRC	\$11.09
BITS Timing			
Engineering Costs	per project	NRC	\$34.93
Material Cost and Pull Shielded Cable	per linear foot	NRC	\$1.25
<u>Monthly Recurring Prices</u>			
Relay Rack Floor Space including Shared Access Area	per linear foot	MRC	\$11.59
Cabinet Floor Space including Shared Access Area	per linear foot	MRC	\$15.68

Cable Vault Splice**Fiber Cable - 48 fiber**

Material	per splice	MRC	\$8.66
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Space Utilization in Cable Vault	per subduct	MRC	\$0.82
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Fiber Cable - 96 fiber

Material	per splice	MRC	\$24.66
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Space Utilization in Cable Vault	per subduct	MRC	\$0.82
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Cable Rack - Common

Metallic DSO Cable - Space Utilization	per linear foot	MRC	\$0.01
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Metallic DS1 Cable - Space Utilization	per linear foot	MRC	\$0.01
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Fiber Cable - Space Utilization	per innerduct ft.	MRC	\$0.01
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BITS Timing

	per port	MRC	\$9.06
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ADJACENT COLLOCATION RATES

Elements	Increment	NRC / MRC	Rate
<u>Non-Recurring Prices</u>			
Engineering Fee	per occurrence	NRC	\$958.00
Fiber Cable Pull			
Engineering Costs	per project	NRC	\$606.30
Place Innerduct	per linear foot	NRC	\$1.36
Pull Cable	per linear foot	NRC	\$0.93
Cable Fire Retardant	per occurrence	NRC	\$44.37
Metallic Cable Pull			
Engineering Costs	per project	NRC	\$606.30
Pull Cable	per linear foot	NRC	\$1.05
Cable Fire Retardant	per occurrence	NRC	\$44.37
Cable Splice			
Metallic DSO, DS1 or Fiber			
Engineering Costs	per project	NRC	\$30.32
Splicing (greater than 200 pair)	per DSO/DS1 pair	NRC	\$1.38
Splicing (less than 200 pair)	per DSO/DS1 pair	NRC	\$1.38
Splicing Fiber Cable	per fiber	NRC	\$49.33
Facility Pull			
Engineering Costs	per project	NRC	\$33.82
Per Foot Pull (labor)-DSO,DS1,DS3 or Fiber	per linear foot	NRC	\$1.11
Per DSO Cable Termination			
Per Termination (C)	per 100 pr	NRC	\$4.44
Per Termination (UC)	per 100 pr	NRC	\$44.37
Per DS1 Cable Termination			
Per Termination (C)	per 28 pr	NRC	\$1.11
Per Termination (UC)	per 28 pr	NRC	\$33.28
Per DS3 (coaxial) Termination			
Per Termination (Preconnectorized)	per DS3	NRC	\$1.11
Per Termination (Unconnectorized)	per DS3	NRC	\$11.09
Per Fiber Cable Termination			
Per Termination	per fiber	NRC	\$49.33
BITS Timing			
Engineering Costs	per project	NRC	\$34.93
Material Cost and Pull Shielded Cable	per linear foot	NRC	\$1.25

Monthly Recurring Prices

Cable Space

Subduct Space

Manhole	per project	MRC	\$4.89
Subduct	per linear foot	MRC	\$0.04

Conduit Space - 4" Duct - Metallic Cable

Manhole	per project	MRC	\$8.84
Conduit	per linear foot	MRC	\$0.05

Facility Termination

DSO Cable - Material	per 100 pr.	MRC	\$3.13
DS1 Cable - Material	per 28 pr.	MRC	\$12.34
DS3 Cable - Material	per DS3	MRC	\$16.11

Cable Vault Splice

Metallic DSO Cable per 1200 pair

Material	per splice	MRC	\$449.44
Space Utilization in Cable Vault	per cable	MRC	\$3.00

Metallic DSO Cable per 900 pair

Material	per splice	MRC	\$329.12
Space Utilization in Cable Vault	per cable	MRC	\$2.75

Metallic DSO Cable per 600 pair

Material	per splice	MRC	\$218.79
Space Utilization in Cable Vault	per cable	MRC	\$1.94

Metallic DS1 Cable

Material	per splice	MRC	\$45.54
Space Utilization in Cable Vault	per cable	MRC	\$0.44

Fiber Cable - 48 fiber

Material	per splice	MRC	\$8.66
Space Utilization in Cable Vault	per subduct	MRC	\$0.82

Fiber Cable - 96 fiber

Material	per splice	MRC	\$24.66
Space Utilization in Cable Vault	per subduct	MRC	\$0.82

Cable Rack - Common

Metallic DSO Cable - Space Utilization	per linear foot	MRC	\$0.01
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Metallic DS1 Cable - Space Utilization	per linear foot	MRC	\$0.01
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Fiber Cable - Space Utilization	per innerduct ft.	MRC	\$0.01
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BITS Timing	per port	MRC	\$9.06
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MISCELLANEOUS COLLOCATION RATES

Elements	Increment	NRC / MRC	Rate
Labor:			
Overtime Installation Labor	per rates below		
Overtime Repair Labor	per rates below		
Additional Installation Testing Labor	per rates below		
Standby Labor	per rates below		
Testing & Maintenance with Other Telcos, Labor	per rates below		
Other Labor	per rates below		
Labor Rates:			
Basic Time, Business Day, Per Technician			
First Half Hour or Fraction Thereof		NRC	\$42.76
Each Additional Half Hour or Fraction Thereof		NRC	\$21.38
Overtime, Outside the Business Day			
First Half Hour or Fraction Thereof		NRC	\$100.00
Each Additional Half Hour or Fraction Thereof		NRC	\$75.00
Prem.Time,Outside Business Day, Per Tech			
First Half Hour or Fraction Thereof		NRC	\$150.00
Each Additional Half Hour or Fraction Thereof		NRC	\$125.00
GTE Provided Cable Rates:			
Facility Cable			
DS-O Cable (Connectorized) 100 pair	100 ft.	NRC	\$157.69
DS-1 Cable (Connectorized)	100 ft.	NRC	\$165.77
DS-3 Coax Cable	per linear foot	NRC	\$0.42
Shielded Cable (Orange jacket)	per linear foot	NRC	\$0.16
Power Cable			
Wire Power 1/0	per linear foot	NRC	\$0.77
Wire Power 2/0	per linear foot	NRC	\$1.11
Wire Power 3/0	per linear foot	NRC	\$1.24
Wire Power 4/0	per linear foot	NRC	\$1.52
Wire Power 350 MCM	per linear foot	NRC	\$2.60
Wire Power 500 MCM	per linear foot	NRC	\$3.63
Wire Power 750 MCM	per linear foot	NRC	\$5.58
Wire Ground #6	per linear foot	NRC	\$0.15
Collocation Space Report	per premise	NRC	\$1,637.25

APPENDIX 49A
AMENDMENT TO CERTAIN RATES, TERMS AND CONDITIONS
AT&T TERMS

State of KENTUCKY

Pursuant to Article III Section 49 of this Agreement and subject to all of the terms and conditions thereof, the attached AT&T Terms referred to in Section 49 and attached herein as pages 49A-2 through 49A-14 will be substituted for the GTE Terms which are set out in Appendix 49B.

Attachment 1 to Amendment 49A
Amendment to Certain Rates, Terms and Conditions
AT&T/GTE TERMS
State of KENTUCKY
From the Main Section of the AT&T/GTE Arbitrated Agreement

25.3 Restrictions on Resale. To the extent consistent with the applicable rules and regulations of the FCC and the Commission, AT&T may resell all GTE Local Services as defined in GTE's tariffs. The following restrictions shall apply to the resale of Local Services, as described in Section 24 of this Agreement by AT&T: (i) AT&T shall not resell residential services to non-residential end users; (ii) AT&T shall not resell means-tested services such as Lifeline to customers who do not meet the required means test; and (iii) AT&T shall comply with the continuous property restriction applicable to Shared Tenant Services.

Attachment 2 to Amendment 49A
Amendment to Certain Rates, Terms and Conditions
AT&T/GTE Pricing Agreement

State of KENTUCKY

Prices for Unbundled Network Elements

Beginning with the Effective Date of this Agreement, Network Elements and Combinations will be priced in accordance with the standards and prices described in this Appendix.

The prices listed in Appendix 2 to this Attachment 14 are interim and are subject to true-up provisions and further order of the Commission pending submission of cost studies by GTE. The application of any intrastate or interstate access charges to Network Elements is interim and transitional pending Commission consideration of any Universal Service funding requirements.

The prices listed in this Appendix 2 will remain in effect for the Initial Contract Period unless and until amended pursuant to the pricing orders applicable to Network Elements and Combinations provided by GTE to AT&T in this State. Upon expiration of the Initial Contract Period and upon written notice by a Party, the Parties agree to renegotiate any or all of the prices, subject to the then applicable pricing standards established in accordance with Applicable Law.

Attachment 2 to Amendment 49A
 Amendment to Certain Rates, Terms and Conditions
 Annex 1 to Attachment 14
 AT&T/GTE Pricing Agreement

State of KENTUCKY

Summary of PSC Prices for Network Elements

	<u>Rates</u>
<u>Unbundled Loops</u>	
2-Wire Analog Loop	\$19.65
4-Wire Analog Loop	\$27.51
<u>Network Interface Device</u>	
Basic NID	\$1.86
12x NID	\$2.00
<u>Local Switching</u>	
Originating MOU	
Setup	\$0.0088173
per MOU	\$0.0012553
Average MOU	\$0.0036192
Terminating MOU	
Setup	\$0.0073541
per MOU	\$0.0012560
Average MOU	\$0.0032276
Ports	
2-wire Analog Port	\$4.02
DS-1 Port	\$60.06
<u>Intrastate End Office Switching:</u>	
Originating MOU	
Setup	\$0.0088173
per MOU	\$0.0012553
Average MOU	\$0.0036192
Terminating MOU	
Setup	\$0.0073541
per MOU	\$0.0012560

	<u>Rates</u>
<u>Interstate End Office Switching:</u>	
Originating MOU	
Setup	\$0.0088173
per MOU	\$0.0012553
Average MOU	\$0.0036192
Terminating MOU	
Setup	\$0.0073541
per MOU	\$0.0012560
Average MOU	\$0.0032276
Interconnection Charge Interstate – per MOU	\$0.0079315
<u>Carrier Common Line Interstate</u>	
Originating	\$0.0100000
Terminating	\$0.0195150
Features	
Various	Resale Tariff
<u>Local Interconnection</u>	
A. Bill and Keep +/-10% Traffic	Interim
B. Out of Balance Terminating Traffic	\$0.0032276
Average MOU	
<u>Dedicated Transmission Links</u>	
Entrance Facility	
2 Wire Voice	\$31.14
4 Wire Voice	\$44.01
DS1 Standard 1 st System	\$145.20
DS1 Standard Additional System	\$145.20
DS3 Protected, Electrical	\$908.83
DS1 to Voice Multiplexing	\$175.00
DS3 to DS1 Multiplexing	\$256.85
Direct Trunked Transport:	
Voice Facility per ALM	\$2.52
DS1 Facility per ALM	\$1.39
DS1 Per Termination	\$31.83
DS3 Facility per ALM	\$33.02
DS3 Per Termination	\$306.99
<u>Common Transmission Facilities</u>	
Transport Termination	
Average MOU/Term	\$.0000726

	<u>Rates</u>
<u>Tandem Switching</u>	
Setup	\$0.0011286
per MOU	\$0.0005183
Average MOU	\$0.0008209
<u>Database and Signaling Systems</u>	
Signaling Links and STP	
56 Kbps Links	\$83.91
DS-1 Link	\$145.20
Signal Transfer Point (STP)	
Port Termination	\$240.97
Call Related Databases:	
Line Information Database	
ABS – Queries	\$0.039
ABS Transport – Queries	\$0.0051
Toll Free Calling Databases	\$0.010909
DB800 Queries	
Service Provider Number Portability	Each Carrier Bears Own Costs*
<u>Other Network Elements</u>	
Operator Services	Under Study
Directory Assistance	Under Study
Subscriber Numbers	Under Study
<p>*Each party shall bear its own costs with respect to interim service provider number portability pursuant to the Commission's Orders in Case No. 96-478 and Case No. 96-440. Neither party waives its right to assert and pursue claims that the Commission's determinations on issues related to this Agreement including, but not limited to pricing of GTE's services, do not comport with the requirements of the Act. To the extent Applicable Law revises the Commission's Orders with regard to number portability charges in either Case No. 96-478 or 96-440 the parties shall abide by such decisions.</p>	

Summary of PSC Non-recurring Prices for Unbundled Services

<u>Network Local Interconnection/Element</u>	<u>Non-recurring Charge</u>
Service Ordering (loop or port)	
Initial Service Order, per order	\$51.84
Transfer of Services Charge, per order	\$17.41
Subsequent Service Order, per order	\$26.37
Customer Service Record Research, per order	\$5.65
Installation	
Unbundled Loop, per order	\$10.64
Unbundled Port, per port	\$10.64
Loop Facility Charge, per order*	\$69.59
*The Loop Facility Charge will apply when field work is required for establishment of a new unbundled loop service.	

Attachment 3 to Amendment 49A
Amendment to Certain Rates, Terms and Conditions
From Attachment 14 of
AT&T/GTE Pricing Agreement

State of KENTUCKY

Prices for Collocation

1. **Charges.**

Beginning with the Effective Date of this Agreement, Collocation will be priced in accordance with the standards and prices described in Annex 1 of this Appendix 3.

2. **Payment.**

AT&T will pay the charges for Collocation upon receipt of an itemized invoice from GTE. GTE will provide AT&T with an itemized invoice of all charges on a per LSO basis.

Attachment 3 to Amendment 49A
Amendment to Certain Rates, Terms and Conditions
Annex 1 of Attachment 14
AT&T/GTE Pricing Agreement

State of KENTUCKY

Summary of Commission-Approved Charges for Collocation
For GTE SOUTH, Inc

<u>Collocation Element</u>	<u>Monthly</u>
DS-0 level connection	\$1.53
DS-1 level connection	\$3.22
DS-3 level connection	\$23.84
Partitioned space/square foot	\$2.33
DC power per 40 Amps	\$388.26
Cable Pull per 12 Fibers	\$15.22

<u>Collocation Element</u>	<u>Non-Recurring Rate</u>
Physical Engineering Fee	\$3,749.00/per request
Building Modification Costs:	
Simple	\$15,468.00/per office
Moderate	\$21,305.00/per office
Complex	\$27,189.00/per office
DC power	\$4,191.00/per 40 amps
Cable Pull	\$1,075.00/per 12 fibers
Cage Enclosure	\$4,705.00/per cage

Attachment 4 to Amendment 49A

Amendment to Certain Rates, Terms and Conditions
From Attachment 14
AT&T/GTE Pricing Agreement

State of KENTUCKY

Reciprocal Compensation

1. **Scope.**

This Appendix prescribes the methods and means for reciprocal compensation of interconnect traffic between GTE's and AT&T's networks as well as transiting traffic between AT&T and third party LECs or ILECs.

2. **Interconnecting Local Traffic.**

Compensation for exchange of Local Traffic will be paid on a Bill and Keep basis.

3. **Transiting Traffic.**

AT&T shall pay to GTE a Transiting Service Charge for the use of its Tandem Switching as described in Annex 1 to this Appendix 4.

4. **BLV/BLVI Traffic.**

Each party shall charge the other for BLV/BLVI Services on a reciprocal basis as provided in Section 21 of this Agreement.

Attachment 4 to Amendment 49A
Amendment to Certain Rates, Terms and Conditions
Annex 1 from Attachment 14
AT&T/GTE Pricing Agreement
State of KENTUCKY

Prices for Reciprocal Compensation (Transiting Traffic)

The prices listed in this Annex will remain in effect for the Initial Contract Period unless amended pursuant to pricing orders applicable to the services provided to each other by AT&T and GTE listed in this Appendix 4. Upon expiration of the Initial Contract Period, upon written notice by a Party, the Parties agree to renegotiate any or all of the prices, subject to the then applicable pricing standards established in accordance with Applicable Law. A Party may deliver only one request to renegotiate during a Contract Year. If the Parties are unable to agree upon revised prices within sixty (60) days of the request to renegotiate, a Party may invoke the Dispute resolution procedures. Until such time as the revised prices are agreed to, or established by the decision of the Arbitrator in the dispute resolution procedure, the prices described in this Annex will continue to remain in effect.

Dedicated transport - \$0.0000726/Termination

Common transport - \$0.0000031/Mile

End Office Switching - \$0.0032276/MOU

Tandem Switching - \$0.0008209/MOU

Transiting Service Charge - Tandem Switching Rate of \$0.0008209 per minute plus applicable Transport Access Rates

Attachment 5 to Amendment 49A
Amendment to Certain Rates, Terms and Conditions
From Attachment 14
AT&T/GTE Pricing Agreement
State of KENTUCKY

Prices for Local Number Portability

Each party shall bear its own costs for providing interim number portability options.

Attachment 6 to Amendment 49A
Amendment to Certain Rates, Terms and Conditions
From Attachment 14
AT&T/GTE Pricing Agreement
State of KENTUCKY
Prices for Trunking Interconnection

The prices listed in this Appendix are not subject to change for the Initial Contract Period. Upon expiration of the Initial Contract Period, upon written notice by a Party, the Parties agree to renegotiate any or all of the prices, subject to the then applicable pricing standards established in accordance with Applicable Law.

Dedicated Transport Rates

AT&T Dedicated Transport

See Appendix 2 - Annex 1 to this Attachment 14

GTE Dedicated Transport -

See Appendix 2 - Annex 1 to this Attachment 14

Attachment 9 to Amendment 49A
Amendment to Certain Rates, Terms and Conditions
From Attachment 14
AT&T/GTE Pricing Agreement
State of KENTUCKY

Treatment of ESP/ISP Traffic

The Parties have not agreed as to how ESP/ISP Traffic should be exchanged between the Parties and whether and to what extent compensation is due either Party for exchange of such traffic. GTE's position is that the FCC cannot divest itself of rate setting jurisdiction over such traffic, that such traffic is interstate and subject to Part 69 principles, and that a specific interstate rate element should be established for such traffic. AT&T's position is that ESP/ISP traffic should be treated as local for the purposes of inter-carrier compensation and should be compensated on the same basis as voice traffic between end users. The FCC has issued a NPRM on prospective treatment of ESP/ISP traffic. Nevertheless, without waiving any of its rights to assert and pursue its position on issues related to ESP/ISP Traffic, each Party agrees that until the FCC enters a final, binding, and nonappealable order ("Final FCC Order"), the Parties shall exchange and each Party may track ESP/ISP Traffic but no compensation shall be owed for ESP/ISP Traffic exchanged between the Parties and neither Party shall bill the other for such traffic. At such time as a "Final FCC Order" becomes applicable, the Parties shall meet to discuss implementation of the Order and shall make adjustments to reflect the impact of the Order. This agreement to leave issues related to ESP/ISP Traffic unresolved until after the Final FCC Order becomes applicable and in the interim to not compensate for ESP/ISP Traffic, shall in no manner whatsoever establish any precedent, waiver, course of dealing or in any way evidence either Parties' position or intent with regard to exchange and/or compensation of ESP/ISP Traffic, each party reserving all its rights with respect to these issues.

APPENDIX 49B
AMENDMENT TO CERTAIN RATES, TERMS AND CONDITIONS
GTE TERMS

Pursuant to Article III, Section 49 of this Agreement, the following terms shall be applied in place of the terms in Appendix 49A (AT&T Terms) in the event the terms from the selected arbitrated agreement are deemed to be unlawful, or are stayed or enjoined by a court or commission of competent jurisdiction.

The Interconnection Rates in Appendix A will apply.

The Interim Number Portability Rates in Appendix B will apply.

The Unbundled Network Element rates in Appendix D will apply.

ARTICLE VII
UNBUNDLED NETWORK ELEMENTS (UNEs)

1. General.

On January 25, 1999, the Supreme Court of the United States issued its decision in *AT&T v. Iowa Utilities Board*, 119 S. Ct. 721 (1999). Among other things, the Court vacated the FCC's list of unbundled network elements (UNEs) set forth in Rule 51.319, holding that the FCC failed to apply the Act's "necessary" or "impair" standard in creating its list. On November 5, 1999, the FCC issued an order establishing a new Rule 51.319 that reflects a new list of UNEs (the "UNE Remand Order"). On December 9, 1999, the FCC released a separate order that adds the high frequency portion of the local loop, or "line sharing," to this list (the "Line Sharing Order"). With the exception of dark fiber loops, subloops, inside wire, packet switching, dark fiber transport, access to the calling name, 911 and E911 databases, access to loop qualification information and line sharing (collectively, the "additional UNEs"), the UNEs established by the FCC in its new Rule 51.319 pursuant to the UNE Remand and Line Sharing Orders became effective February 17, 2000. With the exception of line sharing, the Additional UNEs become effective May 17, 2000. GTE may not be able to make line sharing available as a UNE before June 6, 2000.

Unless otherwise specified in this Article, the ordering, provisioning, billing and maintenance of UNEs will be governed by the GTE Guide. GTE will provide UNE offerings pursuant to this Article only to the extent they are Currently Available in GTE's network. GTE will not construct new facilities to offer any UNE or combination of UNEs.

Notwithstanding anything to the contrary in this Article, GTE does not waive, and hereby expressly reserves, its rights: (a) to challenge the legality of Rule 51.319, the UNE Remand and Line Sharing Orders and/or any other related FCC orders or rules; (b) to appeal of the FCC pricing rules; (c) to assert or continue to assert that certain provisions of the FCC's First and Second Report and Order in FCC Docket No. 96-98 and other FCC orders or rules are unlawful, illegal and improper; and (d) to take any appropriate action, including, without limitation, requiring retroactive pricing adjustments relating to the offering of UNEs and UNE combinations, based on the outcome of any of the actions or challenges described in subparagraphs (a)-(c) above or any other actions.

The UNEs, including combinations of UNEs, hereunder shall only be made available and shall only be used, for the provision of Telecommunication Service, as that term is defined by the Act.

2. Description of UNE Offerings.

2.1 Individual UNEs.

GTE will provide US Dial Tone with the following UNEs pursuant to this Article:

premises via a copper or coaxial drop or other facility. The loop includes all features, functions and capabilities of such transmission facilities, including attached electronics (except those electronics used for the provision of advanced services, such as digital subscriber line access multiplexers (“DSLAMs”)) and line conditioning.

2.1.1.1 Types of Loops. The types of unbundled loops made available to US Dial Tone under this Article are:

2.1.1.1.1 “2-Wire Analog Loop” is a voice grade transmission facility that is suitable for transporting analog voice signals between approximately 300-3000 Hz, with loss not to exceed 8.5 db. A 2-wire analog loop may include load coils, bridge taps, etc. This facility also may include carrier derived facility components (i.e., pair gain applications, loop concentrators/multiplexers). This type of unbundled loop is commonly used for local dial tone services. GTE does not guarantee data modem speeds on a 2-wire analog loop. In addition, GTE does not guarantee CLASS features will perform properly on a 2-wire analog loop provisioned over subscriber analog carrier.

2.1.1.1.2 “4-Wire Analog Loop” conforms to the characteristics of a 2-wire voice grade loop and, in addition, can support simultaneous independent transmission in both directions. GTE does not guarantee data modem speeds on a 4-wire analog loop. In addition, GTE does not guarantee CLASS features will perform properly on a 4-wire analog loop provisioned over subscriber analog carrier.

2.1.1.1.3 “2-Wire Digital Loop” is a transmission facility capable of transporting digital signals up to 160 kpbs, with no greater loss than 38 db. end-to-end, measured at 40 kHz. At US Dial Tone’s request, line extension equipment may be added, in which case loss will be no greater than 76 db. at 40 kHz (ISDN-BRI). When utilizing ADSL technology, US Dial Tone is responsible for limiting the Power Spectral Density (PSD) of the signal to levels specified in Clause 6.13 of ANSI T1.413 ADSL Standards.

2.1.1.1.4 “4-Wire Digital Loop” is a transmission facility that is suitable for the transport of digital signals at rates up to 1.544 Mbps. 4-wire digital loops are only provisioned on copper facilities. When a 4-wire digital loop is used by US Dial Tone to provision HDSL technology, the insertion loss, measured between 100W termination at 200 kHz, in which case loss should be less than 34 db. The DC resistance of a single wire pair should not exceed 1100 ohms.

2.1.1.1.5 “DS-1 Loops” will support a digital transmission rate of 1.544 Mbps.

capable of carrying communications services. In accordance with Rule 51.319(a)(1), GTE will not make dark fiber loops available as an UNE before May 17, 2000. Upon written request by US Dial Tone or GTE, the Parties shall engage in further good faith negotiations regarding the implementation of dark fiber as an UNE.

- 2.1.2 Subloops. The subloop UNE is defined as any portion of the loop, including inside wire, that is technically feasible to access at the drop pedestal, cross connect box and pair gain in GTE's outside plant. In accordance with Rule 51.319(a)(2), GTE will not make subloops available as an UNE before May 17, 2000. Upon written request by US Dial Tone or GTE, the Parties shall engage in further good faith negotiations regarding the implementation of subloops as an UNE.
- 2.1.3 Inside wire. The inside wire UNE is defined as all loop plant owned by GTE on an end-user Customer premises as far as the point of demarcation. In accordance with Rule 51.319(a)(2), GTE will not make inside wire available as an UNE before May 17, 2000. Upon written request by US Dial Tone or GTE, the Parties shall engage in further good faith negotiations regarding the implementation of inside wire as an UNE.
- 2.1.4 Network Interface Device (NID). The NID UNE is defined as any means of interconnection of end-user Customer inside wiring to GTE's distribution plant. To gain access to an end-user's inside wiring, US Dial Tone may connect its own loop directly to GTE's NID where US Dial Tone uses its own facilities to provide local service to an end-user formerly served by GTE, as long as such direct connection does not adversely affect GTE's network.
- 2.1.5 Local Circuit Switching. The local circuit switching UNE is defined as: (i) line-side facilities, which include, but are not limited to, the connection between a loop termination at a main distribution frame and a switch line card; (ii) trunk-side facilities, which include, but are not limited to, the connection between trunk termination at a trunk-side cross-connect panel and a switch trunk card; and (iii) all features, functions and capabilities of the switch. GTE reserves the right not to provide circuit switching and shared transport as a UNE under the circumstances described in Rule 51.319(c)(2).
- 2.1.5.1 Types of Local Circuit Switching. At US Dial Tone's request, GTE will make available the following types of Circuit Switching as UNEs:
- 2.1.5.1.1 Analog Line Side Port. An analog line side port¹ is a line side switch connection used to provide basic residential- and business-type exchange services.
- 2.1.5.1.2 ISDN BRI Digital Line Side Port. An ISDN BRI digital line side port is a basic rate interface (BRI) line side switch connection used to provide

- 2.1.5.1.3 Coin Line Side Port. A coin line side port is a line side switch connection used to provide coin services.
- 2.1.5.1.4 DS-1 Digital Trunk Side Port. A DS-1 digital trunk side port is a trunk side switch connection used to provide the equivalent of 24 analog incoming trunk ports.
- 2.1.5.1.5 ISDN PRI Digital Trunk Side Port. An ISDN PRI digital trunk side port is a primary rate interface (PRI) trunk side switch connection used to provide ISDN exchange services.
- 2.1.6 Local Tandem Switching. The local tandem switching UNE is defined as: (i) trunk-connect facilities, which include, but are not limited to, the connection between trunk termination at a cross connect panel and switch trunk card; (ii) the basic switch trunk function of the connecting trunks to trunks; and (iii) the functions that are centralized in tandem switches (as distinguished from separate end office switches).
- 2.1.7 Packet Switching. The packet switching UNE is defined as the basic packet switching function of routing or forwarding packets, frames, cells or other data units based on address or other routing information contained in the packets, frames, cells or other data units, and the functions that are performed by the DSLAM. GTE reserves the right not to provide packet switching as a UNE under the circumstances described in Rule 51.319(c)(5). In accordance with Rule 51.319(c)(5), GTE will not make packet switching available as an UNE before May 17, 2000. Upon written request by US Dial Tone or GTE, the Parties shall engage in further good faith negotiations regarding the implementation of packet switching as an UNE.
- 2.1.8 Dedicated Transport. The dedicated transport UNE is defined as GTE interoffice transmission facilities, including all technically feasible capacity-related services, including, but not limited to, DS1, DS3 and OCN levels, dedicated to a particular Customer or carrier, that provide telecommunications between wire centers owned by GTE or US Dial Tone, between switches owned by GTE or US Dial Tone.
- 2.1.9 Dark Fiber Transport. The dark fiber transport UNE is defined as GTE optical interoffice transmission facilities without attached multiplexing, aggregation or other electronics. In accordance with Rule 51.319(d), GTE will not make dark fiber available as an UNE before May 17, 2000. Upon written request by US Dial Tone or GTE, the Parties shall engage in further good faith negotiations regarding the implementation of dark fiber transport as an UNE.
- 2.1.10 Shared Transport. The shared transport UNE is defined as interoffice transmission facilities shared by more than one carrier, including GTE, between end office switches, between end office switches and tandem switches, and between

signaling networks and signaling transfer points. SS7 transport and signaling shall be provided in accordance with the terms and conditions of a separately executed agreement, or via GTOC Tariff FCC No. 1.

2.1.12 Call-Related Databases The call-related database UNE is defined as a database, other than OSS, that are used in signaling networks for billing and collection, or the transmission, routing, or other provision of a telecommunications service. These databases include the calling name database, 911 database, E-911 database, line information database, toll free calling database, advanced intelligent network database and downstream number portability databases by means of physical access at the signaling transfer point linked to the unbundled databases. LIDB services and database 800 type services shall be provided in accordance with the rates, terms and conditions of GTOC Tariff FCC No. 1. In accordance with Rule 51.319(e)(2)(i), GTE will not make the calling name database, 911 database or E-911 database as an UNE before May 17, 2000. Upon written request by US Dial Tone or GTE, the Parties shall engage in further good faith negotiations regarding the implementation of such databases as an UNE. In addition, GTE reserves the right not to unbundle the services created in the AIN platform and architecture that qualify for proprietary treatment.

2.1.13 Service Management Systems. The service management system database system UNE is defined as a computer database or system not part of the public switched network that: (i) interconnects to the service control point and sends to that service control point the information and call processing instructions needed for a network switch to process and complete a telephone call and (ii) provides telecommunications carriers with the capability of entering and storing data regarding the processing and completing of a telephone call.

2.1.14 OS/DA. The OS/DA UNE is defined as: (a) any automatic or live assistance to a consumer to arrange for billing or completion, or both, of a telephone call (OS); and (b) a service that allows subscribers to retrieve telephone numbers of other subscribers (DA). In accordance with Rule 51.319(f), GTE will not provide OS/DA as a UNE when it offers customized routing. Where US Dial Tone provides its own OS and DA platform, US Dial Tone is required to route its OS and DA traffic to its platform over customized routing. GTE shall: (a) provide US Dial Tone a list of switches that can provide customized routing using line class codes or similar method (regardless of current capacity limitations) and a schedule for customized routing in the switches with existing capabilities and capacity; (b) provide US Dial Tone with applicable charges, and terms and conditions, for providing customized routing; and (c) choose the method of implementing customized routing of OS and DA calls. When GTE offers customized routing to US Dial Tone, US Dial Tone will be required to establish dedicated transport in order to route OS/DA traffic to the designated platform. If a dedicated transport UNE is used to route OS/DA traffic to the designated platform, US Dial Tone must purchase a trunk side port and establish a collocation arrangement in accordance with the Collocation Article. If

faith negotiations regarding the implementation of such information as an UNE.

2.1.16 Line Sharing. The line sharing UNE is defined as the frequency range above the voiceband on a copper loop facility that is being used to carry analog circuit-switched voiceband transmissions. Upon written request by US Dial Tone or GTE, the Parties shall engage in further good faith negotiations regarding, and take all reasonable steps necessary to ensure, the implementation of line sharing as an UNE. In accordance with par. 161 of the Line Sharing Order, GTE may not be able to make Line Sharing available as an UNE before June 6, 2000.

2.2 Combinations. GTE will offer combinations of UNEs (UNE-P) where the elements are already combined in GTE's network, subject to the limitations, requirements and restrictions of applicable law, including, without limitation, Rule 51.319, the Line Sharing Order, the UNE Remand Order and the Act. GTE is no longer required to provide OS/DA as a UNE where GTE offers customized routing. Nevertheless, GTE will continue to provide OS/DA based on market rates (see Appendix D) until the Parties negotiate a separate OS/DA agreement. In the alternative, US Dial Tone can obtain an alternative provider. In addition, US Dial Tone may not use any UNE combination as a substitute for special access service pending the FCC's resolution of this issue in its Fourth FNPRM in Docket No. 96-98. US Dial Tone shall not have physical access to the combined UNEs in GTE's premises. However, US Dial Tone may use UNE combinations to provide a significant amount of local exchange service, in addition to exchange access service, to a particular Customer. The following are not offered in UNE-P arrangements: (a) Frame Relay; (b) ATM; (c) ADSL; and (d) AIN. US Dial Tone may order the following standard UNE-Ps pursuant to this Article:

2.2.1 UNE Basic Analog Voice Grade Platform, which consists of:

2.2.1.1 UNE 2-Wire Loop;

2.2.1.2 UNE Basic Analog Line Side Port; and

2.2.1.3 UNE Shared Transport.

2.2.2 UNE ISDN BRI Platform, which consists of:

2.2.2.1 UNE 2-Wire Digital Loop;

2.2.2.2 UNE ISDN BRI Digital Line Side Port; and

2.2.2.3 UNE Shared Transport.

2.2.3 UNE ISDN PRI Platform, which consists of:

2.2.3.1 UNE DS-1 Loop;

2.2.4.3 UNE Shared Transport.

3. Operations Matters.

3.1 Ordering.

The ordering procedures for UNEs and UNE-P's are described in the GTE Guide found on GTE's wise website <http://www.gte.com/wise>). GTE will continue to participate in industry forums for developing service order/disconnect order formats and will incorporate appropriate industry standards. Complete and accurate forms (containing the requisite end-user information as described in the Guide) must be provided by US Dial Tone before a request can be processed. ASRs and/or LSRs submitted by US Dial Tone will be reviewed by GTE for validation and correction of errors. Errors will be referred back to US Dial Tone. US Dial Tone will then correct any errors that GTE has identified and resubmit the request to GTE electronically through a supplemental ASR/LSR.

3.2 Unauthorized Changes

If US Dial Tone submits an order for UNEs or UNE-Ps under this Agreement in order to provide service to an end-user that at the time the order is submitted is obtaining its local services from GTE or another LEC using GTE resold services or unbundled elements, and the end-user notifies GTE that the end-user did not authorize US Dial Tone to provide local exchange services to the end-user, US Dial Tone must provide GTE with written documentation of authorization from that end-user within thirty (30) Business Days of notification by GTE. If US Dial Tone cannot provide written documentation of authorization within such time frame, US Dial Tone must within three (3) Business Days thereafter:

- 3.2.1 notify GTE to change the end-user back to the LEC providing service to the end-user before the change to US Dial Tone was made;
- 3.2.2 provide any end-user information and billing records US Dial Tone has obtained relating to the end-user to the LEC previously serving the end-user; and
- 3.2.3 notify the end-user and GTE that the change back to the previous LEC has been made.

Furthermore, GTE will bill US Dial Tone fifty dollars (\$50.00) per affected line to compensate GTE for switching the end-user back to the original LEC.

3.3 Letter of Authorization.

GTE will not release the Customer Service Record (CSR) containing Customer proprietary network information (CPNI) to US Dial Tone on GTE end-user

3.4 Provisioning.

GTE agrees to provide UNEs and UNE-Ps in a timely manner, considering the need and volume of requests, pursuant to agreed upon service provisioning intervals. GTE shall provide power to ordered UNEs and UNE-Ps on the same basis as GTE provides power to itself. UNEs and UNE-Ps will be provided only when facilities are Currently Available. If facilities are not Currently Available, US Dial Tone will be notified and the order will be rejected. The determination of whether or not facilities are Currently Available will be made on a case-by-case basis. US Dial Tone may use the Bona Fide Request (BFR) process to request GTE to construct facilities at US Dial Tone's expense. GTE will use the following guidelines to determine if facilities are Currently Available to provision a requested UNE or UNE-P:

- 3.4.1 GTE will not place new interoffice facilities or outside plant feeder or distribution facilities.
- 3.4.2 GTE will not breach existing interoffice facilities, outside plant feeder or distribution facilities or central office cabling or wiring to install new electronics or housing for plug-in electronic cards or modules. GTE will install new plug-in cards or modules when the housing already exists and is wired into the network.
- 3.4.3 In most circumstances, GTE will install drops and NIDs to connect outside plant facilities to an end-user's premises to provide a UNE loop. GTE will use the same procedures its uses to determine when a drop would routinely be installed for a GTE Customer to determine if a drop will be installed for a UNE loop. Drops will not be installed when conditions such as excessive length, size of cable or use of fiber optics would require GTE outside plant construction personnel to install the drop.
- 3.4.4 GTE will not install new switches or augment switching capacity.
- 3.4.5 GTE will not install new software or activate software requiring a new right to use fee in switching equipment. GTE will activate software that is currently loaded in a switch but is not in use.
- 3.4.6 In certain situations, GTE utilizes pair gain technology, such as Integrated Digital Loop Carrier (IDLC)² or analog carrier, to provision facilities. GTE may not be able to provision a loop UNE in such cases. Where GTE can provision a loop UNE using pair gain technology, the capabilities of such loop UNE may be limited. If US Dial Tone orders a loop UNE that would normally be provisioned over facilities using pair gain technology, GTE will use alternate facilities to provision the loop UNE if alternate facilities are Currently Available. If alternate facilities are not Currently Available, GTE will advise US Dial Tone that facilities are not available to provision the requested loop UNE.

- 3.5.1 A BFR shall be submitted in writing by US Dial Tone and shall specifically identify the need to include technical requirements, space requirements and/or other such specifications that clearly define the request such that GTE has sufficient information to analyze and prepare a response.
- 3.5.2 US Dial Tone may cancel a BFR in writing at any time prior to US Dial Tone and GTE agreeing to price and availability. GTE will then cease analysis of the request.
- 3.5.3 Within five (5) Business Days of GTE's receipt of the BFR, GTE shall acknowledge in writing its receipt of same and identify a single point of contact and any additional information needed to process the request.
- 3.5.4 Except under extraordinary circumstances, within thirty (30) Business Days of GTE's receipt of the BFR, GTE shall provide a proposed price and availability date, or GTE will provide an explanation as to why GTE elects not to meet US Dial Tone's request. In cases of extraordinary circumstances, GTE will inform US Dial Tone as soon as it realizes that it cannot meet the thirty (30) Business Day response due date. US Dial Tone and GTE will then determine a mutually agreeable date for receipt of the request.
- 3.5.5 Unless US Dial Tone agrees otherwise, all proposed prices shall be consistent with the pricing principles of the Act, FCC and/or Commission. Payments for services purchased under a BFR will be made upon delivery, unless otherwise agreed to by US Dial Tone, in accordance with the applicable provisions of this Agreement.
- 3.5.6 Upon affirmative response from GTE, US Dial Tone will submit in writing its acceptance or rejection of GTE's proposal. If at any time an agreement cannot be reached as to the terms and conditions and/or price of the request GTE agrees to meet, the Dispute Resolution procedures described in Article III, Section 18 herein may be used by a Party to reach a resolution.

3.6 Connections.

- 3.6.1 With the exception of shared transport, the UNEs specified above may be directly connected to US Dial Tone facilities or to a third-party's facilities designated by US Dial Tone to the extent technically feasible. Direct access to loops, port and local switching, and dedicated transport, that terminate in a GTE Wire Center or other GTE premises, must be accomplished via a collocation arrangement in that Wire Center or premise. In circumstances where collocation cannot be accomplished in the Wire Center or premise, the Parties agree to negotiate for possible alternative arrangements. Removal of existing cable pairs required for US Dial Tone to connect service is the responsibility of US Dial Tone.
- 3.6.2 In order to minimize adverse effects to GTE's network, the following procedures shall apply regarding NID connection:

Dial Tone must make a clean cut at the closest point to the cable termination block. At US Dial Tone's request and discretion, GTE will determine the cable pair to be removed at the NID in multi-tenant locations. US Dial Tone will compensate GTE for the trip charge necessary to identify the cable pair to be removed.

3.6.2.3 GTE loop elements leased by US Dial Tone will be required to terminate only on a GTE NID. If US Dial Tone leasing a GTE loop wants to connect such loop to a US Dial Tone NID, US Dial Tone also will be required to lease a GTE NID for the direct loop termination and effect a NID-to-NID cross connection.

3.6.2.4 Rather than connecting its own loop directly to GTE's NID, US Dial Tone also may elect to install its own NID and effect a NID-to-NID cross connection to gain access to the end-user's inside wiring.

3.6.2.5 If US Dial Tone provides its own loop facilities, US Dial Tone may elect to move all inside wire terminated on a GTE NID to one provided by US Dial Tone. In this instance, a NID-to-NID cross connection will not be required. US Dial Tone, or the end-user premise owner, can elect to leave the disconnected GTE NID in place, or to remove the GTE NID from the premises and dispose of it entirely.

3.6.2.6 GTE agrees to offer its NIDs to US Dial Tone for lease, but not for sale. Therefore, US Dial Tone may remove GTE identification from any GTE NID to which it connects a US Dial Tone loop, but US Dial Tone shall not place its own identification on such NID.

3.7 Conditioning.

At US Dial Tone's request, and for the charge(s) described on Appendix D, GTE will condition those lines that are unbundled pursuant to this Article to remove load coils, bridge taps, low pass filters, range extenders and other devices to allow such lines to be provisioned in a manner that will allow for the transmission of digital signals required for ISDN and ADSL services, or, in the case of analog lines, to meet specific transmission parameters (e.g., Type C, Type DA, Improved C). dedicated transport may be conditioned for DS-1 clear channel capability.

3.8 Line Testing.

Upon US Dial Tone's request, and for the charge(s) described on Appendix D, GTE will test and report trouble for all features, functions, and capabilities of conditioned lines, subject to all of the following limitations and conditions:

3.8.3 All loop facilities provided by GTE on the premises of US Dial Tone's end-users, up to the network interface or demarcation point, are the property of GTE. GTE must have access to all such facilities for network management purposes. GTE employees and agents may enter said premises at any reasonable hour to test and inspect such facilities in conjunction with such purposes or, upon termination or cancellation of the loop, to remove such facility.

3.8.4 If US Dial Tone leases loops that are conditioned to transmit digital signals, as part of that conditioning, GTE will test the loop UNE and provide recorded test results to US Dial Tone. In maintenance and repair cases, if loop tests are performed, GTE will provide any recorded readings to US Dial Tone at the time the trouble ticket is closed in the same manner as GTE provides the same to itself and/or its end-users.

3.9 Loop Interference and Maintenance.

If US Dial Tone's deployment of service enhancing technology interferes with existing or planned service enhancing technologies deployed by GTE or other CLECs in the same cable sheath, GTE will so notify US Dial Tone and US Dial Tone will immediately remove such interfering technology and shall reimburse GTE for all costs and expenses incurred related to this interference. When US Dial Tone provides its own loop and connects directly to GTE's NID, GTE does not have the capability to perform routine maintenance. US Dial Tone can perform routine maintenance via its loop and inform GTE once the trouble has been isolated to the GTE NID and GTE will repair (or replace) the NID, or, at US Dial Tone's option, effect a NID-to-NID cross connection, using the GTE NID only to gain access to the inside wire at the Customer location.

4. Financial Matters.

4.1 Rates and Charges

The monthly recurring charges (MRCs) and non-recurring charges (NRCs) applicable for the UNEs and UNE-Ps, and related services made available under this Article are set forth in Appendix D attached hereto and made a part of this Article. Compensation arrangements for the exchange of switched traffic between US Dial Tone and GTE when US Dial Tone uses a GTE port, local switching and shared transport shall be as set forth in Appendix D.

4.2 Billing.

GTE will utilize CBSS to produce the required bills for UNEs ordered via the LSR process. This includes NIDs, loops, loops combined with port, ports and local switching and shared transport. State or sub-state level billing will include up to thirty (30) summary bill accounts. Timing of messages applicable to GTE's port and circuit switching UNEs (usage sensitive services) will be recorded based on

which GTE records (non-intercompany), to US Dial Tone for billing to US Dial Tone's end-users. GTE will settle with the earning company, and will bill US Dial Tone the amount of each incollect record less the Billing & Collection (B&C) fee for end-user billing of the incollects. The B&C credit associated with US Dial Tone's incollect messages that are incurred by GTE will be billed to US Dial Tone on the monthly statement.

4.2.2 Outcollects. When the GTE end office switch from which the UNE port is served utilizes a GTE operator services platform, GTE will provide to US Dial Tone the unrated message detail that originates from a US Dial Tone resale service line or UNE port, but which is billed to a telephone number other than the originating number (e.g., calling card, bill-to-third number, etc.). As the local service provider, US Dial Tone will be deemed the earning company and will be responsible for rating the message at US Dial Tone's rates and for providing the billing message detail to the billing company for end-user billing. US Dial Tone will pay to GTE charges as agreed to for services purchased, and US Dial Tone will be compensated by the billing company for the revenue due to US Dial Tone. When a non-GTE entity provides operator services to the GTE end office from which the resale line or UNE port is provisioned, US Dial Tone must contract with the operator services provider to obtain any EMR records required by US Dial Tone.

4.3 Measurement of Originating Usage.

GTE shall record usage data originating from US Dial Tone Customers that GTE records with respect to its own retail Customers, using services order by US Dial Tone. On UNE port accounts, GTE will provide usage in EMR format per existing file exchange schedules.

4.4 Measurement of Terminating Usage.

Until such time as industry standards are implemented for recording and measuring terminating local calls, the Parties agree to use factors to estimate terminating usage based on originating usage. Where originating usage cannot be measured, the Parties agree to use assumed minutes. The applicable factors and assumed minutes are set forth in Appendix D.

4.5 Switched Access Usage.

GTE will provide US Dial Tone switched access usage records (AURs) in EMI Category 11 format for those UNEs which contain this switched access usage component. US Dial Tone agrees to follow applicable industry standards for the meet-point billing of switched access usage as defined in MECAB.

4.6 Impact of Payment of Charges on Service.

seven (7) day period, inform GTE in writing of which portion of the unpaid charges it disputes, including the specific details and reasons for the dispute, unless such reasons have been previously provided, and shall immediately pay to GTE all undisputed charges. If US Dial Tone and GTE are unable, within thirty (30) Business Days thereafter, to resolve issues related to the disputed charges, then either US Dial Tone or GTE may file a request for arbitration under General Provisions of this Agreement to resolve those issues. Upon resolution of any dispute hereunder, if US Dial Tone owes payment it shall make such payment to GTE with any late payment charge from the original payment due date. If US Dial Tone owes no payment, but has previously paid GTE such disputed payment, then GTE shall credit such payment including any late payment charges. If US Dial Tone fails to pay any undisputed unpaid charges, US Dial Tone shall, at its sole expense, within five (5) Business Days notify its Customers that their service may be disconnected for US Dial Tone's failure to pay unpaid charges, and that its Customers must select a new provider of local exchange services. GTE may discontinue service to US Dial Tone upon failure to pay undisputed charges as provided in this Section 4.6 and shall have no liability to US Dial Tone or US Dial Tone's Customers in the event of such disconnection. If US Dial Tone fails to provide such notification or any of US Dial Tone's Customers fail to select a new provider of services within the applicable time period, GTE may provide local exchange services to US Dial Tone's Customers under GTE's applicable Customer tariff at the then current charges for the services being provided. In this circumstance, otherwise applicable service establishment charges will not apply to US Dial Tone's Customer, but will be assessed to US Dial Tone.