

eleven (11) to twenty (20) applications; and for more than twenty (20) applications, it is increased by five (5) calendar days for every five additional applications received within five (5) business days. If the amount of space requested is not available, BellSouth will notify CGI of the amount of space that is available and no application fee shall apply. When BellSouth's response includes an amount of space less than that requested by CGI or differently configured, CGI must resubmit its application to reflect the actual space available. BellSouth will also respond as to whether the application is Bona Fide and if it is not Bona Fide, the items necessary to cause the application to become Bona Fide.

- 6.6 Denial of Application. If BellSouth notifies CGI that no space is available ("Denial of Application"), BellSouth will not assess an Application Fee. After notifying CGI that BellSouth has no available space in the requested Premises, BellSouth will allow CGI, upon request, to tour the entire Premises within ten (10) calendar days of such Denial of Application. In order to schedule said tour within ten (10) calendar days, the request for a tour of the Premises must be received by BellSouth within five (5) calendar days of the Denial of Application.
- 6.7 Filing of Petition for Waiver. Upon Denial of Application, BellSouth will timely file a petition with the Commission pursuant to 47 U.S.C. § 251(c)(6). BellSouth shall provide to the Commission any information requested by that Commission. Such information shall include which space, if any, BellSouth or any of BellSouth's affiliates have reserved for future use and a detailed description of the specific future uses for which the space has been reserved. Subject to an appropriate nondisclosure agreement or provision, BellSouth shall permit CGI to inspect any floor plans or diagrams that BellSouth provides to the Commission.
- 6.8 Waiting List. On a first-come, first-served basis governed by the date of receipt of an application or Letter of Intent, BellSouth will maintain a waiting list of requesting carriers who have either received a Denial of Application or, where it is publicly known that the Premises is out of space, have submitted a Letter of Intent to collocate. BellSouth will notify the telecommunications carriers on the waiting list that can be accommodated by the amount of space that becomes available according to the position of the telecommunications carriers on said waiting list.
- 6.8.1 In Florida, on a first-come, first-served basis governed by the date of receipt of an application or Letter of Intent, BellSouth will maintain a waiting list of requesting carriers who have either received a Denial of Application or, where it is publicly known that the Premises is out of space, have submitted a Letter of Intent to collocate. Sixty (60) calendar days prior to space becoming available, if known, BellSouth will notify the Florida PSC and the telecommunications carriers on the waiting list by mail when space becomes available according to the position of telecommunications carrier on said waiting list. If not known sixty (60) calendar days in advance, BellSouth shall notify the Florida PSC and the telecommunications carriers on the waiting list within two (2) business days of the determination that space is available. A

- telecommunications carrier that, upon denial of physical collocation, requests virtual collocation shall be automatically placed on the waiting list.
- 6.8.2 When space becomes available, CGI must submit an updated, complete, and correct application to BellSouth within thirty (30) calendar days of such notification. If CGI has originally requested caged Collocation Space and cageless Collocation Space becomes available, CGI may refuse such space and notify BellSouth in writing within that time that CGI wants to maintain its place on the waiting list without accepting such space. CGI may accept an amount of space less than its original request by submitting an application as set forth above, and upon request, may maintain its position on the waiting list for the remaining space that was initially requested. If CGI does not submit such an application or notify BellSouth in writing as described above, BellSouth will offer such space to the next telecommunications carrier on the waiting list and remove CGI from the waiting list. Upon request, BellSouth will advise CGI as to its position on the list.
- 6.9 Public Notification. BellSouth will maintain on its Interconnection Services website a notification document that will indicate all Central Offices that are without available space. BellSouth shall update such document within ten (10) calendar days of the date BellSouth becomes aware that there is insufficient space to accommodate physical collocation. BellSouth will also post a document on its Interconnection Services website that contains a general notice where space has become available in a Central Office previously on the space exhaust list.
- 6.10 Application Response.
- 6.10.1 In Alabama, when space has been determined to be available, BellSouth will provide an Application Response within thirty (30) calendar days of the receipt of a Bona Fide application, which will include, at a minimum, the configuration of the space, the Cable Installation Fee, Cable Records Fee, and any other applicable space preparation fees, described in Section 8.
- 6.10.2 In North Carolina, when space has been determined to be available, BellSouth will provide an Application Response within twenty-three (23) business days of the receipt of a Bona Fide application, which will include, at a minimum, the configuration of the space, the Cable Installation Fee, Cable Records Fee, and any other applicable space preparation fees, described in Section 8.
- 6.10.3 In Tennessee, BellSouth will provide an Application Response within fifteen (15) calendar days of receipt of a Bona Fide application. The Application Response will include, at a minimum, the configuration of the space, the Cable Installation Fee (Cageless and Virtual), and a firm price quote, based upon standardized pricing provided that CGI has given BellSouth a forecast of CGI's collocation needs at least ten (10) calendar days prior to submitting an application. If no forecast is provided by CGI the interval for an Application Response will be thirty (30) calendar days.

- 6.10.4 In Florida, within fifteen (15) calendar days of receipt of a Bona Fide application, when space has been determined to be available or when a lesser amount of space than that requested is available, then with respect to the space available, BellSouth will provide an Application Response including sufficient information to enable CGI to place a Firm Order. The Application Response will include, at a minimum, the configuration of the space, the Cable Installation Fee, Cable Records Fee, and the space preparation fees, as described in Section 8. When CGI submits ten (10) or more applications within ten (10) calendar days, the initial fifteen (15) day response period will increase by ten (10) calendar days for every additional ten (10) applications or fraction thereof.
- 6.10.5 In Georgia, Kentucky, Mississippi and South Carolina, when space has been determined to be available for caged or cageless arrangements, BellSouth will provide an Application Response within twenty (20) calendar days of receipt of a Bona Fide application. The Application Response will include, at a minimum, the configuration of the space, the Cable Installation Fee, Cable Records Fee, and any other applicable space preparation fees, as described in Section 8.
- 6.10.6 In Louisiana, when space has been determined to be available, BellSouth will provide an Application Response within thirty (30) calendar days for one (1) to ten (10) applications; thirty-five (35) calendar days for eleven (11) to twenty (20) applications; and for requests of more than twenty (20) applications it is increased by five (5) calendar days for every five (5) applications received within five (5) business days. The Application Response will include, at a minimum, the configuration of the space, the Cable Installation Fee, Cable Records Fee, and the space preparation fees, as described in Section 8.
- 6.11 Application Modifications.
- 6.11.1 If a modification or revision is made to any information in the Bona Fide application prior to a BFFO, with the exception of modifications to Customer Information, Contact Information or Billing Contact Information, either at the request of CGI or necessitated by technical considerations, said application shall be considered a new application and shall be handled as a new application with respect to response and provisioning intervals and BellSouth may charge CGI an additional application fee. The fee for an application modification where the modification requested has limited effect (e.g., requires labor expenditure but no capital expenditure by BellSouth) shall be the Subsequent Application Fee as set forth in Exhibit C. A modification involving a capital expenditure by BellSouth shall require CGI to submit the application with an Initial Application Fee. This non-recurring fee will be billed by BellSouth on the date that BellSouth provides an Application Response.
- 6.12 Bona Fide Firm Order.
- 6.12.1 In Kentucky and North Carolina, CGI shall indicate its intent to proceed with equipment installation in a BellSouth Premises by submitting a Physical Expanded

Interconnection Firm Order document (“Firm Order”) to BellSouth. A Firm Order shall be considered Bona Fide when CGI has completed the Application/Inquiry process described in Section 6, preceeding, and has submitted the Firm Order document indicating acceptance of the Application Response provided by BellSouth. The BFFO must be received by BellSouth no later than five (5) business days after BellSouth’s Application Response to CGI’s Bona Fide application in order to receive the intervals set forth in Section 7. The BFFO must be received by BellSouth no later than thirty (30) calendar days after BellSouth’s Application Response to CGI’s Bona Fide application or the application will expire. If the BFFO is received between the fifth business day and the thirtieth calendar day after the Application Response, then the intervals set forth in Section 7.1.1 will be extended day for day for each day after the fifth business day the BFFO is received until the application expires.

- 6.12.2 Except as otherwise provided, in all States that have ordered provisioning intervals but not addressed Firm Order intervals, the following shall apply. CGI shall indicate its intent to proceed with equipment installation in a BellSouth Premises by submitting a Firm Order to BellSouth. The BFFO must be received by BellSouth no later than thirty (30) calendar days after BellSouth’s Application Response to CGI’s Bona Fide application or the application will expire.
- 6.12.3 BellSouth will establish a firm order date based upon the date BellSouth is in receipt of a BFFO. BellSouth will acknowledge the receipt of CGI’s BFFO within seven (7) calendar days of receipt indicating that the BFFO has been received. A BellSouth response to a BFFO will include a Firm Order Confirmation containing the firm order date. No revisions will be made to a BFFO.

7. Construction and Provisioning

7.1 Construction and Provisioning Intervals

- 7.1.1 In North Carolina, BellSouth will complete construction for collocation arrangements within seventy-six (76) business days from receipt of an application or as agreed to by the Parties. Under extraordinary conditions, BellSouth will complete construction for collocation arrangements within ninety-one (91) business days. Examples of extraordinary conditions include, but are not limited to, extended license or permitting intervals; major BellSouth equipment rearrangement or addition; power plant addition or upgrade; major mechanical addition or upgrade; major upgrade for ADA compliance; environmental hazard or hazardous materials abatement; and arrangements for which equipment shipping intervals are extraordinary in length. In the event CGI submits a forecast as described in the following paragraph three (3) months or more prior to the application date, the above intervals shall apply. In the event CGI submits such a forecast between two (2) months and three (3) months prior to the application date, the above intervals may be extended by one (1) additional month. In the event CGI submits such a forecast less than two (2) months prior to the application date, the above intervals may be extended by sixty (60) calendar days.

BellSouth will attempt to meet standard intervals for unforecasted requests and any interval adjustments will be discussed with CGI at the time the application is received. Raw space, which is space lacking the necessary infrastructure to provide Collocation Space including but not limited to HVAC, Power, etc., conversion time frames fall outside the normal intervals and are negotiated on an individual case basis. Additionally, installations to existing collocation arrangements for line sharing or line splitting, which include adding cable, adding cable and splitter, and adding a splitter, will be forty five (45) business days from receipt of an application.

- 7.1.1.1 To be considered a timely and accurate forecast, CGI must submit to BellSouth the CLEC Collocation Forecast Form, as set forth in Exhibit B attached hereto, containing the following information: Central Office/Serving Wire Center CLLI, number of Caged square feet and/or Cageless bays, number of DS0, DS1, DS3 frame terminations, number of fused amps and planned application date.
- 7.1.2 In Alabama, BellSouth will complete construction for caged collocation arrangements as soon as possible within a maximum of ninety (90) calendar days from receipt of a BFFO or as agreed to by the Parties. BellSouth will complete construction for cageless collocation arrangements when preconditioned space is available within thirty (30) calendar days from receipt of a BFFO (ordinary conditions) or as agreed to by the Parties. Under extraordinary conditions, BellSouth will complete construction for cageless collocation arrangements as soon as possible within a maximum of ninety (90) calendar days from receipt of a BFFO or as agreed to by the Parties. Preconditioned space is defined as when all infrastructure is in place and only a record change is required to show that the space has been assigned to CGI. Ordinary conditions are defined as space available with only minor changes to support systems required, such as, but not limited to HVAC, cabling and the power plant(s). Extraordinary conditions are defined to include, but are not limited to, major BellSouth equipment rearrangement or addition; power plant addition or upgrade; major mechanical addition or upgrade; major upgrade for ADA compliance; environmental hazard or hazardous materials abatement; and arrangements for which equipment shipping intervals are extraordinary in length. The Parties may mutually agree to renegotiate an alternative provisioning interval or BellSouth may seek a waiver from this interval from the Commission.
- 7.1.3 In Florida, BellSouth will complete construction for collocation arrangements as soon as possible and within a maximum of ninety (90) calendar days from receipt of a BFFO or as agreed to by the Parties. For changes to the Collocation Space after initial space completion ("Augmentation"), BellSouth will complete construction for collocation arrangements as soon as possible and within a maximum of forty-five (45) calendar days from receipt of a BFFO or as agreed to by the Parties. If BellSouth does not believe that construction will be completed within the relevant time frame and BellSouth and CGI cannot agree upon a completion date, within forty-five (45) calendar days of receipt of the BFFO for an initial request, and within thirty (30) calendar days for Augmentations, BellSouth may seek an extension from the Florida Commission.

- 7.1.4 In Georgia, Kentucky, Mississippi and South Carolina, BellSouth will complete construction for caged collocation arrangements under ordinary conditions as soon as possible and within a maximum of ninety (90) calendar days from receipt of a BFFO or as agreed to by the Parties. BellSouth will complete construction for cageless collocation arrangements under ordinary conditions as soon as possible and within a maximum of sixty (60) calendar days from receipt of a BFFO and ninety (90) calendar days for extraordinary conditions or as agreed to by the Parties. Ordinary conditions are defined as space available with only minor changes to support systems required, such as but not limited to, HVAC, cabling and the power plant(s). Extraordinary conditions are defined to include but are not limited to major BellSouth equipment rearrangement or addition; power plant addition or upgrade; major mechanical addition or upgrade; major upgrade for ADA compliance; environmental hazard or hazardous materials abatement; and arrangements for which equipment shipping intervals are extraordinary in length. The Parties may mutually agree to renegotiate an alternative provisioning interval or BellSouth may seek a waiver from this interval from the Commission.
- 7.1.5 In Louisiana, BellSouth will complete construction for collocation arrangements under ordinary conditions as soon as possible and within a maximum of ninety (90) calendar days for caged and sixty (60) calendar days for cageless from receipt of a BFFO for an initial request, and within sixty (60) calendar days for an Augmentation, or as agreed to by the Parties. Ordinary conditions are defined as space available with only minor changes to support systems required, such as but not limited to, HVAC, cabling and the power plant(s). BellSouth will complete construction of all other Collocation Space ("extraordinary conditions") within one hundred twenty (120) calendar days for caged and ninety (90) calendar days for cageless from the receipt of a BFFO. Examples of extraordinary conditions include but are not limited to, extended license or permitting intervals; major BellSouth equipment rearrangement or addition; power plant addition or upgrade; major mechanical addition or upgrade; major upgrade for ADA compliance; environmental hazard or hazardous materials abatement; and arrangements for which equipment shipping intervals are extraordinary in length. The Parties may mutually agree to renegotiate an alternative provisioning interval or BellSouth may seek a waiver from this interval from the Commission.
- 7.1.6 In Tennessee, BellSouth will complete construction for collocation arrangements under ordinary conditions as follows: (i) for caged collocation arrangements, within a maximum of ninety (90) calendar days from receipt of a BFFO, or as agreed to by the Parties; (ii) for cageless collocation arrangements, within thirty (30) calendar days from receipt of a BFFO when there is conditioned space and CGI installs the bays/racks. In no event shall the provisioning interval for cageless collocation exceed ninety (90) calendar days from the receipt of a BFFO, unless otherwise agreed to by the parties. Under extraordinary conditions, BellSouth may elect to renegotiate an alternative provisioning interval with CGI or seek a waiver from this interval from the Commission. For the purpose of defining conditioned space as referenced in the Commission order setting intervals for cageless collocation in Tennessee, conditioned space is defined as follows: i) floor space must be available; ii) floor space must be

- equipped with adequate air conditioning to accommodate equipment listed on application; iii) Cable racking, any fiber duct, riser cable support structure and power cable support structure must be in place to support equipment listed on the application; and iv) power plant capacity at BDFB or main power board must be available. If LGX or DGX equipment is requested on the application and adequate existing capacity is not available then conditioned space is considered unavailable. If BellSouth is required by the application to place power cabling, conditioned space is considered unavailable.
- 7.2 Joint Planning. Joint planning between BellSouth and CGI will commence within a maximum of twenty (20) calendar days from BellSouth's receipt of a BFFO. BellSouth will provide the preliminary design of the Collocation Space and the equipment configuration requirements as reflected in the Bona Fide application and affirmed in the BFFO. The Collocation Space completion time period will be provided to CGI during joint planning.
- 7.3 Permits. Each Party or its agents will diligently pursue filing for the permits required for the scope of work to be performed by that Party or its agents within ten (10) calendar days of the completion of finalized construction designs and specifications.
- 7.4 Acceptance Walk Through. CGI will schedule and complete an acceptance walk through of each Collocation Space with BellSouth within fifteen (15) calendar days of BellSouth's notifying CGI that the Collocation Space is ready for occupancy (Space Ready Date). In the event that CGI fails to complete an acceptance walk through within this fifteen (15) day interval, the Collocation Space shall be deemed accepted by CGI. BellSouth will correct any deviations to CGI's original or jointly amended requirements within seven (7) calendar days after the walk through, unless the Parties jointly agree upon a different time frame.
- 7.5 Circuit Facility Assignments (CFAs). Unless otherwise specified, BellSouth will provide CFAs to CGI prior to the applicable provisioning interval set forth herein ("Provisioning Interval") for those Premises in which CGI has a physical collocation arrangement with no POT bay or with a POT bay provided by BellSouth prior to 6/1/99. BellSouth cannot provide CFAs to CGI prior to the Provisioning Interval for those Premises in which CGI has a physical collocation arrangement with a POT bay provided by CGI prior to 6/1/99 or a virtual collocation arrangement until CGI provides BellSouth with the following information:

For CGI-provided POT bay - a complete layout of the POT panels (equipment inventory update (EIU) form) showing locations, speeds, etc.

For virtual - a complete layout of CGI's equipment (equipment inventory update (EIU) form), including the locations of the low speed ports and the specific frame terminations to which the equipment will be wired by CGI's BellSouth Certified Supplier

BellSouth cannot begin work on the CFAs until the complete and accurate EIU form is received from CGI. If this EIU is provided ten (10) calendar days prior to the Provisioning Interval, then CFAs will be made available by the Provisioning Interval. If this EIU is not received ten (10) calendar days prior to the Provisioning Interval, then the CFAs will be provided within ten (10) calendar days of receipt of the EIU.

- 7.5.1 BellSouth will bill CGI a nonrecurring charge, as set forth in Exhibit C, each time CGI requests a resend of its CFAs.
- 7.6 Use of BellSouth Certified Supplier. CGI shall select a supplier which has been approved as a BellSouth Certified Supplier to perform all engineering and installation work. CGI and CGI's BellSouth Certified Supplier must follow and comply with all BellSouth requirements outlined in BellSouth's TR 73503, TR 73519, TR 73572, and TR 73564. In some cases, CGI must select separate BellSouth Certified Suppliers for transmission equipment, switching equipment and power equipment. BellSouth shall provide CGI with a list of BellSouth Certified Suppliers upon request. The BellSouth Certified Supplier(s) shall be responsible for installing CGI's equipment and components, extending power cabling to the BellSouth power distribution frame, performing operational tests after installation is complete, and notifying BellSouth's equipment engineers and CGI upon successful completion of installation, etc. The BellSouth Certified Supplier shall bill CGI directly for all work performed for CGI pursuant to this Attachment, and BellSouth shall have no liability for nor responsibility to pay such charges imposed by the BellSouth Certified Supplier. BellSouth shall consider certifying CGI or any supplier proposed by CGI. All work performed by or for CGI shall conform to generally accepted industry guidelines and standards.
- 7.7 Alarm and Monitoring. BellSouth shall place environmental alarms in the Premises for the protection of BellSouth equipment and facilities. CGI shall be responsible for placement, monitoring and removal of environmental and equipment alarms used to service CGI's Collocation Space. Upon request, BellSouth will provide CGI with applicable tariffed service(s) to facilitate remote monitoring of collocated equipment by CGI. Both Parties shall use best efforts to notify the other of any verified environmental condition known to that Party.
- 7.8 Virtual to Physical Collocation Relocation. In the event physical Collocation Space was previously denied at a location due to technical reasons or space limitations, and physical Collocation Space has subsequently become available, CGI may relocate its virtual collocation arrangements to physical collocation arrangements and pay the appropriate fees for physical collocation and for the rearrangement or reconfiguration of services terminated in the virtual collocation arrangement, as outlined in the appropriate BellSouth tariffs. In the event that BellSouth knows when additional space for physical collocation may become available at the location requested by CGI, such information will be provided to CGI in BellSouth's written denial of physical collocation. To the extent that (i) physical Collocation Space becomes available to CGI within one hundred eighty (180) calendar days of BellSouth's written denial of

- CGI's request for physical collocation, (ii) BellSouth had knowledge that the space was going to become available, and (iii) CGI was not informed in the written denial that physical Collocation Space would become available within such one hundred eighty (180) calendar days, then CGI may relocate its virtual collocation arrangement to a physical collocation arrangement and will receive a credit for any nonrecurring charges previously paid for such virtual collocation. CGI must arrange with a BellSouth Certified Supplier for the relocation of equipment from its virtual Collocation Space to its physical Collocation Space and will bear the cost of such relocation.
- 7.8.1 In Alabama, BellSouth will complete a relocation from virtual collocation to cageless physical collocation within sixty (60) calendar days and from virtual collocation to caged physical collocation within ninety (90) calendar days.
- 7.9 Virtual to Physical Conversion (In-Place). Virtual collocation arrangements may be converted to "in-place" physical arrangements if the potential conversion meets the following four criteria: 1) there is no change in the amount of equipment or the configuration of the equipment that was in the virtual collocation arrangement; 2) the conversion of the virtual collocation arrangement will not cause the equipment or the results of that conversion to be located in a space that BellSouth has reserved for its own future needs; 3) the converted arrangement does not limit BellSouth's ability to secure its own equipment and facilities due to the location of the virtual collocation arrangement; and 4) any changes to the arrangement can be accommodated by existing power, HVAC, and other requirements. Unless otherwise specified, BellSouth will complete virtual to in-place physical collocation conversions within sixty (60) calendar days. BellSouth will bill CGI an Administrative Only Application Fee as set forth in Exhibit C for these charges on the date that BellSouth provides an Application Response.
- 7.9.1 In Alabama and Tennessee, BellSouth will complete Virtual to Physical Conversions (In Place) within thirty (30) calendar days.
- 7.10 Cancellation. If, at any time prior to space acceptance, CGI cancels its order for the Collocation Space(s) ("Cancellation"), BellSouth will bill the applicable non-recurring rate for any and all work processes for which work has begun. In Georgia, if CGI cancels its order for Collocation Space at any time prior to space acceptance, BellSouth will bill CGI for all costs incurred prior to the date of Cancellation and for any costs incurred as a direct result of the Cancellation, not to exceed the total amount that would have been due had the order not been cancelled.
- 7.11 Licenses. CGI, at its own expense, will be solely responsible for obtaining from governmental authorities, and any other appropriate agency, entity, or person, all rights, privileges, and licenses necessary or required to operate as a provider of telecommunications services to the public or to occupy the Collocation Space.

- 7.12 Environmental Compliance. The Parties agree to utilize and adhere to the Environmental Hazard Guidelines identified in Exhibit A attached hereto.

8. Rates and Charges

- 8.1 Recurring Charges. The recurring charges for space preparation begin on the Space Ready Date or on the date CGI accepts the space, whichever is first.

- 8.2 Application Fee. BellSouth shall assess an application fee via a service order, which shall be issued at the time BellSouth responds that space is available pursuant to Section 6 (Application Response). Payment of said application fee will be due as dictated by CGI's current billing cycle and is non-refundable.

- 8.2.1 In Tennessee the applicable application fee is the planning fee for both Initial Applications and Subsequent Applications placed by CGI. This fee will be billed by Bellsouth on the date that BellSouth provides an Application Response.

- 8.3 Space Preparation. Space preparation fees consist of a nonrecurring charge for firm order processing and monthly recurring charges for central office modifications, assessed per arrangement, per square foot, and common systems modifications, assessed per arrangement, per square foot, for cageless collocation and per cage for caged collocation. CGI shall remit payment of the nonrecurring firm order-processing fee coincident with submission of a BFFO. The charges recover the costs associated with preparing the Collocation Space, which includes survey, engineering of the Collocation Space, design and modification costs for network, building and support systems. In the event CGI opts for cageless space, the space preparation fees will be assessed based on the total floor space dedicated to CGI as prescribed in this Section.

- 8.4 Cable Installation. Cable Installation Fee(s) are assessed per entrance cable placed. This non-recurring fee will be billed by BellSouth upon receipt of the CGI's BFFO.

- 8.5 Floor Space. The Floor Space Charge includes reasonable charges for lighting, HVAC, and other allocated expenses associated with maintenance of the Premises but does not include any power-related costs incurred by BellSouth. When the Collocation Space is enclosed, CGI shall pay floor space charges based upon the number of square feet so enclosed. When the Collocation Space is not enclosed, CGI shall pay floor space charges based upon the following floor space calculation: [(depth of the equipment lineup in which the rack is placed) + (0.5 x maintenance aisle depth) + (0.5 x wiring aisle depth)] X (width of rack and spacers). For purposes of this calculation, the depth of the equipment lineup shall consider the footprint of equipment racks plus any equipment overhang. BellSouth will assign unenclosed Collocation Space in conventional equipment rack lineups where feasible. In the event CGI's collocated equipment requires special cable racking, isolated grounding or other treatment which prevents placement within conventional equipment rack lineups, CGI shall be required to request an amount of floor space sufficient to accommodate the total equipment arrangement.

- 8.6 Power. BellSouth shall make available –48 Volt (-48V) DC power for CGI's Collocation Space at a BellSouth Power Board or BellSouth Battery Distribution Fuse Bay (BDFB) at CGI's option within the Premises.
- 8.6.1 When obtaining power from a BDFB, fuses and power cables (A&B) must be engineered (sized), and installed by CGI's BellSouth Certified Supplier. When obtaining power from a BellSouth power board, power cables (A&B) must be engineered (sized), and installed by CGI's BellSouth Certified Supplier. CGI is responsible for contracting with a BellSouth Certified Supplier for power distribution feeder cable runs from a BellSouth BDFB or power board to CGI's equipment. The determination of the BellSouth BDFB or BellSouth power board as the power source will be made at BellSouth's sole, but reasonable, discretion. The BellSouth Certified Supplier contracted by CGI must provide BellSouth a copy of the engineering power specification prior to the day on which CGI's equipment becomes operational. BellSouth will provide the common power feeder cable support structure between the BellSouth BDFB or power board and CGI's arrangement area. CGI shall contract with a BellSouth Certified Supplier who will be responsible for the following: dedicated power cable support structure within CGI's arrangement, power cable feeds, and terminations of cable. Any terminations at a BellSouth power board must be performed by a BellSouth Certified Supplier. CGI shall comply with all applicable National Electric Code (NEC), BellSouth TR73503, Telcordia and ANSI Standards regarding power cabling.
- 8.6.2 If CGI elects to install its own DC Power Plant, BellSouth shall provide AC power to feed CGI's DC Power Plant. Charges for AC power will be assessed per breaker ampere per month. Rates include the provision of commercial and standby AC power. When obtaining power from a BellSouth service panel, protection devices and power cables must be engineered (sized), and installed by CGI's BellSouth Certified Supplier except that BellSouth shall engineer and install protection devices and power cables for Adjacent Collocation. CGI's BellSouth Certified Supplier must also provide a copy of the engineering power specification prior to the equipment becoming operational. Charges for AC power shall be assessed pursuant to the rates specified in Exhibit C. AC power voltage and phase ratings shall be determined on a per location basis. At CGI's option, CGI may arrange for AC power in an Adjacent Collocation arrangement from a retail provider of electrical power.
- 8.6.3 In Tennessee, recurring charges for -48V DC power consumption will be assessed per ampere per month based upon the engineered and installed power feed fused ampere capacity. Rates include redundant feeder fuse positions (A&B) and common cable rack to CGI's equipment or space enclosure. CGI shall contract with a Certified Supplier who will be responsible for the following: dedicated power cable support structure within CGI's arrangement and terminations of cable within the Collocation Space.

- 8.6.3.1 In Tennessee, non-recurring charges for –48V DC power distribution will be based on the common power feeder cable support structure between the BellSouth BDFB and CGI's arrangement area.
- 8.6.4 In Alabama, Louisiana and South Carolina, CGI has the option to purchase power directly from an electric utility company. Under such an option, CGI is responsible for contracting with the electric utility company for its own power feed and meter, and is financially responsible for purchasing all equipment necessary to accomplish the arrangement, including inverters, batteries, power boards, bus bars, BDFBs, backup power supplies and cabling. The actual work to install this arrangement must be performed by a BellSouth Certified Supplier hired by CGI. CGI's BellSouth Certified Supplier must comply with all applicable safety codes, including the National Electric Safety Codes, in installing this power arrangement. Any floor space, cable racking, etc utilized by CGI in provisioning said power will be billed on an ICB basis.
- 8.6.5 If CGI requests a reduction in the amount of power that BellSouth is currently providing CGI must submit a Subsequent Application. If no modification to the Collocation Space is requested other than the reduction in power, the Subsequent Application Fee for Power Reduction as set forth in Exhibit C will apply. If modifications are requested in addition to the reduction of power the Subsequent Application Fee will apply. This non-recurring fee will be billed by BellSouth on the date that BellSouth provides an Application Response.
- 8.6.6 In Alabama, if CGI is currently served from the BellSouth power board and requests that its power be reconfigured to connect to a BellSouth BDFB, in a specific central office, CGI must submit a Subsequent Application. BellSouth will respond to such application within seven (7) calendar days and no application fee will apply.
- 8.7 Security Escort. A security escort will be required whenever CGI or its approved agent desires access to the entrance manhole or must have access to the Premises after the one accompanied site visit allowed pursuant to Section 5 prior to completing BellSouth's Security Training requirements. Rates for a security escort are assessed according to the schedule appended hereto as Exhibit C beginning with the scheduled escort time. BellSouth will wait for one-half (1/2) hour after the scheduled time for such an escort and CGI shall pay for such half-hour charges in the event CGI fails to show up.
- 8.8 Cable Record charges. These charges apply for work required to build cable records in BellSouth systems. The VG/DS0 per cable record charge is for a maximum of 3600 records. The Fiber cable record charge is for a maximum of 99 records. These non-recurring fees will be billed upon receipt of CGI's BFFO.
- 8.9 Other. If no rate is identified in the contract, the rate for the specific service or function will be negotiated by the Parties upon request by either Party.

9. Insurance

- 9.1 CGI shall, at its sole cost and expense, procure, maintain, and keep in force insurance as specified in this Section and underwritten by insurance companies licensed to do business in the states applicable under this Attachment and having a Best's Insurance Rating of A-.
- 9.2 CGI shall maintain the following specific coverage:
- 9.2.1 Commercial General Liability coverage in the amount of ten million dollars (\$10,000,000.00) or a combination of Commercial General Liability and Excess/Umbrella coverage totaling not less than ten million dollars (\$10,000,000.00). BellSouth shall be named as an Additional Insured on the Commercial General Liability policy as specified herein.
- 9.2.2 Statutory Workers Compensation coverage and Employers Liability coverage in the amount of one hundred thousand dollars (\$100,000.00) each accident, one hundred thousand dollars (\$100,000.00) each employee by disease, and five hundred thousand dollars (\$500,000.00) policy limit by disease.
- 9.2.3 All Risk Property coverage on a full replacement cost basis insuring all of CGI's real and personal property situated on or within BellSouth's Central Office location(s).
- 9.2.4 CGI may elect to purchase business interruption and contingent business interruption insurance, having been advised that BellSouth assumes no liability for loss of profit or revenues should an interruption of service occur.
- 9.3 The limits set forth in Section 9.2 above may be increased by BellSouth from time to time during the term of this Attachment upon thirty (30) calendar days notice to CGI to at least such minimum limits as shall then be customary with respect to comparable occupancy of BellSouth structures.
- 9.4 All policies purchased by CGI shall be deemed to be primary and not contributing to or in excess of any similar coverage purchased by BellSouth. All insurance must be in effect on or before the date equipment is delivered to BellSouth's Premises and shall remain in effect for the term of this Attachment or until all CGI's property has been removed from BellSouth's Premises, whichever period is longer. If CGI fails to maintain required coverage, BellSouth may pay the premiums thereon and seek reimbursement of same from CGI.
- 9.5 CGI shall submit certificates of insurance reflecting the coverage required pursuant to this Section a minimum of ten (10) business days prior to the commencement of any work in the Collocation Space. Failure to meet this interval may result in construction and equipment installation delays. CGI shall arrange for BellSouth to receive thirty (30) business days' advance notice of cancellation from CGI's insurance company. CGI shall forward a certificate of insurance and notice of cancellation/non-renewal to BellSouth at the following address:

BellSouth Telecommunications, Inc.
Attn.: Risk Management Coordinator
17H53 BellSouth Center
675 W. Peachtree Street
Atlanta, Georgia 30375

- 9.6 CGI must conform to recommendations made by BellSouth's fire insurance company to the extent BellSouth has agreed to, or shall hereafter agree to, such recommendations.
- 9.7 Self-Insurance. If CGI's net worth exceeds five hundred million dollars (\$500,000,000), CGI may elect to request self-insurance status in lieu of obtaining any of the insurance required in Sections 9.2.1 and 9.2.2. CGI shall provide audited financial statements to BellSouth thirty (30) calendar days prior to the commencement of any work in the Collocation Space. BellSouth shall then review such audited financial statements and respond in writing to CGI in the event that self-insurance status is not granted to CGI. If BellSouth approves CGI for self-insurance, CGI shall annually furnish to BellSouth, and keep current, evidence of such net worth that is attested to by one of CGI's corporate officers. The ability to self-insure shall continue so long as the CGI meets all of the requirements of this Section. If CGI subsequently no longer satisfies this Section, CGI is required to purchase insurance as indicated by Sections 9.2.1 and 9.2.2.
- 9.8 The net worth requirements set forth in Section 9.7 may be increased by BellSouth from time to time during the term of this Attachment upon thirty (30) calendar days' notice to CGI to at least such minimum limits as shall then be customary with respect to comparable occupancy of BellSouth structures.
- 9.9 Failure to comply with the provisions of this Section will be deemed a material breach of this Attachment.
- 10. Mechanics Liens**
- 10.1 If any mechanics lien or other liens shall be filed against property of either Party (BellSouth or CGI), or any improvement thereon by reason of or arising out of any labor or materials furnished or alleged to have been furnished or to be furnished to or for the other Party or by reason of any changes, or additions to said property made at the request or under the direction of the other Party, the other Party directing or requesting those changes shall, within thirty (30) business days after receipt of written notice from the Party against whose property said lien has been filed, either pay such lien or cause the same to be bonded off the affected property in the manner provided by law. The Party causing said lien to be placed against the property of the other shall also defend, at its sole cost and expense, on behalf of the other, any action, suit or proceeding which may be brought for the enforcement of such liens and shall pay any damage and discharge any judgment entered thereon.

11. Inspections

- 11.1 BellSouth may conduct an inspection of CGI's equipment and facilities in the Collocation Space(s) prior to the activation of facilities between CGI's equipment and equipment of BellSouth. BellSouth may conduct an inspection if CGI adds equipment and may otherwise conduct routine inspections at reasonable intervals mutually agreed upon by the Parties. BellSouth shall provide CGI with a minimum of forty-eight (48) hours or two (2) business days, whichever is greater, advance notice of all such inspections. All costs of such inspection shall be borne by BellSouth.

12. Security and Safety Requirements

- 12.1 Unless otherwise specified, CGI will be required, at its own expense, to conduct a statewide investigation of criminal history records for each CGI employee hired in the past five years being considered for work on the BellSouth Premises, for the states/counties where the CGI employee has worked and lived for the past five years. Where state law does not permit statewide collection or reporting, an investigation of the applicable counties is acceptable. CGI shall not be required to perform this investigation if an affiliated company of CGI has performed an investigation of the CGI employee seeking access, if such investigation meets the criteria set forth above. This requirement will not apply if CGI has performed a pre-employment statewide investigation of criminal history records of the CGI employee for the states/counties where the CGI employee has worked and lived for the past five years or, where state law does not permit a statewide investigation, an investigation of the applicable counties.
- 12.2 CGI will be required to administer to its personnel assigned to the BellSouth Premises security training either provided by BellSouth, or meeting criteria defined by BellSouth.
- 12.3 CGI shall provide its employees and agents with picture identification, which must be worn and visible at all times while in the Collocation Space or other areas in or around the Premises. The photo identification card shall bear, at a minimum, the employee's name and photo and CGI's name. BellSouth reserves the right to remove from its Premises any employee of CGI not possessing identification issued by CGI or who has violated any of BellSouth's policies as outlined in the CLEC Security Training documents. CGI shall hold BellSouth harmless for any damages resulting from such removal of its personnel from BellSouth Premises. CGI shall be solely responsible for ensuring that any Guest of CGI is in compliance with all subsections of this Section.
- 12.4 CGI shall not assign to the BellSouth Premises any personnel with records of felony criminal convictions. CGI shall not assign to the BellSouth Premises any personnel with records of misdemeanor convictions, except for misdemeanor traffic violations, without advising BellSouth of the nature and gravity of the offense(s). BellSouth reserves the right to refuse building access to any CGI personnel who have been

- identified to have misdemeanor criminal convictions. Notwithstanding the foregoing, in the event that CGI chooses not to advise BellSouth of the nature and gravity of any misdemeanor conviction, CGI may, in the alternative, certify to BellSouth that it shall not assign to the BellSouth Premises any personnel with records of misdemeanor convictions (other than misdemeanor traffic violations).
- 12.4.1 CGI shall not knowingly assign to the BellSouth Premises any individual who was a former employee of BellSouth and whose employment with BellSouth was terminated for a criminal offense whether or not BellSouth sought prosecution of the individual for the criminal offense.
- 12.4.2 CGI shall not knowingly assign to the BellSouth Premises any individual who was a former supplier of BellSouth and whose access to a BellSouth Premises was revoked due to commission of a criminal offense whether or not BellSouth sought prosecution of the individual for the criminal offense.
- 12.5 For each CGI employee or agent hired by CGI within five years of being considered for work on the BellSouth Premises, who requires access to a BellSouth Premises pursuant to this Attachment, CGI shall furnish BellSouth, prior to an employee or agent gaining such access, a certification that the aforementioned background check and security training were completed. The certification will contain a statement that no felony convictions were found and certifying that the security training was completed by the employee. If the employee's criminal history includes misdemeanor convictions, CGI will disclose the nature of the convictions to BellSouth at that time. In the alternative, CGI may certify to BellSouth that it shall not assign to the BellSouth Premises any personnel with records of misdemeanor convictions other than misdemeanor traffic violations.
- 12.5.1 For all other CGI employees requiring access to a BellSouth Premises pursuant to this Attachment, CGI shall furnish BellSouth, prior to an employee gaining such access, a certification that the employee is not subject to the requirements of Section 12.5 above and that security training was completed by the employee.
- 12.6 At BellSouth's request, CGI shall promptly remove from BellSouth's Premises any employee of CGI BellSouth does not wish to grant access to its Premises 1) pursuant to any investigation conducted by BellSouth or 2) prior to the initiation of an investigation if an employee of CGI is found interfering with the property or personnel of BellSouth or another collocated telecommunications carrier, provided that an investigation shall promptly be commenced by BellSouth.
- 12.7 Notification to BellSouth. BellSouth reserves the right to interview CGI's employees, agents, or suppliers in the event of wrongdoing in or around BellSouth's property or involving BellSouth's or another telecommunications carrier's property or personnel, provided that BellSouth shall provide reasonable notice to CGI's Security contact of such interview. CGI and its suppliers shall reasonably cooperate with BellSouth's investigation into allegations of wrongdoing or criminal conduct committed by,

- witnessed by, or involving CGI's employees, agents, or suppliers. Additionally, BellSouth reserves the right to bill CGI for all reasonable costs associated with investigations involving its employees, agents, or suppliers if it is established and mutually agreed in good faith that CGI's employees, agents, or suppliers are responsible for the alleged act. BellSouth shall bill CGI for BellSouth property, which is stolen or damaged where an investigation determines the culpability of CGI's employees, agents, or suppliers and where CGI agrees, in good faith, with the results of such investigation. CGI shall notify BellSouth in writing immediately in the event that CGI discovers one of its employees already working on the BellSouth Premises is a possible security risk. Upon request of the other Party, the Party who is the employer shall discipline consistent with its employment practices, up to and including removal from BellSouth Premises, any employee found to have violated the security and safety requirements of this Section. CGI shall hold BellSouth harmless for any damages resulting from such removal of its personnel from BellSouth Premises.
- 12.8 Use of Supplies. Unauthorized use of equipment, supplies or other property by either Party, whether or not used routinely to provide telephone service will be strictly prohibited and handled appropriately. Costs associated with such unauthorized use may be charged to the offending Party, as may be all associated investigative costs.
- 12.9 Use of Official Lines. Except for non-toll calls necessary in the performance of their work, neither Party shall use the telephones of the other Party on the BellSouth Premises. Charges for unauthorized telephone calls may be charged to the offending Party, as may be all associated investigative costs.
- 12.10 Accountability. Full compliance with the Security requirements of this Section shall in no way limit the accountability of either Party to the other for the improper actions of its employees.
- 13. Destruction of Collocation Space**
- 13.1 In the event a Collocation Space is wholly or partially damaged by fire, windstorm, tornado, flood or by similar causes to such an extent as to be rendered wholly unsuitable for CGI's permitted use hereunder, then either Party may elect within ten (10) calendar days after such damage, to terminate occupancy of the damaged Collocation Space, and if either Party shall so elect, by giving the other written notice of termination, both Parties shall stand released of and from further liability under the terms hereof. If the Collocation Space shall suffer only minor damage and shall not be rendered wholly unsuitable for CGI's permitted use, or is damaged and the option to terminate is not exercised by either Party, BellSouth covenants and agrees to proceed promptly without expense to CGI, except for improvements not the property of BellSouth, to repair the damage. BellSouth shall have a reasonable time within which to rebuild or make any repairs, and such rebuilding and repairing shall be subject to delays caused by storms, shortages of labor and materials, government regulations, strikes, walkouts, and causes beyond the control of BellSouth, which causes shall not

be construed as limiting factors, but as exemplary only. CGI may, at its own expense, accelerate the rebuild of its collocated space and equipment provided however that a BellSouth Certified Supplier is used and the necessary space preparation has been completed. If CGI's acceleration of the project increases the cost of the project, then those additional charges will be incurred by CGI. Where allowed and where practical, CGI may erect a temporary facility while BellSouth rebuilds or makes repairs. In all cases where the Collocation Space shall be rebuilt or repaired, CGI shall be entitled to an equitable abatement of rent and other charges, depending upon the unsuitability of the Collocation Space for CGI's permitted use, until such Collocation Space is fully repaired and restored and CGI's equipment installed therein (but in no event later than thirty (30) calendar days after the Collocation Space is fully repaired and restored). Where CGI has placed an Adjacent Arrangement pursuant to Section 3, CGI shall have the sole responsibility to repair or replace said Adjacent Arrangement provided herein. Pursuant to this Section, BellSouth will restore the associated services to the Adjacent Arrangement.

14. Eminent Domain

- 14.1 If the whole of a Collocation Space or Adjacent Arrangement shall be taken by any public authority under the power of eminent domain, then this Attachment shall terminate with respect to such Collocation Space or Adjacent Arrangement as of the day possession shall be taken by such public authority and rent and other charges for the Collocation Space or Adjacent Arrangement shall be paid up to that day with proportionate refund by BellSouth of such rent and charges as may have been paid in advance for a period subsequent to the date of the taking. If any part of the Collocation Space or Adjacent Arrangement shall be taken under eminent domain, BellSouth and CGI shall each have the right to terminate this Attachment with respect to such Collocation Space or Adjacent Arrangement and declare the same null and void, by written notice of such intention to the other Party within ten (10) calendar days after such taking.

15. Nonexclusivity

- 15.1 CGI understands that this Attachment is not exclusive and that BellSouth may enter into similar agreements with other Parties. Assignment of space pursuant to all such agreements shall be determined by space availability and made on a first come, first served basis

ENVIRONMENTAL AND SAFETY PRINCIPLES

The following principles provide basic guidance on environmental and safety issues when applying for and establishing Physical Collocation arrangements.

1. GENERAL PRINCIPLES

- 1.1 Compliance with Applicable Law. BellSouth and CGI agree to comply with applicable federal, state, and local environmental and safety laws and regulations including U.S. Environmental Protection Agency (USEPA) regulations issued under the Clean Air Act (CAA), Clean Water Act (CWA), Resource Conservation and Recovery Act (RCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Superfund Amendments and Reauthorization Act (SARA), the Toxic Substances Control Act (TSCA), and OSHA regulations issued under the Occupational Safety and Health Act of 1970, as amended and NFPA and National Electrical Codes (NEC) and the NESC (“Applicable Laws”). Each Party shall notify the other if compliance inspections are conducted by regulatory agencies and/or citations are issued that relate to any aspect of this Attachment.
- 1.2 Notice. BellSouth and CGI shall provide notice to the other, including Material Safety Data Sheets (MSDSs), of known and recognized physical hazards or Hazardous Chemicals existing on site or brought on site. A Hazardous Chemical inventory list is posted on an OSHA Poster and updated annually at each Central Office. This Poster is normally located near the front entrance of the building or in the lounge area. Each Party is required to provide specific notice for known potential Imminent Danger conditions. CGI should contact 1-800-743-6737 for any BellSouth MSDS required.
- 1.3 Practices/Procedures. BellSouth may make available additional environmental control procedures for CGI to follow when working at a BellSouth Premises (See Section 2, below). These practices/procedures will represent the regular work practices required to be followed by the employees and suppliers of BellSouth for environmental protection. CGI will require its suppliers, agents and others accessing the BellSouth Premises to comply with these practices. Section 2 lists the Environmental categories where BST practices should be followed by CGI when operating in the BellSouth Premises.
- 1.4 Environmental and Safety Inspections. BellSouth reserves the right to inspect the CGI space with proper notification. BellSouth reserves the right to stop any CGI work operation that imposes Imminent Danger to the environment, employees or other persons in the area or Premises.
- 1.5 Hazardous Materials Brought On Site. Any hazardous materials brought into, used, stored or abandoned at the BellSouth Premises by CGI are owned by CGI. CGI will

indemnify BellSouth for claims, lawsuits or damages to persons or property caused by these materials. Without prior written BellSouth approval, no substantial new safety or environmental hazards can be created by CGI or different hazardous materials used by CGI at BellSouth Premises. CGI must demonstrate adequate emergency response capabilities for its materials used or remaining at the BellSouth Premises.

- 1.6 Spills and Releases. When contamination is discovered at a BellSouth Premises, the Party discovering the condition must notify BellSouth. All Spills or Releases of regulated materials will immediately be reported by CGI to BellSouth.
- 1.7 Coordinated Environmental Plans and Permits. BellSouth and CGI will coordinate plans, permits or information required to be submitted to government agencies, such as emergency response plans, spill prevention control and countermeasures (SPCC) plans and community reporting. If fees are associated with filing, BellSouth and CGI will develop a cost sharing procedure. If BellSouth's permit or EPA identification number must be used, CGI must comply with all of BellSouth's permit conditions and environmental processes, including environmental "best management practices (BMP)" (see Section 2, below) and/or selection of BST disposition vendors and disposal sites.
- 1.8 Environmental and Safety Indemnification. BellSouth and CGI shall indemnify, defend and hold harmless the other Party from and against any claims (including, without limitation, third-party claims for personal injury or death or real or personal property damage), judgments, damages (including direct and indirect damages and punitive damages), penalties, fines, forfeitures, costs, liabilities, interest and losses arising in connection with the violation or alleged violation of any Applicable Law or contractual obligation or the presence or alleged presence of contamination arising out of the acts or omissions of the indemnifying Party, its agents, suppliers, or employees concerning its operations at the Premises.

2. CATEGORIES FOR CONSIDERATION OF ENVIRONMENTAL ISSUES

- 2.1 When performing functions that fall under the following Environmental categories on BellSouth's Premises, CGI agrees to comply with the applicable sections of the current issue of BellSouth's Environmental and Safety Methods and Procedures (M&Ps), incorporated herein by this reference. CGI further agrees to cooperate with BellSouth to ensure that CGI's employees, agents, and/or suppliers are knowledgeable of and satisfy those provisions of BellSouth's Environmental M&Ps which apply to the specific Environmental function being performed by CGI, its employees, agents and/or suppliers.
- 2.2 The most current version of the reference documentation must be requested from CGI's BellSouth Account Team Collocation Coordinator (ATCC) Representative.

ENVIRONMENTAL CATEGORIES	ENVIRONMENTAL ISSUES	ADDRESSED BY THE FOLLOWING DOCUMENTATION
Disposal of hazardous material or other regulated material (e.g., batteries, fluorescent tubes, solvents & cleaning materials)	Compliance with all applicable local, state, & federal laws and regulations Pollution liability insurance EVET approval of supplier	Std T&C 450 Fact Sheet Series 17000 Std T&C 660-3 Approved Environmental Vendor List (Contact ATCC Representative)
Emergency response	Hazmat/waste release/spill fire safety emergency	Fact Sheet Series 17000 Building Emergency Operations Plan (EOP) (specific to and located on Premises)
Contract labor/outsourcing for services with environmental implications to be performed on BellSouth Premises (e.g., disposition of hazardous material/waste; maintenance of storage tanks)	Compliance with all applicable local, state, & federal laws and regulations Performance of services in accordance with BST's environmental M&Ps Insurance	Std T&C 450 Std T&C 450-B (Contact ATCC Representative for copy of appropriate E/S M&Ps.) Std T&C 660
Transportation of hazardous material	Compliance with all applicable local, state, & federal laws and regulations Pollution liability insurance EVET approval of supplier	Std T&C 450 Fact Sheet Series 17000 Std T&C 660-3 Approved Environmental Vendor List (Contact ATCC Representative)
Maintenance/operations work which may produce a waste Other maintenance work	Compliance with all applicable local, state, & federal laws and regulations Protection of BST employees and equipment	Std T&C 450 29CFR 1910.147 (OSHA Standard) 29CFR 1910 Subpart O

		(OSHA Standard)
Janitorial services	<p>All waste removal and disposal must conform to all applicable federal, state and local regulations</p> <p>All Hazardous Material and Waste</p> <p>Asbestos notification and protection of employees and equipment</p>	<p>Procurement Manager (CRES Related Matters)-BST Supply Chain Services</p> <p>Fact Sheet Series 17000</p> <p>GU-BTEN-001BT, Chapter 3 BSP 010-170-001BS (Hazcom)</p>
Manhole cleaning	<p>Compliance with all applicable local, state, & federal laws and regulations</p> <p>Pollution liability insurance</p> <p>EVET approval of supplier</p>	<p>Std T&C 450 Fact Sheet 14050 BSP 620-145-011PR Issue A, August 1996</p> <p>Std T&C 660-3</p> <p>Approved Environmental Vendor List (Contact ATCC Representative)</p>
Removing or disturbing building materials that may contain asbestos	Asbestos work practices	<p>GU-BTEN-001BT, Chapter 3 For questions regarding removing or disturbing materials that contain asbestos, call the BellSouth Building Service Center: AL, MS, TN, KY & LA (local area code) 557-6194 FL, GA, NC & SC (local area code) 780-2740</p>

3. DEFINITIONS

Generator. Under RCRA, the person whose act produces a Hazardous Waste, as defined in 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.

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.

Version 2Q02: 05-31-02

Hazardous Waste. As defined in Section 1004 of RCRA.

Imminent Danger. Any conditions or practices at a facility which are such that a danger exists which could reasonably be expected to cause immediate death or serious harm to people or immediate significant damage to the environment or natural resources.

Spill or Release. As defined in Section 101 of CERCLA.

4. ACRONYMS

ATCC – Account Team Collocation Coordinator

BST – BellSouth Telecommunications

CRES – Corporate Real Estate and Services (formerly PS&M)

DEC/LDEC - Department Environmental Coordinator/Local Department Environmental Coordinator

E/S – Environmental/Safety

EVET - Environmental Vendor Evaluation Team

GU-BTEN-001BT - BellSouth Environmental Methods and Procedures

NESC - National Electrical Safety Codes

P&SM - Property & Services Management

Std T&C - Standard Terms & Conditions

THREE MONTH CLEC COLLOCATION FORECAST

CLEC NAME _____

DATE _____

STATE	Central Office/City	CAG ED Sq. Ft.	CAGELESS # Bays		FRAME TERMINATI ONS	CLEC Provided BDFB-- Amps Load	BST Provided BDFB--- Amps Load	Heat Dissipation BTU/Hour	Entrance Facilities # sheaths & # fibers	Proposed Applicatio n Date	NOTES
			Standard Bays*	Non- Standard Bays**							
<p>*Standard bays are defined as racks, bays or cabinets, including equipment and cable, with measurements equal to or less than the following: Width - 26", Depth - 12". The standard height for all collocated equipment bays in BellSouth is 7' 0".</p> <p>** Any forecast for non-standard cageless bays must include an attachment describing the quantity and width and depth measurements.</p>											

Notes: Forecast information will be used for no other purpose than collocation planning.

Attachment 4

Remote Site Physical Collocation

BELLSOUTH
REMOTE SITE PHYSICAL COLLOCATION

1. Scope of Attachment

- 1.1 Scope of Attachment. The rates, terms, and conditions contained within this Attachment shall only apply when CGI is occupying the Remote Collocation Space as a sole occupant or as a Host within a Remote Site Location pursuant to this Attachment.
- 1.2 Right to occupy. BellSouth shall offer to CGI Remote Site Collocation on rates, terms, and conditions that are just, reasonable, non-discriminatory and consistent with the rules of the Federal Communications Commission ("FCC"). Subject to the rates, terms, and conditions of this Attachment where space is available and collocation is technically feasible, BellSouth will allow CGI to occupy that certain area designated by BellSouth within a BellSouth Remote Site Location, or on BellSouth property upon which the BellSouth Remote Site Location is located, of a size, which is specified by CGI and agreed to by BellSouth (hereinafter "Remote Collocation Space"). BellSouth Remote Site Locations include cabinets, huts, and controlled environmental vaults owned or leased by BellSouth that house BellSouth Network Facilities. To the extent this Attachment does not include all the necessary rates, terms and conditions for BellSouth remote locations other than cabinets, huts and controlled environmental vaults, the Parties will negotiate said rates, terms, and conditions upon request for collocation at BellSouth remote locations other than those specified above.
- 1.3 Space Reservation.
- 1.3.1 In all states other than Florida, the number of racks/bays specified by CGI may contemplate a request for space sufficient to accommodate CGI's growth within a two year period.
- 1.3.2 In the state of Florida, the number of racks/bays specified by CGI may contemplate a request for space sufficient to accommodate CGI's growth within an eighteen (18) month period.
- 1.3.3 Neither BellSouth nor any of BellSouth's affiliates may reserve space for future use on more preferential terms than those set forth above.
- 1.4 Third Party Property. If the Premises, or the property on which it is located, is leased by BellSouth from a Third Party or otherwise controlled by a Third Party, special considerations and intervals may apply in addition to the terms and conditions of this

Attachment. Additionally, where BellSouth notifies CGI that BellSouth's agreement with a Third Party does not grant BellSouth the ability to provide access and use rights to others, upon CGI's request, BellSouth will use its best efforts to obtain the owner's consent and to otherwise secure such rights for CGI. CGI agrees to reimburse BellSouth for the reasonable and demonstrable costs incurred by BellSouth in obtaining such rights for CGI. In cases where a Third Party agreement does not grant BellSouth the right to provide access and use rights to others as contemplated by this Attachment and BellSouth, despite its best efforts, is unable to secure such access and use rights for CGI as above, CGI shall be responsible for obtaining such permission to access and use such property. BellSouth shall cooperate with CGI in obtaining such permission.

- 1.5 Space Reclamation. In the event of space exhaust within a Remote Site Location, BellSouth may include in its documentation for the Petition for Waiver filing any unutilized space in the Remote Site Location. CGI will be responsible for any justification of unutilized space within its Remote Collocation Space, if the appropriate state commission requires such justification.
- 1.6 Use of Space. CGI shall use the Remote Collocation Space for the purposes of installing, maintaining and operating CGI's equipment (to include testing and monitoring equipment) necessary for interconnection with BellSouth services and facilities or for accessing BellSouth unbundled network elements (UNEs) for the provision of telecommunications services, as specifically set forth in this Attachment. The Remote Collocation Space may be used for no other purposes except as specifically described herein or in any amendment hereto.
- 1.7 Rates and charges. CGI agrees to pay the rates and charges identified in Exhibit C attached hereto.
- 1.8 If any due date contained in this Attachment falls on a weekend or National holiday, then the due date will be the next business day thereafter. For intervals of ten (10) days or less National holidays will be excluded.
- 1.9 The Parties agree to comply with all applicable federal, state, county, local and administrative laws, rules, ordinances, regulations and codes in the performance of their obligations hereunder.

2. Space Availability Report

- 2.1 Space Availability Report. Upon request from CGI, BellSouth will provide a written report ("Space Availability Report"), describing in detail the space that is available for collocation and specifying the amount of Remote Collocation Space available at the Remote Site Location requested, the number of collocators present at the Remote Site Location, any modifications in the use of the space since the last report on the Remote Site Location requested and the measures BellSouth is taking to make additional space

available for collocation arrangements. A Space Availability Report does not reserve space at the Remote Site Location.

- 2.1.1 The request from CGI for a Space Availability Report must be written and must include the Common Language Location Identification (“CLLI”) code for both the Remote Site Location and the serving central office. The CLLI code information for the serving central office is located in the National Exchange Carriers Association (NECA) Tariff FCC No. 4. If CGI is unable to obtain the CLLI code from, for example, a site visit to the remote site, CGI may request the CLLI code from BellSouth. To obtain a CLLI code for a remote site directly from BellSouth, CGI should submit to BellSouth a Remote Site Interconnection Request for Remote Site CLLI Code prior to submitting its request for a Space Availability Report. CGI should complete all the requested information and submit the Request with the applicable fee to BellSouth.
- 2.1.2 BellSouth will respond to a request for a Space Availability Report for a particular Remote Site Location within ten (10) calendar days of receipt of such request. BellSouth will make best efforts to respond in ten (10) calendar days to such a request when the request includes from two (2) to five (5) Remote Site Locations within the same state. The response time for requests of more than five (5) Remote Site Locations shall be negotiated between the Parties. If BellSouth cannot meet the ten (10) calendar day response time, BellSouth shall notify CGI and inform CGI of the time frame under which it can respond.
- 2.2 Remote Terminal information. Upon request, BellSouth will provide CGI with the following information concerning BellSouth’s remote terminals: (i) the address of the remote terminal; (ii) the CLLI code of the remote terminal; (iii) the carrier serving area of the remote terminal; (iv) the designation of which remote terminals subtend a particular central office; and (v) the number and address of customers that are served by a particular remote terminal.
- 2.2.1 BellSouth will provide this information on a first come, first served basis within thirty (30) calendar days of a CGI request subject to the following conditions: (i) the information will only be provided on a CD in the same format in which it appears in BellSouth’s systems; (ii) the information will only be provided for each serving wire center designated by CGI, up to a maximum of thirty (30) wire centers per CGI request per month per state, and up to for a maximum of 120 wire centers total per month per state for all CLECs; and (iii) CGI agrees to pay the costs incurred by BellSouth in providing the information.
3. Collocation Options
- 3.1 Cageless. BellSouth shall allow CGI to collocate CGI’s equipment and facilities without requiring the construction of a cage or similar structure. BellSouth shall allow CGI to have direct access to CGI’s equipment and facilities. BellSouth shall make

- cageless collocation available in single rack/bay increments. Except where CGI's equipment requires special technical considerations (e.g., special cable racking, isolated ground plane, etc.), BellSouth shall assign cageless Remote Collocation Space in conventional equipment rack lineups where feasible. For equipment requiring special technical considerations, CGI must provide the equipment layout, including spatial dimensions for such equipment pursuant to generic requirements contained in Telcordia GR-63-Core, and shall be responsible for compliance with all special technical requirements associated with such equipment pursuant.
- 3.2 Caged. At CGI's expense, CGI may arrange with a Supplier certified by BellSouth ("Certified Supplier") to construct a collocation arrangement enclosure, where technically feasible as that term has been defined by the FCC, in accordance with BellSouth's guidelines and specifications prior to starting equipment installation. BellSouth will provide guidelines and specifications upon request. CGI's Certified Supplier shall be responsible for filing and receiving any and all necessary permits and/or licenses for such construction. BellSouth shall cooperate with CGI and provide, at CGI's expense, the documentation, including existing building architectural drawings, enclosure drawings, and specifications required and necessary for CGI to obtain the zoning, permits and/or other licenses. CGI's Certified Supplier shall bill CGI directly for all work performed for CGI pursuant to this Attachment and BellSouth shall have no liability for nor responsibility to pay such charges imposed by CGI's Certified Supplier. CGI must provide the local BellSouth Remote Site Location contact with two Access Keys used to enter the locked enclosure. Except in case of emergency, BellSouth will not access CGI's locked enclosure prior to notifying CGI. Upon request, BellSouth shall construct the enclosure for CGI.
- 3.2.1 BellSouth may elect to review CGI's plans and specifications prior to allowing construction to start to ensure compliance with BellSouth's guidelines and specifications. Notification to CGI indicating BellSouth's desire to execute this review will be provided in BellSouth's response to the Initial Application, if CGI has indicated their desire to construct their own enclosure. If CGI's Initial Application does not indicate their desire to construct their own enclosure, but their subsequent firm order does indicate their desire to construct their own enclosure, then notification to review will be given within ten (10) calendar days after the Firm Order date. BellSouth shall complete its review within fifteen (15) calendar days after the receipt of the plans and specifications. Regardless of whether or not BellSouth elects to review CGI's plans and specifications, BellSouth reserves the right to inspect the enclosure after construction to make sure it is constructed according to the submitted plans and specifications and/or BellSouth's guidelines and specifications, as applicable. BellSouth shall require CGI to remove or correct within seven (7) calendar days at CGI's expense any structure that does not meet these plans and specifications or, where applicable, BellSouth guidelines and specifications.
- 3.3 Shared Collocation. CGI may allow other telecommunications carriers to share CGI's Remote Collocation Space pursuant to terms and conditions agreed to by CGI

- (“Host”) and other telecommunications carriers (“Guests”) and pursuant to this Section, except where the BellSouth Remote Site Location is located within a leased space and BellSouth is prohibited by said lease from offering such an option or is located on property for which BellSouth holds an easement and such easement does not permit such an option. CGI shall notify BellSouth in writing upon execution of any agreement between the Host and its Guest within ten (10) calendar days of its execution and prior to any Firm Order. Further, such notice shall include the name of the Guest(s) and the term of the agreement, and shall contain a certification by CGI that said agreement imposes upon the Guest(s) the same terms and conditions for Remote Collocation Space as set forth in this Attachment between BellSouth and CGI.
- 3.3.1 CGI, as the Host, shall be the sole interface and responsible Party to BellSouth for assessment of rates and charges contained within this Attachment and for the purposes of ensuring that the safety and security requirements of this Attachment are fully complied with by the Guest, its employees and agents. BellSouth shall provide CGI with a proration of the costs of the Remote Collocation Space based on the number of collocators and the space used by each with a minimum charge of one (1) bay/rack per Host/Guest. In those instances where the Host permits a Guest to use a shelf within the Host’s bay, BellSouth will not prorate the cost of the bay. In all states other than Florida, and in addition to the foregoing, CGI shall be the responsible party to BellSouth for the purpose of submitting applications for initial and additional equipment placement of Guest. In Florida the Guest may directly submit initial and additional equipment placement applications using the Host’s access carrier name abbreviation (ACNA). A separate Guest application shall require the assessment of an Initial or Subsequent Application Fee, as set forth in Exhibit C, which will be charged to the Host. BellSouth shall bill this non-recurring fee on the date that BellSouth provides its written response (“Application Response”).
- 3.3.2 Notwithstanding the foregoing, the Guest may arrange directly with BellSouth for the provision of the interconnecting facilities between BellSouth and the Guest and for the provision of the services and access to unbundled network elements. The bill for these interconnecting facilities, services and access to UNEs will be charged to the Guest pursuant to the applicable tariff or the Guest’s Interconnection Agreement with BellSouth.
- 3.3.3 CGI shall indemnify and hold harmless BellSouth from any and all claims, actions, causes of action, of whatever kind or nature arising out of the presence of CGI’s Guests in the Remote Collocation Space except to the extent caused by BellSouth’s sole negligence, gross negligence, or willful misconduct.
- 3.4 Adjacent Collocation. Subject to technical feasibility and space availability, BellSouth will permit adjacent Remote Site collocation arrangements (“Remote Site Adjacent Arrangement”) on the property on which the Remote Site is located, where the Remote Site Adjacent Arrangement does not interfere with access to existing or planned structures or facilities on the Remote Site Location property. The Remote

- Site Adjacent Arrangement shall be constructed or procured by CGI and in conformance with BellSouth's design and construction specifications. Further, CGI shall construct, procure, maintain and operate said Remote Site Adjacent Arrangement(s) pursuant to all of the terms and conditions set forth in this Attachment. Rates shall be negotiated at the time of the application for the Remote Site Adjacent Arrangement.
- 3.4.1 Should CGI elect Adjacent Collocation, CGI must arrange with a Certified Supplier to construct a Remote Site Adjacent Arrangement structure in accordance with BellSouth's guidelines and specifications. Where local building codes require enclosure specifications more stringent than BellSouth's standard specification, CGI and CGI's Certified Supplier must comply with local building code requirements. CGI's Certified Supplier shall be responsible for filing and receiving any and all necessary zoning, permits and/or licenses for such construction. CGI's Certified Supplier shall bill CGI directly for all work performed for CGI pursuant to this Attachment and BellSouth shall have no liability for nor responsibility to pay such charges imposed by CGI's Certified Supplier. CGI must provide the local BellSouth Remote Site Location contact with two cards, keys or other access device used to enter the locked enclosure. Except in cases of emergency, BellSouth shall not access CGI's locked enclosure prior to notifying CGI.
- 3.4.2 CGI must submit its plans and specifications to BellSouth with its Firm Order. BellSouth shall review CGI's plans and specifications prior to construction of a Remote Site Adjacent Arrangement(s) to ensure compliance with BellSouth's guidelines and specifications. BellSouth shall complete its review within fifteen (15) calendar days after receipt of plans and specifications. BellSouth may inspect the Remote Site Adjacent Arrangement(s) during and after construction to confirm it is constructed according to the submitted plans and specifications. BellSouth shall require CGI to remove or correct within seven (7) calendar days at CGI's expense any structure that does not meet these plans and specifications.
- 3.4.3 CGI shall provide a concrete pad, the structure housing the arrangement, heating/ventilation/air conditioning ("HVAC"), lighting, and all facilities that connect the structure (i.e. racking, conduits, etc.) to the BellSouth point of demarcation. At CGI's option, and where the local authority having jurisdiction permits, BellSouth shall provide an AC power source and access to physical collocation services and facilities subject to the same nondiscriminatory requirements as applicable to any other physical collocation arrangement. In Alabama and Louisiana, BellSouth will provide DC power to Adjacent Collocation sites where technically feasible, as that term has been defined by the FCC, and subject to individual case basis pricing. CGI's Certified Supplier shall be responsible, at CGI's expense, for filing and receiving any and all necessary zoning, permits and/or licenses for such arrangement. BellSouth shall allow Shared Collocation within a Remote Site Adjacent Arrangement pursuant to the terms and conditions set forth herein.

- 3.5 Co-carrier cross-connect (CCXC). The primary purpose of collocation is for a collocated telecommunications carrier to interconnect with BellSouth's network or access to BellSouth's unbundled network elements for the provision of telecommunications services within a BellSouth Premises. BellSouth will permit CGI to interconnect between its virtual or physical collocation arrangements and those of another collocated telecommunications carrier within the same remote site premises. Both CGICGI's agreement and the other collocated telecommunications carrier's agreement must contain rates, terms and conditions for CCXC language. At no point in time shall CGI use the Remote Collocation Space for the sole or primary purpose of cross connecting to other collocated telecommunications carriers.
- 3.5.1 CGI must use a BellSouth Certified Supplier to place the CCXC. The CCXC shall be provisioned through facilities owned by CGI. Such connections to other carriers may be made using either optical or electrical facilities. CGI may deploy such optical or electrical connections directly between its own facilities and the facilities of other collocated telecommunications carriers without being routed through BellSouth equipment. CGI may not self-provision CCXC on any BellSouth distribution frame, P OT (Point of Termination) Bay, DSX (Digital System Cross-connect) or LGX (Light Guide Cross-connect). CGI is responsible for ensuring the integrity of the signal.
- 3.5.2 CGI shall be responsible for providing written authorization to BellSouth from the other collocated telecommunications carrier prior to installing the CCXC. CGI-provisioned CCXC shall utilize common cable support structure.
- 3.5.3 To order CCXCs CGI must submit an Initial Application or Subsequent Application. If no modification to the Remote Collocation Space is requested other than the placement of CCXCs, the Subsequent Application Fee for CCXC, as defined in Exhibit C, will apply. If modifications in addition to the placement of CCXCs are requested, the Initial Application or Subsequent Application Fee will apply. BellSouth will bill this non-recurring fee on the date that BellSouth provides an Application Response.

4. Occupancy

- 4.1 Occupancy. BellSouth will notify CGI in writing that the Remote Collocation Space is ready for occupancy ("Space Ready Date"). CGI will schedule and complete an acceptance walk through of each Remote Collocation Space with BellSouth within fifteen (15) calendar days of BellSouth's notifying CGI that Remote Collocation Space is ready for occupancy ("Space Ready Date"). In the event that CGI fails to complete an acceptance walk through within this fifteen (15) calendar day interval, the Remote Collocation Space shall be deemed accepted by CGI. Billing will commence on the Space Ready Date or the date CGICGI accepts the space ("Space Acceptance Date"), whichever is sooner. CGI must notify BellSouth in writing that collocation equipment installation is complete and is operational with BellSouth's network. BellSouth may, at its option, not accept orders for cross connects until receipt of such notice. For

purposes of this paragraph, CGI's telecommunications equipment will be deemed operational when cross-connected to BellSouth's network for the purpose of service provision.

- 4.2 **Termination of Occupancy.** In addition to any other provisions addressing termination of occupancy in this Attachment, CGI may terminate occupancy in a particular Remote Collocation Space by submitting a Subsequent Application requesting termination of occupancy. A Subsequent Application Fee will not apply for termination of occupancy. BellSouth may terminate CGI's right to occupy the Remote Collocation Space in the event CGI fails to comply with any provision of this Agreement.

- 4.2.1 Upon termination of occupancy, CGI at its expense shall remove its equipment and other property from the Remote Collocation Space. CGI shall have thirty (30) calendar days from the termination date to complete such removal, including the removal of all equipment and facilities of CGI's Guests, unless CGI's Guest has assumed responsibility for the Remote Collocation Space housing the Guest's equipment and executed the documentation required by BellSouth prior to such removal date. CGI shall continue payment of monthly fees to BellSouth until such date as CGI, and if applicable CGI's Guest, has fully vacated the Remote Collocation Space and the Space Relinquish Form has been accepted by BellSouth. Should CGI or CGI's Guest fail to vacate the Remote Collocation Space within thirty (30) calendar days from the termination date, BellSouth shall have the right to remove the equipment and dispose of the equipment and other property of CGI or CGI's Guest, in any manner that BellSouth deems fit, at CGI's expense and with no liability whatsoever for CGI or CGI's Guest's property. Upon termination of CGI's right to occupy Remote Collocation Space, the Remote Collocation Space will revert back to BellSouth, and CGI shall surrender such Remote Collocation Space to BellSouth in the same condition as when first occupied by the CGI except for ordinary wear and tear unless otherwise agreed to by the Parties. For CEVs and huts CGI's BellSouth Certified Supplier shall be responsible for updating and making any necessary changes to BellSouth's records as required by BellSouth's guidelines and specifications including but not limited to Record Drawings and ERMA Records. CGI shall be responsible for the cost of removing any enclosure, together with all support structures (e.g., racking, conduits, power cables, etc.), at the termination of occupancy and restoring the grounds to their original condition.

5. Use of Remote Collocation Space

- 5.1 **Equipment Type.** BellSouth permits the collocation of any type of equipment necessary for interconnection to BellSouth's network or for access to BellSouth's unbundled network elements in the provision of telecommunications services, as the term "necessary" is defined by FCC 47 C.F.R. Section 51.323 (b). The primary purpose and function of any equipment collocated in a Remote Collocated Space must be for interconnection to BellSouth's network or for access to BellSouth's unbundled network elements in the provision of telecommunications services.

- 5.1.1 Examples of equipment that would not be considered necessary include but are not limited to: Traditional circuit switching equipment, equipment used exclusively for call-related databases, computer servers used exclusively for providing information services, operations support system (OSS) equipment used to support collocated telecommunications carrier network operations, equipment that generates customer orders, manages trouble tickets or inventory, or stores customer records in centralized databases, etc. BellSouth will determine upon receipt of an application if the requested equipment is necessary based on the criteria established by the FCC. Multifunctional equipment placed on BellSouth's Premises must not place any greater relative burden on BellSouth's property than comparable single-function equipment. BellSouth reserves the right to permit collocation of any equipment on a nondiscriminatory basis.
- 5.1.2 Such equipment must, at a minimum, meet the following Telcordia Network Equipment Building Systems (NEBS) General Equipment Requirements: Criteria Level 3 requirements as outlined in the Telcordia Special Report SR-3580, Issue 1; equipment design spatial requirements per GR-63-CORE, Section 2; thermal heat dissipation per GR-063-CORE, Section 4, Criteria 77-79; acoustic noise per GR-063-CORE, Section 4, Criterion 128, and National Electric Code standards. Except where otherwise required by a Commission, BellSouth shall comply with the applicable FCC rules relating to denial of collocation based on CGI's failure to comply with this Section.
- 5.1.2.1 All CGI equipment installation shall comply with BellSouth TR 73503-11h, "Grounding - Engineering Procedures". Metallic cable sheaths and metallic strength members of optical fiber cables as well as the metallic cable sheaths of all copper conductor cables shall be bonded to the designated grounding bus for the Remote Site Location. All copper conductor pairs, working and non-working, shall be equipped with a solid state protector unit (over-voltage protection only) which has been listed by a nationally recognized testing laboratory.
- 5.1.3 CGI shall identify to BellSouth whenever CGI submits a Method of Procedure ("MOP") adding equipment to CGI's Remote Collocation Space all entities that have an interest, secured or otherwise, in the equipment in CGI's Remote Collocation Space.
- 5.2 CGI shall not use the Remote Collocation Space for marketing purposes nor shall it place any identifying signs or markings in the area surrounding the Remote Collocation Space or on the grounds of the Remote Site Location.
- 5.3 CGI shall place a plaque or other identification affixed to CGI's equipment to identify CGI's equipment, including a list of emergency contacts with telephone numbers.
- 5.4 Entrance Facilities. CGI may elect to place CGI-owned or CGI-leased fiber entrance facilities into the Remote Collocation Space. BellSouth will designate the point of interconnection at the Remote Site Location housing the Remote Collocation Space,

- which is physically accessible by both Parties. CGI will provide and place copper cable through conduit from the Remote Collocation Space to the Feeder Distribution Interface to the splice location of sufficient length for splicing by BellSouth. CGI must contact BellSouth for instructions prior to placing the entrance facility cable. CGI is responsible for maintenance of the entrance facilities.
- 5.4.1 Shared Use. CGI may utilize spare capacity on an existing interconnector entrance facility for the purpose of providing an entrance facility to CGI's collocation arrangement within the same BellSouth Remote Site Location. BellSouth shall allow splicing to the entrance facility, provided that the fiber is non-working fiber. The rates set forth in Exhibit C will apply. If CGI desires to allow another telecommunications carrier to use its entrance facilities, additional rates, terms and conditions will apply and shall be negotiated between the Parties.
- 5.5 Demarcation Point. BellSouth will designate the point(s) of demarcation between CGI's equipment and/or network and BellSouth's network. Each Party will be responsible for maintenance and operation of all equipment/facilities on its side of the demarcation point. CGI or its agent must perform all required maintenance to CGI equipment/facilities on its side of the demarcation point, pursuant to Section 5.6, following.
- 5.6 CGI's Equipment and Facilities. CGI, or if required by this Attachment, CGI's Certified Supplier, is solely responsible for the design, engineering, installation, testing, provisioning, performance, monitoring, maintenance and repair of the equipment and facilities used by CGI which must be performed in compliance with all applicable BellSouth policies and guidelines. Such equipment and facilities may include but are not limited to cable(s), equipment, and point of termination connections. CGI and its selected Certified Supplier must follow and comply with all BellSouth requirements outlined in BellSouth's TR 73503, TR 73519, TR 73572, and TR 73564.
- 5.7 BellSouth's Access to Remote Collocation Space. From time to time BellSouth may require access to the Remote Collocation Space. BellSouth retains the right to access the Remote Collocation Space for the purpose of making BellSouth equipment and Remote Site Location modifications.
- 5.8 Access. Pursuant to Section 12, CGI shall have access to the Remote Collocation Space twenty-four (24) hours a day, seven (7) days a week. CGI agrees to provide the name and social security number or date of birth or driver's license number of each employee, supplier, or agents of CGI or CGI's Guests provided with access keys or devices ("Access Keys") prior to the issuance of said Access Keys. Key acknowledgement forms must be signed by CGI and returned to BellSouth Access Management within fifteen (15) calendar days of CGI's receipt. Failure to return properly acknowledged forms will result in the holding of subsequent requests until acknowledgements are current. Access Keys shall not be duplicated under any circumstances. CGI agrees to be responsible for all Access Keys and for the return of

all said Access Keys in the possession of CGI's employees, suppliers, Guests, or agents after termination of the employment relationship, contractual obligation with CGI or upon the termination of this Attachment or the termination of occupancy of an individual Remote Site collocation arrangement.

- 5.8.1 BellSouth will permit one accompanied site visit to CGI's designated collocation arrangement location after receipt of the Bona Fide Firm Order (BFFO) without charge to CGI. CGI must submit to BellSouth the completed Access Control Request Form for all employees or agents requiring access to the BellSouth Remote Site Location a minimum of thirty (30) calendar days prior to the date CGI desires access to the Remote Collocation Space. In order to permit reasonable access during construction of the Remote Collocation Space, CGI may submit such a request at any time subsequent to BellSouth's receipt of the BFFO. In the event CGI desires access to the Remote Collocation Space after submitting such a request but prior to access being approved, in addition to the first accompanied free visit, BellSouth shall permit CGI to access the Remote Collocation Space accompanied by a security escort at CGI's expense. CGI must request escorted access at least three (3) business days prior to the date such access is desired.
- 5.9 Lost or Stolen Access Keys. CGI shall notify BellSouth in writing immediately in the case of lost or stolen Access Keys. Should it become necessary for BellSouth to re-key Remote Site Locations or deactivate a card as a result of a lost Access Key(s) or for failure to return an Access Key(s), CGI shall pay for all reasonable costs associated with the re-keying or deactivating the card.
- 5.10 Interference or Impairment. Notwithstanding any other provisions of this Attachment, CGI shall not use any product or service provided under this Agreement, any other service related thereto or used in combination therewith, or place or use any equipment and facilities in any manner that 1) significantly degrades, interferes with or impairs service provided by BellSouth or by any other entity or any person's use of its telecommunications service; 2) endangers or damages the equipment, facilities or other property of BellSouth or of any other entity or person; 3) compromises the privacy of any communications; or 4) creates an unreasonable risk of injury or death to any individual or to the public. If BellSouth reasonably determines that any equipment or facilities of CGI violates the provisions of this paragraph, BellSouth shall give written notice to CGI, which notice shall direct CGI to cure the violation within forty-eight (48) hours of CGI's actual receipt of written notice or, at a minimum, to commence curative measures within 24 hours and to exercise reasonable diligence to complete such measures as soon as possible thereafter. After receipt of the notice, the Parties agree to consult immediately and, if necessary, to inspect the arrangement.
- 5.10.1 Except in the case of the deployment of an advanced service which significantly degrades the performance of other advanced services or traditional voice band services, if CGI fails to take curative action within 48 hours or if the violation is of a character which poses an immediate and substantial threat of damage to property,

- injury or death to any person, or any other significant degradation, interference or impairment of BellSouth's or any other entity's service, then and only in that event BellSouth may take such action as it deems appropriate to correct the violation, including without limitation the interruption of electrical power to CGI's equipment. BellSouth will endeavor, but is not required, to provide notice to CGI prior to taking such action and shall have no liability to CGI for any damages arising from such action, except to the extent that such action by BellSouth constitutes willful misconduct.
- 5.10.2 For purposes of this section, the term significantly degrade shall mean an action that noticeably impairs a service from a user's perspective. In the case of the deployment of an advanced service which significantly degrades the performance of other advanced services or traditional voice band services and CGI fails to take curative action within 48 hours then BellSouth will establish before the relevant Commission that the technology deployment is causing the significant degradation. Any claims of network harm presented to CGI or, if subsequently necessary, the relevant Commission must be supported with specific and verifiable information. Where BellSouth demonstrates that a deployed technology is significantly degrading the performance of other advanced services or traditional voice band services, CGI shall discontinue deployment of that technology and migrate its customers to technologies that will not significantly degrade the performance of other such services. Where the only degraded service itself is a known disturber, and the newly deployed technology satisfies at least one of the criteria for a presumption that is acceptable for deployment under Section 47 C.F.R. 51.230, the degraded service shall not prevail against the newly deployed technology.
- 5.11 Personalty and its Removal. Facilities and equipment placed by CGI in the Remote Collocation Space shall not become a part of the Remote Site Location, even if nailed, screwed or otherwise fastened to the Remote Collocation Space but shall retain their status as personalty and may be removed by CGI at any time. Any damage caused to the Remote Collocation Space by CGI's employees, agents or representatives shall be promptly repaired by CGI at its expense.
- 5.11.1 If CGI decides to remove equipment from its Remote Collocation Space and the removal requires no physical changes, BellSouth will bill CGI an Administrative Only Application Fee as set forth in Exhibit C for these charges. This non-recurring fee will be billed on the date that BellSouth provides an Application Response.
- 5.12 Alterations. In no case shall CGI or any person acting on behalf of CGI make any rearrangement, modification, improvement, addition, or other alteration which could affect in any way space, power, HVAC, and/or safety considerations to the Remote Collocation Space or the BellSouth Remote Site Location without the written consent of BellSouth, which consent shall not be unreasonably withheld. The cost of any specialized alterations shall be paid by CGI. Any such material rearrangement, modification, improvement, addition, or other alteration shall require an application

and Application Fee. BellSouth will bill the non-recurring fee on the date that BellSouth provides an Application Response.

- 5.13 Upkeep of Remote Collocation Space. CGI shall be responsible for the general upkeep and cleaning of the Remote Collocation Space. CGI shall be responsible for removing any CGI debris from the Remote Collocation Space and from in and around the Remote Collocation Site on each visit.

6. Ordering and Preparation of Remote Collocation Space

- 6.1 Should any state or federal regulatory agency impose procedures or intervals applicable to CGI and BellSouth that are different from procedures or intervals set forth in this Section, whether now in effect or that become effective after execution of this Agreement, those procedures or intervals shall supersede the requirements set forth herein for that jurisdiction for all applications submitted for the first time after the effective date thereof
- 6.2 Initial Application. For CGI or CGI's Guest(s) initial equipment placement, CGI shall submit to BellSouth a Physical Expanded Interconnection Application Document ("Initial Application"). The application is Bona Fide when it is complete and accurate, meaning that all required fields on the application are completed with the appropriate type of information. An application fee will apply which will be billed on the date that BellSouth provides an Application Response.
- 6.3 Subsequent Application In the event CGI or CGI's Guest(s) desires to modify the use of the Remote Collocation Space after a BFFO, CGI shall complete an application detailing all information regarding the modification to the Remote Collocation Space ("Subsequent Application"). BellSouth shall determine what modifications, if any, to the Remote Site Location are required to accommodate the change requested by CGI in the application. Such necessary modifications to the Remote Site Location may include, but are not limited to floor loading changes, changes necessary to meet HVAC requirements, changes to power plant requirements, equipment additions, etc.
- 6.3.1 Application Fee for Subsequent Application. The application fee paid by CGI for its request to modify the use of the Collocation Space shall be a full Application Fee as set forth in Exhibit C. The Subsequent Application is Bona Fide when it is complete and accurate, meaning that all required fields on the application are completed with the appropriate type of information. BellSouth will bill the non-recurring fee on the date that BellSouth provides an Application Response.
- 6.4 Availability of Space. Upon submission of an application, BellSouth will permit CGI to physically collocate, pursuant to the terms of this Attachment, at any BellSouth Remote Site Location, unless BellSouth has determined that there is no space available due to space limitations or that Remote Site Collocation is not practical for technical reasons. In the event space is not immediately available at a Remote Site Location, BellSouth reserves the right to make additional space available, in which case the

conditions in Section 7 shall apply, or BellSouth may elect to deny space in accordance with this Section in which case virtual or adjacent collocation options may be available. If the amount of space requested is not available, BellSouth will notify CGI of the amount that is available.

6.5 Space Availability Notification.

6.5.1 Unless otherwise specified, BellSouth will respond to an application within ten (10) calendar days as to whether space is available or not available within a BellSouth Remote Site Location. BellSouth will also respond as to whether the application is Bona Fide and if it is not Bona Fide the items necessary to cause the application to become Bona Fide. If the amount of space requested is not available, BellSouth will notify CGI of the amount of space that is available and no Application Fee shall apply. When BellSouth's response includes an amount of space less than that requested by CGI or differently configured, CGI must resubmit its application to reflect the actual space available.

6.5.2 BellSouth will respond to a Florida application within fifteen (15) calendar days as to whether space is available or not available within a BellSouth Remote Site Location. BellSouth will also respond as to whether the application is Bona Fide and if it is not Bona Fide the items necessary to cause the application to become Bona Fide. If a lesser amount of space than requested is available, BellSouth will provide an Application Response for the amount of space that is available and an Application Fee will be billed by BellSouth on the date that BellSouth provides an Application Response. When BellSouth's Application Response includes an amount of space less than that requested by CGI or differently configured, CGI must amend its application to reflect the actual space available prior to submitting a BFFO.

6.5.3 BellSouth will respond to a Louisiana application within ten (10) calendar days for space availability for one (1) to ten (10) applications; fifteen (15) calendar days for eleven (11) to twenty (20) applications; and for more than twenty (20) applications, it is increased by five (5) calendar days for every five additional applications received within five (5) business days. If the amount of space requested is not available, BellSouth will notify CGI of the amount of space that is available and no Application Fee will apply. When BellSouth's response includes an amount of space less than that requested by CGI or differently configured, CGI must resubmit its application to reflect the actual space available. BellSouth will also respond as to whether the application is Bona Fide and if it is not Bona Fide the items necessary to cause the application to become Bona Fide.

6.6 Denial of Application. If BellSouth notifies CGI that no space is available ("Denial of Application"), BellSouth will not assess an Application Fee. After notifying CGI that BellSouth has no available space in the requested Remote Site Location, BellSouth will allow CGI, upon request, to tour the Remote Site Location within ten (10) calendar days of such Denial of Application. In order to schedule said tour within ten

- (10) calendar days, the request for a tour of the Remote Site Location must be received by BellSouth within five (5) calendar days of the Denial of Application.
- 6.7 Filing of Petition for Waiver. Upon Denial of Application BellSouth will timely file a petition with the Commission pursuant to 47 U.S.C. § 251(c)(6). BellSouth shall provide to the Commission any information requested by that Commission. Such information shall include which space, if any, BellSouth or any of BellSouth's affiliates have reserved for future use and a detailed description of the specific future uses for which the space has been reserved. Subject to an appropriate nondisclosure agreement or provision, BellSouth shall permit CGI to inspect any plans or diagrams that BellSouth provides to the Commission.
- 6.8 Waiting List. On a first-come, first-served basis governed by the date of receipt of an application or Letter of Intent, BellSouth will maintain a waiting list of requesting carriers who have either received a Denial of Application or, where it is publicly known that the Remote Site Location is out of space, have submitted a Letter of Intent to collocate. BellSouth will notify the telecommunications carriers on the waiting list that can be accommodated by the amount of space that becomes available according to the position of the telecommunications carriers on said waiting list.
- 6.8.1 In Florida, on a first-come, first-served basis governed by the date of receipt of an application or Letter of Intent, BellSouth will maintain a waiting list of requesting carriers who have either received a Denial of Application or, where it is publicly known that the Remote Site Location is out of space, have submitted a Letter of Intent to collocate. Sixty (60) calendar days prior to space becoming available, if known, BellSouth will notify the Florida PSC and the telecommunications carriers on the waiting list by mail when space becomes available according to the position of telecommunications carrier on said waiting list. If not known sixty (60) calendar days in advance, BellSouth shall notify the Florida PSC and the telecommunications carriers on the waiting list within two business days of the determination that space is available. A telecommunications carrier that, upon denial of physical collocation, requests virtual collocation shall be automatically placed on the waiting list.
- 6.8.2 When space becomes available, CGI must submit an updated, complete, and correct application to BellSouth within thirty (30) calendar days of such notification. If CGI has originally requested caged Remote Collocation Space and cageless Remote Collocation Space becomes available, CGI may refuse such space and notify BellSouth in writing within that time that CGI wants to maintain its place on the waiting list without accepting such space. CGI may accept an amount of space less than its original request by submitting an application as set forth above, and upon request, may maintain its position on the waiting list for the remaining space that was initially requested. If CGI does not submit such an application or notify BellSouth in writing as described above, BellSouth will offer such space to the next telecommunications carrier on the waiting list and remove CGI from the waiting list. Upon request, BellSouth will advise CGI as to its position on the list.

- 6.9 Public Notification. BellSouth will maintain on its Interconnection Services website a notification document that will indicate all Remote Site Locations that are without available space. BellSouth shall update such document within ten (10) calendar days of the date that BellSouth becomes aware that there is insufficient space to accommodate Remote Site Collocation. BellSouth will also post a document on its Interconnection Services website that contains a general notice where space has become available in a Remote Site Location previously on the space exhaust list.
- 6.10 Application Response.
- 6.10.1 In Alabama, when space has been determined to be available, BellSouth will provide an Application Response within thirty (30) calendar days of the receipt of a Bona Fide application, which will include, at a minimum, the configuration of the space, the Cable Installation Fee, Cable Records Fee, and any other applicable space preparation fees, described in Section 8.
- 6.10.2 In North Carolina, when space has been determined to be available, BellSouth will provide an Application Response within twenty-three (23) business days of the receipt of a Bona Fide application, which will include, at a minimum, the configuration of the space, the Cable Installation Fee, Cable Records Fee, and the space preparation fees, as described in Section 8.
- 6.10.3 In Tennessee, BellSouth will provide an Application Response within fifteen (15) calendar days of receipt of a Bona Fide application. The Application Response will include, at a minimum, the configuration of the space, the Cable Installation Fee (Cageless and Virtual), and a firm price quote based upon standardized pricing provided that CGI has given BellSouth a forecast of CGI's collocation needs at least ten (10) calendar days prior to submitting an application. If no forecast is provided by CGI the interval for an Application Response will be thirty (30) calendar days.
- 6.10.4 In Florida, within fifteen (15) calendar days of receipt of a Bona Fide application, when space has been determined to be available or when a lesser amount of space than that requested is available, then with respect to the space available, BellSouth will provide an Application Response including sufficient information to enable CGI to place a Firm Order. The Application Response will include, at a minimum, the configuration of the space, the Cable Installation Fee, Cable Records Fee, and the space preparation fees, as described in Section 8. When CGI submits ten (10) or more applications within ten (10) calendar days, the initial fifteen (15) day response period will increase by ten (10) calendar days for every additional ten (10) applications or fraction thereof.
- 6.10.5 In Georgia, Kentucky, Mississippi and South Carolina, when space has been determined to be available, BellSouth will provide an Application Response within twenty (20) calendar days of receipt of a Bona Fide application. The Application Response will include, at a minimum, the configuration of the space, the Cable

Installation Fee, Cable Records Fee, and the space preparation fees, as described in Section 8.

6.10.6 In Louisiana, when space has been determined to be available, BellSouth will respond with an Application Response within thirty (30) calendar days for one (1) to ten (10) applications; thirty (35) calendar days for eleven (11) to twenty (20) applications; and for requests of more than twenty (20) applications, it is increased by five (5) calendar days for every five (5) applications received within five (5) business days. The Application Response will include, at a minimum, the configuration of the space, the Cable Installation Fee, Cable Records Fee, and the space preparation fees, as described in Section 8.

6.11 Application Modifications.

6.11.1 If a modification or revision is made to any information in the Bona Fide application prior to a BFFO, with the exception of modifications to Customer Information, Contact Information or Billing Contact Information, either at the request of CGI or necessitated by technical considerations, said application shall be considered a new application and shall be handled as a new application with respect to response and provisioning intervals and BellSouth will charge CGI a full application fee as set forth in Exhibit C. BellSouth will bill the non-recurring fee on the date that BellSouth provides an Application Response.

6.12 Bona Fide Firm Order.

6.12.1 In Kentucky and North Carolina, CGI shall indicate its intent to proceed with equipment installation in a BellSouth Remote Site Location by submitting a Physical Expanded Interconnection Firm Order document ("Firm Order") to BellSouth. A Firm Order shall be considered Bona Fide when CGI has completed the Application/Inquiry process described in Section 6, preceding, and has submitted the Firm Order document indicating acceptance of the Application Response provided by BellSouth. The BFFO must be received by BellSouth no later than five (5) business days after BellSouth's Application Response to CGI's Bona Fide application. The BFFO must be received by BellSouth no later than thirty (30) calendar days after BellSouth's Application Response to CGI's Bona Fide application or the application will expire. If the BFFO is received between the fifth business day and the thirtieth calendar day after the Application Response, then the intervals set forth in 7.1.1 will be extended day for day for each day after the fifth business day the BFFO is received until the application expires.

6.12.2 Except as otherwise provided, in all States that have ordered provisioning intervals but not addressed Firm Order intervals, the following shall apply. CGI shall indicate its intent to proceed with equipment installation in a BellSouth Remote Site Location by submitting a Firm Order to BellSouth. The BFFO must be received by BellSouth no later than thirty (30) calendar days after BellSouth's Application Response to CGI's Bona Fide application or the application will expire.

- 6.12.3 BellSouth will establish a firm order date based upon the date BellSouth is in receipt of a BFFO. BellSouth will acknowledge the receipt of CGI's BFFO within seven (7) calendar days of receipt indicating that the BFFO has been received. A BellSouth response to a BFFO will include a Firm Order Confirmation containing the firm order date. No revisions will be made to a BFFO.

7. Construction and Provisioning

7.1 Construction and Provisioning Intervals.

- 7.1.1 In North Carolina, BellSouth will complete construction for collocation arrangements within seventy-six (76) business days from receipt of an application or as agreed to by the Parties. Under extraordinary conditions, BellSouth will complete construction for collocation arrangements within ninety-one (91) business days. Examples of extraordinary conditions include, but are not limited to, extended license or permitting intervals; major BellSouth equipment rearrangement or addition; power plant addition or upgrade; major mechanical addition or upgrade; major upgrade for ADA compliance; environmental hazard or hazardous materials abatement; and arrangements for which equipment shipping intervals are extraordinary in length. In the event CGI submits a forecast as described in the following paragraph three (3) months or more prior to the application date, the above intervals shall apply. In the event CGI submits such a forecast between two (2) months and three (3) months prior to the application date, the above intervals may be extended by one (1) additional month. In the event CGI submits such a forecast less than two (2) months prior to the application date, the above intervals may be extended by sixty (60) calendar days. BellSouth will attempt to meet standard intervals for unforecasted requests and any interval adjustments will be discussed with CGI at the time the application is received. Raw space, which is space lacking the necessary infrastructure to provide Remote Collocation Space including but not limited to HVAC, Power, etc., conversion time frames fall outside the normal intervals and are negotiated on an individual case basis. Additionally, installations to existing collocation arrangements for line sharing or line splitting, which include adding cable, adding cable and splitter, and adding a splitter, will be forty five (45) business days from receipt of an application.
- 7.1.1.1 To be considered a timely and accurate forecast, CGI must submit to BellSouth the CLEC Remote Site Collocation Forecast Form, as set forth in Exhibit B attached hereto, containing the following information: Central Office/Serving Wire Center CLLI, Remote Site CLLI, number of Caged square feet and/or Cageless bays, number of DS0, DS1, DS3, STS-1, OC-3, OC-12, OC-48, and OC-192 frame terminations, number of fused amps and planned application date.
- 7.1.2 In Florida, BellSouth will complete construction for collocation arrangements as soon as possible and within a maximum of ninety (90) calendar days from receipt of a BFFO or as agreed to by the Parties. For changes to Remote Collocation Space after initial space completion ("Augmentation"), BellSouth will complete construction for collocation arrangements as soon as possible and within a maximum of forty-five (45)

- calendar days from receipt of a BFFO or as agreed to by the Parties. If BellSouth does not believe that construction will be completed within the relevant time frame and BellSouth and CGI cannot agree upon a completion date, within forty-five (45) calendar days of receipt of the BFFO for an initial request, and within thirty (30) calendar days for Augmentations, BellSouth may seek an extension from the Florida Commission.
- 7.1.3 In Alabama, Georgia, Kentucky, Mississippi and South Carolina, BellSouth will complete construction for collocation arrangements under ordinary conditions as soon as possible and within a maximum of ninety (90) calendar days from receipt of a BFFO or as agreed to by the Parties. The Parties may mutually agree to renegotiate an alternative provisioning interval or BellSouth may seek a waiver from this interval from the Commission.
- 7.1.4 In Louisiana, BellSouth will complete construction for collocation arrangements under ordinary conditions as soon as possible and within a maximum of ninety (90) calendar days from receipt of a BFFO for an initial request, and within 60 calendar days for an Augmentation, or as agreed to by the Parties. The Parties may mutually agree to renegotiate an alternative provisioning interval or BellSouth may seek a waiver from this interval from the Commission.
- 7.1.5 In Tennessee, BellSouth will complete construction for collocation arrangements under Ordinary Conditions within a maximum of 90 calendar days from receipt of a BFFO, or as agreed to by the Parties. Under extraordinary conditions, BellSouth may elect to renegotiate an alternative provisioning interval with CGI or seek a waiver from this interval from the Commission.
- 7.2 In the event BellSouth does not have space immediately available at a Remote Site Location, BellSouth may elect to make additional space available by, for example but not limited to, rearranging BellSouth facilities or constructing additional capacity. In such cases, the above intervals shall not apply and BellSouth will provision the Remote Collocation Space in a nondiscriminatory manner and at parity with BellSouth and will provide CGI with the estimated completion date in its Response.
- 7.3 Joint Planning. Joint planning between BellSouth and CGI will commence within a maximum of twenty (20) calendar days from BellSouth's receipt of a BFFO. BellSouth will provide the preliminary design of the Remote Collocation Space and the equipment configuration requirements as reflected in the Bona Fide application and affirmed in the BFFO. The Remote Collocation Space completion time period will be provided to CGI during joint planning.
- 7.4 Permits. Each Party or its agents will diligently pursue filing for the permits required for the scope of work to be performed by that Party or its agents within ten (10) calendar days of the completion of finalized construction designs and specifications.

- 7.5 Acceptance Walk Through. CGI will schedule and complete an acceptance walk through of each Remote Collocation Space with BellSouth within fifteen (15) calendar days of BellSouth's notifying CGI that the Remote Collocation Space is ready for occupancy ("Space Ready Date"). In the event that CGI fails to complete an acceptance walk through within this fifteen (15) day interval, the Remote Collocation Space shall be deemed accepted by CGI. BellSouth will correct any deviations to CGI's original or jointly amended requirements within seven (7) calendar days after the walk through, unless the Parties jointly agree upon a different time frame.
- 7.6 Use of BellSouth Certified Supplier. CGI shall select a supplier which has been approved by BellSouth to perform all engineering and installation work CGI and CGI's BellSouth Certified Supplier must follow and comply with all BellSouth requirements outlined in BellSouth's TR 73503, TR 73519, TR 73572, and TR 73564. In some cases, CGI must select separate BellSouth Certified Suppliers for transmission equipment, switching equipment and power equipment. BellSouth shall provide CGI with a list of BellSouth Certified Suppliers upon request. The BellSouth Certified Supplier(s) shall be responsible for installing CGI's equipment and components, extending power cabling to the BellSouth power distribution frame, performing operational tests after installation is complete, and notifying BellSouth's Outside Plant engineers and CGI upon successful completion of installation. The BellSouth Certified Supplier shall bill CGI directly for all work performed for CGI pursuant to this Attachment, and BellSouth shall have no liability for nor responsibility to pay such charges imposed by the BellSouth Certified Supplier. BellSouth shall consider certifying CGI or any supplier proposed by CGI. All work performed by or for CGI shall conform to generally accepted industry guidelines and standards.
- 7.7 Alarm and Monitoring. BellSouth may place alarms in the Remote Site Location for the protection of BellSouth equipment and facilities. CGI shall be responsible for placement, monitoring and removal of environmental and equipment alarms used to service CGI's Remote Collocation Space. Upon request, BellSouth will provide CGI with applicable tariffed service(s) to facilitate remote monitoring of collocated equipment by CGI. Both Parties shall use best efforts to notify the other of any verified hazardous conditions known to that Party.
- 7.8 Virtual Remote Site Collocation Relocation. In the event physical Remote Collocation Space was previously denied at a Remote Site Location due to technical reasons or space limitations, and physical Remote Collocation Space has subsequently become available, CGI may relocate its virtual Remote Site collocation arrangements to physical Remote Site collocation arrangements and pay the appropriate fees for physical Remote Site collocation and for the rearrangement or reconfiguration of services terminated in the virtual Remote Site collocation arrangement, as outlined in the appropriate BellSouth tariffs. In the event that BellSouth knows when additional space for physical Remote Site collocation may become available at the location requested by CGI, such information will be provided to CGI in BellSouth's written denial of physical Remote Site collocation. To the extent that (i) physical Remote

- Collocation Space becomes available to CGI within one hundred eighty 180 calendar days of BellSouth's written denial of CGI's request for physical collocation, (ii) BellSouth had knowledge that the space was going to become available, and (iii) CGI was not informed in the written denial that physical Remote Collocation Space would become available within such one hundred eighty 180 calendar days, then CGI may relocate its virtual Remote Site collocation arrangement to a physical Remote Site collocation arrangement and will receive a credit for any nonrecurring charges previously paid for such virtual Remote Site collocation. CGI must arrange with a BellSouth Certified Supplier for the relocation of equipment from its virtual Remote Collocation Space to its physical Remote Collocation Space and will bear the cost of such relocation.
- 7.8.1 In Alabama, BellSouth will complete a relocation from virtual collocation to physical collocation within ninety (90) calendar days.
- 7.9 Virtual to Physical Conversion (In-Place). Virtual collocation arrangements may be converted to "in-place" physical arrangements if the potential conversion meets the following four criteria: 1) there is no change in the amount of equipment or the configuration of the equipment that was in the virtual collocation arrangement; 2) the conversion of the virtual collocation arrangement will not cause the equipment or the results of that conversion to be located in a space that BellSouth has reserved for its own future needs; 3) the converted arrangement does not limit BellSouth's ability to secure its own equipment and facilities due to the location of the virtual collocation arrangement; and 4) any changes to the arrangement can be accommodated by existing power, HVAC, and other requirements. Unless otherwise specified, BellSouth will complete virtual to in-place physical collocation conversions within sixty (60) calendar days. BellSouth will bill CGI an Administrative Only Application Fee as set forth in Exhibit C for these charges on the date that BellSouth provides an Application Response.
- 7.9.1 In Alabama and Tennessee, BellSouth will complete Virtual to Physical Conversions (In Place) within thirty (30) calendar days.
- 7.10 Cancellation. If, at any time prior to space acceptance, CGI cancels its order for the Remote Collocation Space(s) ("Cancellation"), BellSouth will bill the applicable non-recurring rate for any and all work processes for which work has begun. In Georgia, if CGI cancels its order for Remote Collocation Space at any time prior to space acceptance, BellSouth will bill CGI for all costs incurred prior to the date of Cancellation and for any costs incurred as a direct result of the Cancellation, not to exceed the total amount that would have been due had the order not been cancelled.
- 7.11 Licenses. CGI, at its own expense, will be solely responsible for obtaining from governmental authorities, and any other appropriate agency, entity, or person, all rights, privileges, and licenses necessary or required to operate as a provider of telecommunications services to the public or to occupy the Remote Collocation Space.

- 7.12 Environmental Hazard Guidelines. The Parties agree to utilize and adhere to the Environmental Hazard Guidelines identified in Exhibit A attached hereto.

8. Rates and Charges

- 8.1 Recurring Charges. Recurring charges begin on the Space Ready Date, or on the date CGI accepts the space, whichever is first.
- 8.2 Application Fee. BellSouth shall assess an Application Fee via a service order, which shall be issued at the time BellSouth responds that space is available pursuant to Section 2. Payment of said Application Fee will be due as dictated by CGI's current billing cycle and is non-refundable.
- 8.2.1 In Tennessee the applicable Application Fee is the Planning Fee for both Initial Applications and Subsequent Applications placed by CGI. BellSouth will bill the non-recurring fee on the date that BellSouth provides an Application Response.
- 8.3 Rack/Bay Space. The rack/bay space charge includes reasonable charges for air conditioning, ventilation and other allocated expenses associated with maintenance of the Remote Site Location, and includes amperage necessary to power CGI's equipment. CGI shall pay rack/bay space charges based upon the number of racks/bays requested. BellSouth will assign Remote Collocation Space in conventional remote site rack/bay lineups where feasible.
- 8.4 Power. BellSouth shall make available -48 Volt (-48V) DC power for CGI's Remote Collocation Space at a BellSouth Power Board or BellSouth Battery Distribution Fuse Bay (BDFB) at CGI's option within the Remote Site Location. The charge for power shall be assessed as part of the recurring charge for rack/bay space. If the power requirements for CGI's equipment exceeds the capacity available, then such power requirements shall be assessed on an individual case basis.
- 8.4.1 Adjacent Collocation Power. Charges for AC power will be assessed per breaker ampere per month. Rates include the provision of commercial and standby AC power, where available. When obtaining power from a BellSouth service panel, protection devices and power cables must be engineered (sized), and installed by CGI's BellSouth Certified Supplier except that BellSouth shall engineer and install protection devices and power cables for Adjacent Collocation. CGI's BellSouth Certified Supplier must also provide a copy of the engineering power specification prior to the equipment becoming operational. Charges for AC power shall be assessed pursuant to the rates specified in Exhibit C. AC power voltage and phase ratings shall be determined on a per location basis. At CGI's option, CGI may arrange for AC power in an Adjacent Collocation arrangement from a retail provider of electrical power.
- 8.5 Security Escort. A security escort will be required whenever CGI or its approved agent desires access to the Remote Site Location after the one accompanied site visit

allowed pursuant to Section 5 prior to completing BellSouth's Security Training requirements. Rates for a security escort are assessed according to the schedule appended hereto as Exhibit C beginning with the scheduled escort time. BellSouth will wait for one-half (1/2) hour after the scheduled time for such an escort and CGI shall pay for such half-hour charges in the event CGI fails to show up.

- 8.6 Other. If no rate is identified in the contract, the rate for the specific service or function will be negotiated by the Parties upon request by either Party.

9. Insurance

- 9.1 CGI shall, at its sole cost and expense, procure, maintain, and keep in force insurance as specified in this Section and underwritten by insurance companies licensed to do business in the states applicable under this Attachment and having a Best's Insurance Rating of A-.

- 9.2 CGI shall maintain the following specific coverage:

- 9.2.1 Commercial General Liability coverage in the amount of ten million dollars (\$10,000,000.00) or a combination of Commercial General Liability and Excess/Umbrella coverage totaling not less than ten million dollars (\$10,000,000.00). BellSouth shall be named as an Additional Insured on the Commercial General Liability policy as specified herein.

- 9.2.2 Statutory Workers Compensation coverage and Employers Liability coverage in the amount of one hundred thousand dollars (\$100,000.00) each accident, one hundred thousand dollars (\$100,000.00) each employee by disease, and five hundred thousand dollars (\$500,000.00) policy limit by disease.

- 9.2.3 All Risk Property coverage on a full replacement cost basis insuring all of CGI's real and personal property situated on or within BellSouth's Remote Site Location.

- 9.2.4 CGI may elect to purchase business interruption and contingent business interruption insurance, having been advised that BellSouth assumes no liability for loss of profit or revenues should an interruption of service occur.

- 9.3 The limits set forth in Section 9.2 above may be increased by BellSouth from time to time during the term of this Attachment upon thirty (30) calendar days notice to CGI to at least such minimum limits as shall then be customary with respect to comparable occupancy of BellSouth structures.

- 9.4 All policies purchased by CGI shall be deemed to be primary and not contributing to or in excess of any similar coverage purchased by BellSouth. All insurance must be in effect on or before the date equipment is delivered to BellSouth's Remote Site Location and shall remain in effect for the term of this Attachment or until all of CGI's property has been removed from BellSouth's Remote Site Location, whichever period

is longer. If CGI fails to maintain required coverage, BellSouth may pay the premiums thereon and seek reimbursement of same from CGI.

- 9.5 CGI shall submit certificates of insurance reflecting the coverage required pursuant to this Section a minimum of ten (10) business days prior to the commencement of any work in the Remote Collocation Space. Failure to meet this interval may result in construction and equipment installation delays. CGI shall arrange for BellSouth to receive thirty (30) business days' advance notice of cancellation from CGI's insurance company. CGI shall forward a certificate of insurance and notice of cancellation/non-renewal to BellSouth at the following address:

BellSouth Telecommunications, Inc.
Attn.: Risk Management Coordinator
17H53 BellSouth Center
675 W. Peachtree Street
Atlanta, Georgia 30375

- 9.6 CGI must conform to recommendations made by BellSouth's fire insurance company to the extent BellSouth has agreed to, or shall hereafter agree to, such recommendations.

- 9.7 Self-Insurance. If CGI's net worth exceeds five hundred million dollars (\$500,000,000), CGI may elect to request self-insurance status in lieu of obtaining any of the insurance required in Sections 9.2.1 and 9.2.2. CGI shall provide audited financial statements to BellSouth thirty (30) calendar days prior to the commencement of any work in the Remote Collocation Space. BellSouth shall then review such audited financial statements and respond in writing to CGI in the event that self-insurance status is not granted to CGI. If BellSouth approves CGI for self-insurance, CGI shall annually furnish to BellSouth, and keep current, evidence of such net worth that is attested to by one of CGI's corporate officers. The ability to self-insure shall continue so long as CGI meets all of the requirements of this Section. If CGI subsequently no longer satisfies this Section, CGI is required to purchase insurance as indicated by Sections 9.2.1 and Section 9.2.2.

- 9.8 The net worth requirements set forth in Section 9.7 may be increased by BellSouth from time to time during the term of this Attachment upon thirty (30) calendar days' notice to CGI to at least such minimum limits as shall then be customary with respect to comparable occupancy of BellSouth structures.

- 9.9 Failure to comply with the provisions of this Section will be deemed a material breach of this Attachment.

10. Mechanics Liens

- 10.1 If any mechanics lien or other liens shall be filed against property of either Party (BellSouth or CGI), or any improvement thereon by reason of or arising out of any

labor or materials furnished or alleged to have been furnished or to be furnished to or for the other Party or by reason of any changes, or additions to said property made at the request or under the direction of the other Party, the other Party directing or requesting those changes shall, within thirty (30) business days after receipt of written notice from the Party against whose property said lien has been filed, either pay such lien or cause the same to be bonded off the affected property in the manner provided by law. The Party causing said lien to be placed against the property of the other shall also defend, at its sole cost and expense, on behalf of the other, any action, suit or proceeding which may be brought for the enforcement of such liens and shall pay any damage and discharge any judgment entered thereon.

11. Inspections

- 11.1 BellSouth may conduct an inspection of CGI's equipment and facilities in the Remote Collocation Space(s) prior to the activation of facilities between CGI's equipment and equipment of BellSouth. BellSouth may conduct an inspection if CGI adds equipment and may otherwise conduct routine inspections at reasonable intervals mutually agreed upon by the Parties. BellSouth shall provide CGI with a minimum of forty-eight (48) hours or two (2) business days, whichever is greater, advance notice of all such inspections. All costs of such inspection shall be borne by BellSouth.

12. Security and Safety Requirements

- 12.1 Unless otherwise specified, CGI will be required, at its own expense, to conduct a statewide investigation of criminal history records for each CGI employee hired in the past five years being considered for work on the BellSouth Remote Site Location, for the states/counties where the CGI employee has worked and lived for the past five years. Where state law does not permit statewide collection or reporting, an investigation of the applicable counties is acceptable. CGI shall not be required to perform this investigation if an affiliated company of CGI has performed an investigation of the CGI employee seeking access, if such investigation meets the criteria set forth above. This requirement will not apply if CGI has performed a pre-employment statewide investigation of criminal history records of the CGI employee for the states/counties where the CGI employee has worked and lived for the past five years or, where state law does not permit a statewide investigation, an investigation of the applicable counties.
- 12.2 CGI will be required to administer to their personnel assigned to the BellSouth Premises security training either provided by BellSouth, or meeting criteria defined by BellSouth.
- 12.3 CGI shall provide its employees and agents with picture identification, which must be worn, and visible at all times while in the Remote Collocation Space or other areas in or around the Remote Site Location. The photo Identification card shall bear, at a minimum, the employee's name and photo, and CGI's name. BellSouth reserves the

right to remove from its Remote Site Location any employee of CGI not possessing identification issued by CGI or who have violated any of BellSouth's policies as outlined in the CLEC Security Training documents. CGI shall hold BellSouth harmless for any damages resulting from such removal of its personnel from BellSouth Remote Site Location. CGI shall be solely responsible for ensuring that any Guest of CGI is in compliance with all subsections of this Section 12.

- 12.4 CGI shall not assign to the BellSouth Remote Site Location any personnel with records of felony criminal convictions. CGI shall not assign to the BellSouth Remote Site Location any personnel with records of misdemeanor convictions, except for misdemeanor traffic violations, without advising BellSouth of the nature and gravity of the offense(s). BellSouth reserves the right to refuse access to any CGI personnel who have been identified to have misdemeanor criminal convictions. Notwithstanding the foregoing, in the event that CGI chooses not to advise BellSouth of the nature and gravity of any misdemeanor conviction, CGI may, in the alternative, certify to BellSouth that it shall not assign to the BellSouth Remote Site Location any personnel with records of misdemeanor convictions (other than misdemeanor traffic violations).
- 12.4.1 CGI shall not knowingly assign to the BellSouth Remote Site Location any individual who was a former employee of BellSouth and whose employment with BellSouth was terminated for a criminal offense whether or not BellSouth sought prosecution of the individual for the criminal offense.
- 12.4.2 CGI shall not knowingly assign to the BellSouth Remote Site Location any individual who was a former supplier of BellSouth and whose access to a BellSouth Remote Site Location was revoked due to commission of a criminal offense whether or not BellSouth sought prosecution of the individual for the criminal offense.
- 12.5 For each CGI employee or agent hired by CGI within five years of being considered for work on the BellSouth Remote Site Location, who requires access to a BellSouth Remote Site Location pursuant to this Attachment, CGI shall furnish BellSouth, prior to an employee gaining such access, a certification that the aforementioned background check and security training were completed. The certification will contain a statement that no felony convictions were found and certifying that the security training was completed by the employee. If the employee's criminal history includes misdemeanor convictions, CGI will disclose the nature of the convictions to BellSouth at that time. In the alternative, CGI may certify to BellSouth that it shall not assign to the BellSouth Remote Site Location any personnel with records of misdemeanor convictions other than misdemeanor traffic violations.
- 12.5.1 For all other CGI employees requiring access to a BellSouth Remote Site Location pursuant to this Attachment, CGI shall furnish BellSouth, prior to an employee gaining such access, a certification that the employee is not subject to the requirements of Section 12.5 above and that security training was completed by the employee.

- 12.6 At BellSouth's request, CGI shall promptly remove from BellSouth's Remote Site Location any employee of CGI BellSouth does not wish to grant access to its Remote Site Location 1) pursuant to any investigation conducted by BellSouth or 2) prior to the initiation of an investigation if an employee of CGI is found interfering with the property or personnel of BellSouth or another collocated telecommunications carrier, provided that an investigation shall promptly be commenced by BellSouth.
- 12.7 Notification to BellSouth. BellSouth reserves the right to interview CGI's employees, agents, or suppliers in the event of wrongdoing in or around BellSouth's property or involving BellSouth's or another telecommunications carrier's property or personnel, provided that BellSouth shall provide reasonable notice to CGI's Security contact of such interview. CGI and its suppliers shall reasonably cooperate with BellSouth's investigation into allegations of wrongdoing or criminal conduct committed by, witnessed by, or involving CGI's employees, agents, or suppliers. Additionally, BellSouth reserves the right to bill CGI for all reasonable costs associated with investigations involving its employees, agents, or suppliers if it is established and mutually agreed in good faith that CGI's employees, agents, or suppliers are responsible for the alleged act. BellSouth shall bill CGI for BellSouth property, which is stolen or damaged where an investigation determines the culpability of CGI's employees, agents, or suppliers and where CGI agrees, in good faith, with the results of such investigation. CGI shall notify BellSouth in writing immediately in the event that the CGI discovers one of its employees already working on the BellSouth Remote Site Location is a possible security risk. Upon request of the other Party, the Party who is the employer shall discipline consistent with its employment practices, up to and including removal from BellSouth's Remote Site Location, any employee found to have violated the security and safety requirements of this section. CGI shall hold BellSouth harmless for any damages resulting from such removal of its personnel from BellSouth's Remote Site Location.
- 12.8 Use of Supplies. Unauthorized use of telecommunications equipment or supplies by either Party, whether or not used routinely to provide telephone service (e.g. plug-in cards,) will be strictly prohibited and handled appropriately. Costs associated with such unauthorized use may be charged to the offending Party, as may be all associated investigative costs.
- 12.9 Use of Official Lines. Except for non-toll calls necessary in the performance of their work, neither Party shall use the telephones of the other Party on the BellSouth Remote Site Location. Charges for unauthorized telephone calls may be charged to the offending Party, as may be all associated investigative costs.
- 12.10 Accountability. Full compliance with the Security requirements of this Section shall in no way limit the accountability of either Party to the other for the improper actions of its employees.

13. Destruction of Remote Collocation Space

- 13.1 In the event a Remote Collocation Space is wholly or partially damaged by fire, windstorm, tornado, flood or by similar causes to such an extent as to be rendered wholly unsuitable for CGI's permitted use hereunder, then either Party may elect within ten (10) calendar days after such damage, to terminate this Attachment with respect to the affected Remote Collocation Space, and if either Party shall so elect, by giving the other written notice of termination, both Parties shall stand released of and from further liability under the terms hereof with respect to such Remote Collocation Space. If the Remote Collocation Space shall suffer only minor damage and shall not be rendered wholly unsuitable for CGI's permitted use, or is damaged and the option to terminate is not exercised by either Party, BellSouth covenants and agrees to proceed promptly without expense to CGI, except for improvements not the property of BellSouth, to repair the damage. BellSouth shall have a reasonable time within which to rebuild or make any repairs, and such rebuilding and repairing shall be subject to delays caused by storms, shortages of labor and materials, government regulations, strikes, walkouts, and causes beyond the control of BellSouth, which causes shall not be construed as limiting factors, but as exemplary only. CGI may, at its own expense, accelerate the rebuild of its Remote Collocation Space and equipment provided however that a BellSouth Certified Supplier is used and the necessary space preparation has been completed. Rebuild of equipment must be performed by a BellSouth Certified Vendor. If CGI's acceleration of the project increases the cost of the project, then those additional charges will be incurred by CGI. Where allowed and where practical, CGI may erect a temporary facility while BellSouth rebuilds or makes repairs. In all cases where the Remote Collocation Space shall be rebuilt or repaired, CGI shall be entitled to an equitable abatement of rent and other charges, depending upon the unsuitability of the Remote Collocation Space for CGI's permitted use, until such Remote Collocation Space is fully repaired and restored and CGI's equipment installed therein (but in no event later than thirty (30) calendar days after the Remote Collocation Space is fully repaired and restored). Where CGI has placed a Remote Site Adjacent Arrangement pursuant to Section 3, CGI shall have the sole responsibility to repair or replace said Remote Site Adjacent Arrangement provided herein. Pursuant to this Section, BellSouth will restore the associated services to the Remote Site Adjacent Arrangement.

14. Eminent Domain

- 14.1 If the whole of a Remote Collocation Space or Remote Site Adjacent Arrangement shall be taken by any public authority under the power of eminent domain, then this Attachment shall terminate with respect to such Remote Collocation Space or Remote Site Adjacent Arrangement as of the day possession shall be taken by such public authority and rent and other charges for the Remote Collocation Space or Remote Site Adjacent Arrangement shall be paid up to that day with proportionate refund by BellSouth of such rent and charges as may have been paid in advance for a period subsequent to the date of the taking. If any part of the Remote Collocation Space or Remote Site Adjacent Arrangement shall be taken under eminent domain, BellSouth

and CGI shall each have the right to terminate this Attachment with respect to such Remote Collocation Space or Remote Site Adjacent Arrangement and declare the same null and void, by written notice of such intention to the other Party within ten (10) calendar days after such taking.

15. Nonexclusivity

- 15.1 CGI understands that this Attachment is not exclusive and that BellSouth may enter into similar agreements with other Parties. Assignment of space pursuant to all such agreements shall be determined by space availability and made on a first come, first served basis.

ENVIRONMENTAL AND SAFETY PRINCIPLES

The following principles provide basic guidance on environmental and safety issues when applying for and establishing Physical Collocation arrangements.

1. GENERAL PRINCIPLES

- 1.1 Compliance with Applicable Law. BellSouth and CGI agree to comply with applicable federal, state, and local environmental and safety laws and regulations including U.S. Environmental Protection Agency (USEPA) regulations issued under the Clean Air Act (CAA), Clean Water Act (CWA), Resource Conservation and Recovery Act (RCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Superfund Amendments and Reauthorization Act (SARA), the Toxic Substances Control Act (TSCA), and OSHA regulations issued under the Occupational Safety and Health Act of 1970, as amended and NFPA and National Electrical Codes (NEC) and the NESC ("Applicable Laws"). Each Party shall notify the other if compliance inspections are conducted by regulatory agencies and/or citations are issued that relate to any aspect of this Attachment.
- 1.2 Notice. BellSouth and CGI shall provide notice to the other, including Material Safety Data Sheets (MSDSs), of known and recognized physical hazards or Hazardous Chemicals existing on site or brought on site. A Hazardous Chemical inventory list is posted on an OSHA Poster and updated annually at each Central Office. This Poster is normally located near the front entrance of the building or in the lounge area. Each Party is required to provide specific notice for known potential Imminent Danger conditions. CGI should contact 1-800-743-6737 for any BellSouth MSDS required.
- 1.3 Practices/Procedures. BellSouth may make available additional environmental control procedures for CGI to follow when working at a BellSouth Remote Site Location (See Section 2, below). These practices/procedures will represent the regular work practices required to be followed by the employees and suppliers of BellSouth for environmental protection. CGI will require its suppliers, agents and others accessing the BellSouth Remote Site Location to comply with these practices. Section 2 lists the Environmental categories where BST practices should be followed by CGI when operating in the BellSouth Remote Site Location.
- 1.4 Environmental and Safety Inspections. BellSouth reserves the right to inspect the CGI space with proper notification. BellSouth reserves the right to stop any CGI work operation that imposes Imminent Danger to the environment, employees or other persons in the area or Remote Site Location.
- 1.5 Hazardous Materials Brought On Site. Any hazardous materials brought into, used, stored or abandoned at the BellSouth Remote Site Location by CGI are owned by CGI. CGI will indemnify BellSouth for claims, lawsuits or damages to persons or property caused by these materials. Without prior written BellSouth approval, no

- substantial new safety or environmental hazards can be created by CGI or different hazardous materials used by CGI at the BellSouth Remote Site Location. CGI must demonstrate adequate emergency response capabilities for its materials used or remaining at the BellSouth Remote Site Location.
- 1.6 Spills and Releases. When contamination is discovered at a BellSouth Remote Site Location, the Party discovering the condition must notify BellSouth. All Spills or Releases of regulated materials will immediately be reported by CGI to BellSouth.
- 1.7 Coordinated Environmental Plans and Permits. BellSouth and CGI will coordinate plans, permits or information required to be submitted to government agencies, such as emergency response plans, spill prevention control and countermeasures (SPCC) plans and community reporting. If fees are associated with filing, BellSouth and CGI will develop a cost sharing procedure. If BellSouth's permit or EPA identification number must be used, CGI must comply with all of BellSouth's permit conditions and environmental processes, including environmental "best management practices (BMP)" (see Section 2, below) and/or selection of BST disposition vendors and disposal sites.
- 1.8 Environmental and Safety Indemnification. BellSouth and CGI shall indemnify, defend and hold harmless the other Party from and against any claims (including, without limitation, third-party claims for personal injury or death or real or personal property damage), judgments, damages, (including direct and indirect damages, and punitive damages), penalties, fines, forfeitures, costs, liabilities, interest and losses arising in connection with the violation or alleged violation of any Applicable Law or contractual obligation or the presence or alleged presence of contamination arising out of the acts or omissions of the indemnifying Party, its agents, suppliers, or employees concerning its operations at the Remote Site Location.
- 2. CATEGORIES FOR CONSIDERATION OF ENVIRONMENTAL ISSUES**
- 2.1 When performing functions that fall under the following Environmental categories on BellSouth's Remote Site Location, CGI agrees to comply with the applicable sections of the current issue of BellSouth's Environmental and Safety Methods and Procedures (M&Ps), incorporated herein by this reference. CGI further agrees to cooperate with BellSouth to ensure that CGI's employees, agents, and/or suppliers are knowledgeable of and satisfy those provisions of BellSouth's Environmental M&Ps which apply to the specific Environmental function being performed by CGI, its employees, agents and/or suppliers.
- 2.1.1 The most current version of reference documentation must be requested from CGI's BellSouth Account Team Collocation Coordinator (ATCC) Representative.

ENVIRONMENTAL CATEGORIES	ENVIRONMENTAL ISSUES	ADDRESSED BY THE FOLLOWING DOCUMENTATION
Disposal of hazardous material or other regulated material (e.g., batteries, fluorescent tubes, solvents & cleaning materials)	<p>Compliance with all applicable local, state, & federal laws and regulations</p> <p>Pollution liability insurance</p> <p>EVET approval of supplier</p>	<ul style="list-style-type: none"> • Std T&C 450 • Fact Sheet Series 17000 • Std T&C 660-3 • Approved Environmental Vendor List (Contact ATCC Representative)
Emergency response	Hazmat/waste release/spill fire safety emergency	<ul style="list-style-type: none"> • Fact Sheet Series 1700 • Building Emergency Operations Plan (EOP) (specific to and located on Remote Site Location)
Contract labor/outsourcing for services with environmental implications to be performed on BellSouth Remote Site Location (e.g., disposition of hazardous material/waste; maintenance of storage tanks)	<p>Compliance with all applicable local, state, & federal laws and regulations</p> <p>Performance of services in accordance with BST's environmental M&Ps</p> <p>Insurance</p>	<ul style="list-style-type: none"> • Std T&C 450 • Std T&C 450-B • (Contact ATCC Representative for copy of appropriate E/S M&Ps.) • Std T&C 660
Transportation of hazardous material	<p>Compliance with all applicable local, state, & federal laws and regulations</p> <p>Pollution liability insurance</p> <p>EVET approval of supplier</p>	<ul style="list-style-type: none"> • Std T&C 450 • Fact Sheet Series 17000 • Std T&C 660-3 • Approved Environmental Vendor List (Contact ATCC Representative)
<p>Maintenance/operations work which may produce a waste</p> <p>Other maintenance work</p>	<p>Compliance with all applicable local, state, & federal laws and regulations</p> <p>Protection of BST employees and equipment</p>	<ul style="list-style-type: none"> • Std T&C 450 • 29CFR 1910.147 (OSHA Standard) • 29CFR 1910 Subpart O (OSHA Standard)

Janitorial services	<p>All waste removal and disposal must conform to all applicable federal, state and local regulations</p> <p>All Hazardous Material and Waste</p> <p>Asbestos notification and protection of employees and equipment</p>	<ul style="list-style-type: none"> • –Procurement Manager (CRES Related Matters)-BST Supply Chain Services • Fact Sheet Series 17000 • GU-BTEN-001BT, Chapter 3 • BSP 010-170-001BS (Hazcom)
Manhole cleaning	<p>Compliance with all applicable local, state, & federal laws and regulations</p> <p>Pollution liability insurance</p> <p>EVET approval of supplier</p>	<ul style="list-style-type: none"> • Std T&C 450 • Fact Sheet 14050 • BSP 620-145-011PR Issue A, August 1996 • Std T&C 660-3 • Approved Environmental Vendor List (Contact ATCC Representative)
Removing or disturbing building materials that may contain asbestos	Asbestos work practices	<ul style="list-style-type: none"> • GU-BTEN-001BT, Chapter 3 <p>For questions regarding removing or disturbing materials that contain asbestos, call the BellSouth Building Service Center: AL, MS, TN, KY & LA (local area code) 557-6194 FL, GA, NC & SC (local area code) 780-2740</p>

3. DEFINITIONS

Generator. Under RCRA, the person whose act produces a Hazardous Waste, as defined in 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.

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.

Hazardous Waste. As defined in section 1004 of RCRA.

Version 2Q02: 05/31/02

Imminent Danger. Any conditions or practices at a facility which are such that a danger exists which could reasonably be expected to cause immediate death or serious harm to people or immediate significant damage to the environment or natural resources.

Spill or Release. As defined in Section 101 of CERCLA.

4. ACRONYMS

ATCC – Account Team Collocation Coordinator

BST – BellSouth Telecommunications

CRES – Corporate Real Estate and Services (formerly PS&M)

DEC/LDEC - Department Environmental Coordinator/Local Department Environmental Coordinator

E/S – Environmental/Safety

EVET - Environmental Vendor Evaluation Team

GU-BTEN-001BT - BellSouth Environmental Methods and Procedures

NESC - National Electrical Safety Codes

P&SM - Property & Services Management

Std T&C - Standard Terms & Conditions

THREE-MONTH CLEC REMOTE SITE COLLOCATION FORECAST

CLEC NAME _____

DATE _____

STATE	City	CLLI	# Bays	# Of 25 Pair Binder Groups At FDI	Entrance Facilities # Of Sheaths & # Of Fibers	Proposed Application Date	NOTES

Note: Forecast information will be used for no other purpose than collocation planning.

COLLOCATION - Alabama												Attachment: 4		Exhibit: D		
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)				
								First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN
PHYSICAL COLLOCATION																
		Physical Collocation - Application Fee - Initial			CLO	PE1BA		1,879.48	1,879.48	0.51	0.51					
		Physical Collocation - Application Fee - Subsequent			CLO	PE1CA		1,566.60	1,566.60	0.51	0.51					
		Physical Collocation - Cageless - Application Fee - Initial			CLO	PE1CH		1,205.26	1,205.26	0.51	0.51					
		Physical Collocation Administrative Only - Application Fee			CLO	PE1BL		742.15								
		Physical Collocation - Space Preparation - Firm Order Processing			CLO	PE1SJ		600.71	600.71							
		Physical Collocation - Space Preparation - C.O. Modification per square ft.			CLO	PE1SK	1.96									
		Physical Collocation - Space Preparation - Common Systems Modification per square ft. - Cageless			CLO	PE1SL	2.62									
		Physical Collocation - Space Preparation - Common Systems Modification per Cage			CLO	PE1SM	88.86									
		Physical Collocation - Cable Installation			CLO	PE1BD		859.71	859.71	22.49	22.49					
		Physical Collocation - Floor Space per Sq. Ft.			CLO	PE1PJ	3.22									
		Physical Collocation - Cable Support Structure			CLO	PE1PM	17.11									
		Physical Collocation - Cageless - Cable Support Structure			CLO	PE1CJ	14.97									
		Physical Collocation - Power -48V DC Power, per Fused Amp			CLO	PE1PL	7.83									
		Physical Collocation - Power Reduction, Application Fee			CLO	PE1PR		399.51								
		Physical Collocation - 120V, Single Phase Standby Power Rate			CLO	PE1FB	4.91									
		Physical Collocation - 240V, Single Phase Standby Power Rate			CLO	PE1FD	9.84									
		Physical Collocation - 120V, Three Phase Standby Power Rate			CLO	PE1FE	14.74									
		Physical Collocation - 277V, Three Phase Standby Power Rate			CLO	PE1FG	34.06									
		Physical Collocation - 2-Wire Cross-Connects			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,UDL, UNCVX, UNLDX, UNCNX	PE1P2	0.03	12.30	11.80	6.03	5.44					
		Physical Collocation - 4-Wire Cross-Connects			CLO, UAL, UDL, UDN, UEA, UHL, UNCVX, UNCDX, UCL	PE1P4	0.05	12.39	11.87	6.39	5.73					
		Physical Collocation - DS1 Cross-Connects			CLO,UEANL,UEQ,WDS1L,WDS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1, UDL	PE1P1	1.11	22.03	15.93	6.40	5.79					
		Physical Collocation - DS3 Cross-Connects			CLO, UE3,U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3, UDL	PE1P3	14.16	20.89	15.20	7.38	5.92					
		Physical Collocation - 2-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F2	2.81	20.89	15.20	7.38	5.92					
		Physical Collocation - Cageless - 2 Fiber Cross Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1CK	2.84	20.89	15.20	7.38	5.92					

COLLOCATION - Alabama														Attachment: 4		Exhibit: D	
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
								First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Physical Collocation - 4-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F4	4.99	25.55	19.86	9.71	8.25						
		Physical Collocation - Cageless - 4-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1CL	5.69	25.55	19.86	9.71	8.25						
		Physical Collocation - Welded Wire Cage - First 100 Sq. Ft.			CLO	PE1BW	156.33										
		Physical Collocation - Welded Wire Cage - Add'l 50 Sq. Ft.			CLO	PE1CW	15.34										
		Physical Collocation - Security Access System - Security System per Central Office			CLO	PE1AX	45.70										
		Physical Collocation - Security Access System - New Access Card Activation, per Card			CLO	PE1A1	0.05	27.79	27.79								
		Physical Collocation-Security Access System-Administrative Change, existing Access Card, per Request, per State, per Card			CLO	PE1AA		7.79	7.79								
		Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card			CLO	PE1AR		22.78	22.78								
		Physical Collocation - Security Access - Initial Key, per Key			CLO	PE1AK		13.10	13.10								
		Physical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key			CLO	PE1AL		13.10	13.10								
		Physical Collocation - Space Availability Report per premises			CLO	PE1SR		1,075.17	1,075.17								
		POT Bay Arrangements prior to 6/1/99 - 2-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UDL, UNCVX, UNCDX, UNCNX	PE1PE	0.08										
		POT Bay Arrangements prior to 6/1/99 - 4-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, USL, UNCVX, UNCDX	PE1PF	0.17										
		POT Bay Arrangements prior to 6/1/99 - DS1 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,WDS1L,W DS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1	PE1PG	1.20										
		POT Bay Arrangements prior to 6/1/99 - DS3 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UE3, U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UNLD3, UDL, UDL SX	PE1PH	10.67										
		POT Bay Arrangements prior to 6/1/99 - 2-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B2	36.40										

COLLOCATION - Alabama											Attachment: 4		Exhibit: D				
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
								First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		POT Bay Arrangements prior to 6/1/99 - 4-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B4	49.09										
		Physical Collocation - Request Resend of CFA Information, per CLI			CLO	PE1C9		77.56									
		Nonrecurring Collocation Cable Records - per request			CLO	PE1CR		759.29	488.11	133.00	133.00						
		Nonrecurring Collocation Cable Records - VG/DS0 Cable, per cable record			CLO	PE1CD		326.92	326.92	189.12	189.12						
		Nonrecurring Collocation Cable Records - VG/DS0 Cable, per each 100 pair			CLO	PE1CO		4.81	4.81	5.90	5.90						
		Nonrecurring Collocation Cable Records - DS1, per T1TIE			CLO	PE1C1		2.25	2.25	2.76	2.76						
		Nonrecurring Collocation Cable Records - DS3, per T3TIE			CLO	PE1C3		7.88	7.88	9.66	9.66						
		Nonrecurring Collocation Cable Records - Fiber Cable, per 99 fiber records			CLO	PE1CB		84.49	84.49	77.13	77.13						
		Physical Collocation - Security Escort - Basic, per Half Hour			CLO,CLORS	PE1BT		16.93	10.73								
		Physical Collocation - Security Escort - Overtime, per Half Hour			CLO,CLORS	PE1OT		22.05	13.86								
		Physical Collocation - Security Escort - Premium, per Half Hour			CLO,CLORS	PE1PT		27.17	16.98								
		V to P Conversion, Per Customer Request-Voice Grade			CLO	PE1BV	33.00										
		V to P Conversion, Per Customer Request-DS0			CLO	PE1BO	33.00										
		V to P Conversion, Per Customer Request-DS1			CLO	PE1B1	52.00										
		V to P Conversion, Per Customer request-DS3			CLO	PE1B3	52.00										
		V to P Conversion, Per Customer Request per VG Circuit Reconfigured			CLO	PE1BR	23.00										
		V to P Conversion, Per Customer Request per DS0 Circuit Reconfigured			CLO	PE1BP	23.00										
		V to P Conversion, Per Customer Request per DS1 Circuit Reconfigured			CLO	PE1BS	33.00										
		V to P Conversion, Per Customer Request per DS3 Circuit Reconfigured			CLO	PE1BE	37.00										
		V to P Conversion, Cable Pairs Assigned to Collo Space per 700 prs or fraction thereof			CLO	PE1B7	592.00										
		Physical Collocation - Co-Carrier Cross Connects - Fiber Cable Support Structure, per cable, per linear ft.			CLO,UDF	PE1ES	0.0011										
		Physical Collocation - Co-Carrier Cross Connects - Copper/Coax Cable Support Structure, per cable, per lin. ft.			CLO, UE3, USL	PE1DS	0.0016										
		Physical Collocation - Co-Carrier Cross Connects - Application Fee, per application			CLO	PE1DT		584.22									
PHYSICAL COLLOCATION																	
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Res			UEPSR	PE1R2	0.03	12.30	11.80	6.03	5.44		15.66				
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Line Side PBX Trunk - Bus			UEPSP	PE1R2	0.03	12.30	11.80	6.03	5.44		15.66				
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Voice Grade PBX Trunk - Res			UEPSE	PE1R2	0.03	12.30	11.80	6.03	5.44		15.66				
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Bus			UEPSB	PE1R2	0.03	12.30	11.80	6.03	5.44		15.66				
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPSX	PE1R2	0.03	12.30	11.80	6.03	5.44		15.66				
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPTX	PE1R2	0.03	12.30	11.80	6.03	5.44		15.66				
		Physical Collocation 4-Wire Cross Connect, Exchange Port 4-Wire ISDN DS1			UEPEX	PE1R4	0.05	12.39	11.87	6.39	5.73		15.66				
ADJACENT COLLOCATION																	

COLLOCATION - Alabama											Attachment: 4		Exhibit: D						
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
										Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
						Rec				First	Add'l	First	Add'l	SOME	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
								CLOAC	PE1JA	0.14									
								CLOAC	PE1JC	5.41									
								CLOAC	PE1P2	0.02	12.30	11.80	6.03	5.44					
								UEA,UHL,UDL,UCL, CLOAC	PE1P4	0.04	12.39	11.87	6.39	5.73					
								USL,CLOAC	PE1P1	1.03	22.03	15.93	6.40	5.79					
								CLOAC	PE1P3	13.95	20.89	15.20	7.38	5.92					
								CLOAC	PE1F2	2.36	20.89	15.20	7.38	5.92					
								CLOAC	PE1F4	4.52	25.55	19.86	9.71	8.25					
								CLOAC	PE1JB		1,576.69		0.51						
								CLOAC	PE1FB	4.91									
								CLOAC	PE1FD	9.84									
								CLOAC	PE1FE	14.74									
								CLOAC	PE1FG	34.06									
								CLOAC			ICB								
PHYSICAL COLLOCATION IN THE REMOTE SITE																			
								CLORS	PE1RA		307.70	307.70	168.22	168.22					
								CLORS	PE1RB	201.42									
								CLORS	PE1RD		13.10	13.10							
								CLORS	PE1SR		115.87	115.87							
								CLORS	PE1RE		37.56	37.56							
								CLORS	PE1RR		233.38								
PHYSICAL COLLOCATION IN THE REMOTE SITE - ADJACENT																			
								CLORS	PE1RS	6.27									
								CLORS	PE1RT	0.134									
								CLORS	PE1RU		755.62	755.62							
NOTE: If Security Escort and/or Add'l Engineering Fees become necessary for remote site collocation, the Parties will negotiate appropriate rates.																			

COLLOCATION - Florida										Attachment: 4		Exhibit: D					
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
								First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
PHYSICAL COLLOCATION																	
		Physical Collocation - Application Fee - Initial			CLO	PE1BA		2,597.00		1.01							
		Physical Collocation - Application Fee - Subsequent			CLO	PE1CA		2,236.00		1.01							
		Physical Collocation Administrative Only - Application Fee			CLO	PE1BL		742.00									
		Physical Collocation - Space Preparation - Firm Order Processing			CLO	PE1SJ		288.93									
		Physical Collocation - Space Preparation - C.O. Modification per square ft.			CLO	PE1SK	2.38										
		Physical Collocation - Space Preparation - Common Systems Modification per square ft. - Cageless			CLO	PE1SL	2.96										
		Physical Collocation - Space Preparation - Common Systems Modification per Cage			CLO	PE1SM	92.55										
		Physical Collocation - Cable Installation per Cable			CLO	PE1BD		1,750.00		45.16							
		Physical Collocation - Floor Space per Sq. Ft.			CLO	PE1PJ	7.86										
		Physical Collocation - Cable Support Structure			CLO	PE1PM	18.96										
		Physical Collocation - Power, per Fused Amp			CLO	PE1PL	7.80										
		Physical Collocation - Power Reduction, Application Fee	I		CLO	PE1PR		399.43									
		Physical Collocation - 120V, Single Phase Standby Power Rate			CLO	PE1FB	5.38										
		Physical Collocation - 240V, Single Phase Standby Power Rate			CLO	PE1FD	10.77										
		Physical Collocation - 120V, Three Phase Standby Power Rate			CLO	PE1FE	16.15										
		Physical Collocation - 277V, Three Phase Standby Power Rate			CLO	PE1FG	37.30										
		Physical Collocation - 2-Wire Cross-Connects			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,UDL,UNCVX, UNLDX,UNCNX	PE1P2	0.0276	8.22	7.22	5.74	4.58						
		Physical Collocation - 4-Wire Cross-Connects			CLO, UAL, UDL, UDN, UEA, UHL, UNCVX, UNCDX, UCL	PE1P4	0.0552	8.42	7.36	5.90	4.66						
		Physical Collocation - DS1 Cross-Connects			CLO,UEANL,UEQ,W DS1L,WDS1S,USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1, UDL	PE1P1	1.32	27.77	15.52	5.93	4.77						
		Physical Collocation - DS3 Cross-Connects			CLO, UE3,U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3, UDL	PE1P3	16.81	25.48	14.05	7.77	5.01						
		Physical Collocation - 2-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F2	3.34	41.94	30.52	13.91	11.16						
		Physical Collocation - 4-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F4	5.92	51.30	39.87	18.29	15.54						
		Physical Collocation - Welded Wire Cage - First 100 Sq. Ft.			CLO	PE1BW	189.45										
		Physical Collocation - Welded Wire Cage - Add'l 50 Sq. Ft.			CLO	PE1CW	18.58										

COLLOCATION - Florida												Attachment: 4		Exhibit: D		
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)				
								First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN
		Physical Collocation - Security System Per Central Office Per Assignable Sq. Ft.			CLO	PE1AY	0.0105									
		Physical Collocation - Security Access System - New Access Card Activation, per Card			CLO	PE1A1	0.0577	55.80								
		Physical Collocation-Security Access System-Administrative Change, existing Access Card, per Request, per State, per Card			CLO	PE1AA		15.65								
		Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card			CLO	PE1AR		45.75								
		Physical Collocation - Security Access - Initial Key, per Key			CLO	PE1AK		26.30								
		Physical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key			CLO	PE1AL		26.30								
		Physical Collocation - Space Availability Report per premises			CLO	PE1SR		2,159.00								
		POT Bay Arrangements prior to 6/1/99 - 2-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UDL, UNCVX, UNCDX, UNCNX	PE1PE	0.00									
		POT Bay Arrangements prior to 6/1/99 - 4-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, USL, UNCVX, UNCDX	PE1PF	0.00									
		POT Bay Arrangements prior to 6/1/99 - DS1 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,WDS1L,W DS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1	PE1PG	0.00									
		POT Bay Arrangements prior to 6/1/99 - DS3 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UE3, U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UNLD3, UDL, UDLSX	PE1PH	0.00									
		POT Bay Arrangements prior to 6/1/99 - 2-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B2	0.00									
		POT Bay Arrangements prior to 6/1/99 - 4-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B4	0.00									
		Physical Collocation - Request Resend of CFA Information, per CLI			CLO	PE1C9		77.54								
		Nonrecurring Collocation Cable Records - per request			CLO	PE1CR		1,525.00	980.22	267.08						
		Nonrecurring Collocation Cable Records - VG/DS0 Cable, per cable record			CLO	PE1CD		656.50		379.78						
		Nonrecurring Collocation Cable Records - VG/DS0 Cable, per each 100 pair			CLO	PE1CO		9.66	9.66	11.84	11.84					

COLLOCATION - Florida											Attachment: 4		Exhibit: D				
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
								First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Nonrecurring Collocation Cable Records - DS1, per T1TIE			CLO	PE1C1		4.52	4.52	5.54	5.54						
		Nonrecurring Collocation Cable Records - DS3, per T3TIE			CLO	PE1C3		15.82	15.82	19.40	19.40						
		Nonrecurring Collocation Cable Records - Fiber Cable, per 99 fiber records			CLO	PE1CB		169.67	169.67	154.89	154.89						
		Physical Collocation - Security Escort - Basic, Per Quarter Hour			CLO	PE1BQ		10.89									
		Physical Collocation - Security Escort - Overtime, Per Quarter Hour			CLO	PE1OQ		13.64									
		Physical Collocation - Security Escort - Premium, Per Quarter Hour			CLO	PE1PQ		16.40									
		Physical Collocation - Security Escort - Basic, per Half Hour			CLO,CLORS	PE1BT		33.99	21.54								
		Physical Collocation - Security Escort - Overtime, per Half Hour			CLO,CLORS	PE1OT		44.27	27.82								
		Physical Collocation - Security Escort - Premium, per Half Hour			CLO,CLORS	PE1PT		54.55	34.10								
		V to P Conversion, Per Customer Request-Voice Grade			CLO	PE1BV	33.00										
		V to P Conversion, Per Customer Request-DS0			CLO	PE1BO	33.00										
		V to P Conversion, Per Customer Request-DS1			CLO	PE1B1	52.00										
		V to P Conversion, Per Customer request-DS3			CLO	PE1B3	52.00										
		V to P Conversion, Per Customer Request per VG Circuit Reconfigured			CLO	PE1BR	23.00										
		V to P Conversion, Per Customer Request per DS0 Circuit Reconfigured			CLO	PE1BP	23.00										
		V to P Conversion, Per Customer Request per DS1 Circuit Reconfigured			CLO	PE1BS	33.00										
		V to P Conversion, Per Customer Request per DS3 Circuit Reconfigured			CLO	PE1BE	37.00										
		V to P Conversion, Cable Pairs Assigned to Collo Space per 700 prs or fraction thereof			CLO	PE1B7	592.00										
		Physical Collocation - Co-Carrier Cross Connects - Fiber Cable Support Structure, per cable, per linear ft.			CLO,UDF	PE1ES	0.001										
		Physical Collocation - Co-Carrier Cross Connects - Copper/Coax Cable Support Structure, per cable, per lin. ft.			CLO, UE3, USL	PE1DS	0.0014										
		Physical Collocation - Co-Carrier Cross Connects - Application Fee, per application			CLO	PE1DT		584.11									
PHYSICAL COLLOCATION																	
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Res			UEPSR	PE1R2	0.074	34.53	32.51			11.90					
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Line Side PBX Trunk - Bus			UEPSP	PE1R2	0.074	34.53	32.51			11.90					
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Voice Grade PBX Trunk - Res			UEPSE	PE1R2	0.074	34.53	32.51			11.90					
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Bus			UEPSB	PE1R2	0.074	34.53	32.51			11.90					
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPSX	PE1R2	0.074	34.53	32.51			11.90					
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPTX	PE1R2	0.074	34.53	32.51			11.90					
		Physical Collocation 4-Wire Cross Connect, Exchange Port 4-Wire ISDN DS1			UEPEX	PE1R4	0.148	34.54	32.53			11.90					
ADJACENT COLLOCATION																	
		Adjacent Collocation - Space Charge per Sq. Ft.			CLOAC	PE1JA	0.1635										
		Adjacent Collocation - Electrical Facility Charge per Linear Ft.			CLOAC	PE1JC	5.11										
		Adjacent Collocation - 2-Wire Cross-Connects			CLOAC	PE1P2	0.0213	24.69	23.69	11.77	10.62						
		Adjacent Collocation - 4-Wire Cross-Connects			UEA,UHL,UDL,UCL, CLOAC	PE1P4	0.0426	24.88	23.83	12.04	10.80						
		Adjacent Collocation - DS1 Cross-Connects			USL,CLOAC	PE1P1	1.22	44.24	31.98	12.07	10.91						
		Adjacent Collocation - DS3 Cross-Connects			CLOAC	PE1P3	16.56	41.94	30.52	13.91	11.15						
		Adjacent Collocation - 2-Fiber Cross-Connect			CLOAC	PE1F2	2.81	41.94	30.52	13.91	11.16						

COLLOCATION - Florida											Attachment: 4		Exhibit: D				
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l		
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)						
							First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
	Adjacent Collocation - 4-Fiber Cross-Connect			CLOAC	PE1F4	5.36	51.30	39.87	18.29	15.54							
	Adjacent Collocation - Application Fee			CLOAC	PE1JB		2,785.00		1.01								
	Adjacent Collocation - 120V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FB	5.38											
	Adjacent Collocation - 240V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FD	10.77											
	Adjacent Collocation - 120V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FE	16.15											
	Adjacent Collocation - 277V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FG	37.30											
	Adjacent Collocation - Cable Support Structure per Entrance Cable			CLOAC	PE1PM	18.96											
PHYSICAL COLLOCATION IN THE REMOTE SITE																	
	Physical Collocation in the Remote Site - Application Fee			CLORS	PE1RA		617.91		328.81								
	Cabinet Space in the Remote Site per Bay/ Rack			CLORS	PE1RB	219.49											
	Physical Collocation in the Remote Site - Security Access - Key			CLORS	PE1RD		26.30										
	Physical Collocation in the Remote Site - Space Availability Report per Premises Requested			CLORS	PE1SR		232.69										
	Physical Collocation in the Remote Site - Remote Site CLLI Code Request, per CLLI Code Requested			CLORS	PE1RE		75.41										
	Remote Site DLEC Data (BRSD), per Compact Disk, per CO			CLORS	PE1RR		233.51										
PHYSICAL COLLOCATION IN THE REMOTE SITE - ADJACENT																	
	Remote Site-Adjacent Collocation - AC Power, per breaker amp			CLORS	PE1RS	6.27											
	Remote Site-Adjacent Collocation - Real Estate, per square foot			CLORS	PE1RT	0.134											
	Remote Site-Adjacent Collocation-Application Fee			CLORS	PE1RU		755.62	755.62									
NOTE: If Security Escort and/or Add'l Engineering Fees become necessary for remote site collocation, the Parties will negotiate appropriate rates.																	

COLLOCATION - Georgia										Attachment: 4		Exhibit: D				
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)				
								First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN
PHYSICAL COLLOCATION																
		Physical Collocation - Application Fee - Initial			CLO	PE1BA		3,850.00								
		Physical Collocation - Application Fee - Subsequent			CLO	PE1CA		3,130.00	3,130.00							
		Physical Collocation Administrative Only - Application Fee			CLO	PE1BL		740.83								
		Physical Collocation - Space Preparation Fee Per Square Ft.			CLO	PE1SS		100.00	100.00							
		Physical Collocation - Space Preparation - Firm Order Processing	I		CLO	PE1SJ		1,187.00								
		Physical Collocation - Space Preparation - C.O. Modification per square ft.	I		CLO	PE1SK	2.02									
		Physical Collocation - Space Preparation - Common Systems Modification per square ft. - Cageless	I		CLO	PE1SL	2.80									
		Physical Collocation - Space Preparation - Common Systems Modification per Cage	I		CLO	PE1SM	95.23									
		Physical Collocation - Cable Installation			CLO	PE1BD		2,750.00	2,750.00							
		Physical Collocation - Floor Space per Sq. Ft.			CLO	PE1PJ	7.50									
		Physical Collocation - Floor Space - Zone B per Sq. Ft.			CLO	PE1PK	6.75									
		Physical Collocation - Cable Support Structure			CLO	PE1PM	13.35									
		Physical Collocation - Power -48V DC Power, per Fused Amp	I		CLO	PE1PL	8.06									
		Physical Collocation - Power Reduction, Application Fee	I		CLO	PE1PR		398.80								
		Physical Collocation - 120V, Single Phase Standby Power Rate	I		CLO	PE1FB	5.52									
		Physical Collocation - 240V, Single Phase Standby Power Rate	I		CLO	PE1FD	11.05									
		Physical Collocation - 120V, Three Phase Standby Power Rate	I		CLO	PE1FE	16.58									
		Physical Collocation - 277V, Three Phase Standby Power Rate	I		CLO	PE1FG	38.27									
		Physical Collocation - 2-Wire Cross-Connects			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,UDL, UNCVX, UNLDX, UNCNX	PE1P2	0.30	12.60	12.60							
		Physical Collocation - 4-Wire Cross-Connects			CLO, UAL, UDL, UDN, UEA, UHL, UNCVX, UNCDX, UCL	PE1P4	0.50	12.60	12.60							
		Physical Collocation - DS1 Cross-Connects			CLO,UEANL,UEQ,W DS1L,WDS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1, UDL	PE1P1	8.00	155.00	27.00							
		Physical Collocation - DS3 Cross-Connects			CLO, UE3,U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3, UDL	PE1P3	72.00	155.00	27.00							
		Physical Collocation - 2-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F2	2.86	52.14	38.72							
		Physical Collocation - 4-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F4	5.08	64.74	51.31							

COLLOCATION - Georgia										Attachment: 4		Exhibit: D	
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)		Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)		
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN
	Physical Collocation - Welded Wire Cage - First 100 Sq. Ft.	I		CLO	PE1BW	161.27							
	Physical Collocation - Welded Wire Cage - Add'l 50 Sq. Ft.	I		CLO	PE1CW	15.82							
	Physical Collocation - Security System Per Central Office Per Assignable Sq. Ft.			CLO	PE1AY	0.0172							
	Physical Collocation - Security Access System - New Access Card Activation, per Card			CLO	PE1A1	0.0607	46.20	46.20					
	Physical Collocation - Security Access System - New Access Card Deactivation, per Card			CLO	PE1A4		8.72	8.72					
	Physical Collocation-Security Access System-Administrative Change, existing Access Card, per Request, per State, per Card			CLO	PE1AA		15.40	15.40					
	Physical Collocation - Security Access System- Replace Lost or Stolen Card, per Card			CLO	PE1AR		45.02	45.02					
	Physical Collocation - Security Access - Initial Key, per Key			CLO	PE1AK		26.16	26.16					
	Physical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key			CLO	PE1AL		26.16	26.16					
	Physical Collocation - Space Availability Report per premises	I		CLO	PE1SR		2,148.00	2,148.00					
	POT Bay Arrangements prior to 6/1/99 - 2-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UDL, UNCVX, UNCDX, UNCNX	PE1PE	0.40							
	POT Bay Arrangements prior to 6/1/99 - 4-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, USL, UNCVX, UNCDX	PE1PF	1.20							
	POT Bay Arrangements prior to 6/1/99 - DS1 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,WDS1L,W DS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1	PE1PG	1.20							
	POT Bay Arrangements prior to 6/1/99 - DS3 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UE3, U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UNLD3, UDL, UDLSX	PE1PH	8.00							
	POT Bay Arrangements prior to 6/1/99 - 2-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B2	38.79							
	POT Bay Arrangements prior to 6/1/99 - 4-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B4	52.31							
	Physical Collocation - Request Resend of CFA Information, per CLI			CLO	PE1C9		77.42						
	Nonrecurring Collocation Cable Records - per request			CLO	PE1CR		1,706.00						

COLLOCATION - Georgia											Attachment: 4		Exhibit: D				
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
								First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Nonrecurring Collocation Cable Records - VG/DS0 Cable, per cable record			CLO	PE1CD		922.38									
		Nonrecurring Collocation Cable Records - VG/DS0 Cable, per each 100 pair			CLO	PE1CO		18.00	18.00								
		Nonrecurring Collocation Cable Records - DS1, per T1TIE			CLO	PE1C1		8.43	8.43								
		Nonrecurring Collocation Cable Records - DS3, per T3TIE			CLO	PE1C3		29.49	29.49								
		Nonrecurring Collocation Cable Records - Fiber Cable, per 99 fiber records			CLO	PE1CB		278.61	278.61								
		Physical Collocation - Security Escort - Basic, per Half Hour			CLO,CLORS	PE1BT		41.00	25.00								
		Physical Collocation - Security Escort - Overtime, per Half Hour			CLO,CLORS	PE1OT		48.00	30.00								
		Physical Collocation - Security Escort - Premium, per Half Hour			CLO,CLORS	PE1PT		55.00	35.00								
		V to P Conversion, Per Customer Request-Voice Grade			CLO	PE1BV	33.00										
		V to P Conversion, Per Customer Request-DS0			CLO	PE1BO	33.00										
		V to P Conversion, Per Customer Request-DS1			CLO	PE1B1	52.00										
		V to P Conversion, Per Customer request-DS3			CLO	PE1B3	52.00										
		V to P Conversion, Per Customer Request per VG Circuit Reconfigured			CLO	PE1BR	23.00										
		V to P Conversion, Per Customer Request per DS0 Circuit Reconfigured			CLO	PE1BP	23.00										
		V to P Conversion, Per Customer Request per DS1 Circuit Reconfigured			CLO	PE1BS	33.00										
		V to P Conversion, Per Customer Request per DS3 Circuit Reconfigured			CLO	PE1BE	37.00										
		V to P Conversion, Cable Pairs Assigned to Collo Space per 700 prs or fraction thereof			CLO	PE1B7	592.00										
		Physical Collocation - Co-Carrier Cross Connects - Fiber Cable Support Structure, per cable, per linear ft.			CLO,UDF	PE1ES	0.001										
		Physical Collocation - Co-Carrier Cross Connects - Copper/Coax Cable Support Structure, per cable, per lin. ft.			CLO, UE3, USL	PE1DS	0.0015										
		Physical Collocation - Co-Carrier Cross Connects - Application Fee, per application			CLO	PE1DT	583.18										
PHYSICAL COLLOCATION																	
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Res			UEPSR	PE1R2	0.30	12.60	12.60				18.94	8.42			
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Line Side PBX Trunk - Bus			UEPSP	PE1R2	0.30	12.60	12.60				18.94	8.42			
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Voice Grade PBX Trunk - Res			UEPSE	PE1R2	0.30	12.60	12.60				18.94	8.42			
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Bus			UEPSB	PE1R2	0.30	12.60	12.60				18.94	8.42			
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPSX	PE1R2	0.30	12.60	12.60				18.94	8.42			
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPTX	PE1R2	0.30	12.60	12.60				18.94	8.42			
		Physical Collocation 4-Wire Cross Connect, Exchange Port 4-Wire ISDN DS1			UEPEX	PE1R4	0.50	12.60	12.60				18.94	8.42			
ADJACENT COLLOCATION																	
		Adjacent Collocation - Space Charge per Sq. Ft.			CLOAC	PE1JA	0.2542										
		Adjacent Collocation - Electrical Facility Charge per Linear Ft.			CLOAC	PE1JC	5.44										
		Adjacent Collocation - 2-Wire Cross-Connects			CLOAC	PE1P2	0.598	24.95	23.97	11.80	10.67						
		Adjacent Collocation - 4-Wire Cross-Connects			UEA,UHL,UDL,UCL,CLOAC	PE1P4	0.1196	25.14	24.11	12.15	10.93						
		Adjacent Collocation - DS1 Cross-Connects			USL,CLOAC	PE1P1	1.04	44.19	32.13	11.93	10.81						
		Adjacent Collocation - DS3 Cross-Connects			CLOAC	PE1P3	14.12	41.93	30.69	13.71	11.04						
		Adjacent Collocation - 2-Fiber Cross-Connect			CLOAC	PE1F2	2.39	41.93	30.69	13.71	11.05						
		Adjacent Collocation - 4-Fiber Cross-Connect			CLOAC	PE1F4	4.57	51.14	39.90	17.96	15.29						
		Adjacent Collocation - Application Fee			CLOAC	PE1JB		1,555.00									

COLLOCATION - Georgia											Attachment: 4		Exhibit: D		
CATEGORY	RATE ELEMENTS			Interim	Zone	BCS	USOC	RATES(\$)		Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
								Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)		
									First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN
		Adjacent Collocation - 120V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FB	5.39								
		Adjacent Collocation - 240V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FD	10.79								
		Adjacent Collocation - 120V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FE	16.18								
		Adjacent Collocation - 277V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FG	38.27								
		Adjacent Collocation - 240V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1JD	37.37								
PHYSICAL COLLOCATION IN THE REMOTE SITE															
		Physical Collocation in the Remote Site - Application Fee			CLORS	PE1RA		608.18	608.17	323.63	323.63				
		Cabinet Space in the Remote Site per Bay/ Rack			CLORS	PE1RB	224.82								
		Physical Collocation in the Remote Site - Security Access - Key			CLORS	PE1RD		25.88	25.88						
		Physical Collocation in the Remote Site - Space Availability Report per Premises Requested			CLORS	PE1SR		229.02	229.02						
		Physical Collocation in the Remote Site - Remote Site CLLI Code Request, per CLLI Code Requested			CLORS	PE1RE		74.22	74.22						
		Remote Site DLEC Data (BRSD), per Compact Disk, per CO			CLORS	PE1RR		232.88							
PHYSICAL COLLOCATION IN THE REMOTE SITE - ADJACENT															
		Remote Site-Adjacent Collocation - AC Power, per breaker amp			CLORS	PE1RS	6.27								
		Remote Site-Adjacent Collocation - Real Estate, per square foot			CLORS	PE1RT	0.134								
		Remote Site-Adjacent Collocation-Application Fee			CLORS	PE1RU		755.62	755.62						
NOTE: If Security Escort and/or Add'l Engineering Fees become necessary for remote site collocation, the Parties will negotiate appropriate rates.															

COLLOCATION - Kentucky										Attachment: 4		Exhibit: D					
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
								First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
PHYSICAL COLLOCATION																	
		Physical Collocation - Application Fee - Initial			CLO	PE1BA		3,773.54	3,773.54	1.01	1.01						
		Physical Collocation - Application Fee - Subsequent			CLO	PE1CA		3,145.35	3,145.35	1.01	1.01						
		Physical Collocation Administrative Only - Application Fee			CLO	PE1BL		742.12									
		Physical Collocation - Space Preparation - Firm Order Processing			CLO	PE1SJ		1,206.07	1,206.07								
		Physical Collocation - Space Preparation - C.O. Modification per square ft.			CLO	PE1SK	2.32										
		Physical Collocation - Space Preparation - Common Systems Modification per square ft. - Cageless			CLO	PE1SL	3.26										
		Physical Collocation - Space Preparation - Common Systems Modification per Cage			CLO	PE1SM	110.57										
		Physical Collocation - Cable Installation			CLO	PE1BD		1,729.11		45.16							
		Physical Collocation - Floor Space per Sq. Ft.			CLO	PE1PJ	7.99										
		Physical Collocation - Cable Support Structure			CLO	PE1PM	19.86										
		Physical Collocation - Power -48V DC Power, per Fused Amp			CLO	PE1PL	8.06										
		Physical Collocation - Power Reduction, Application Fee	I		CLO	PE1PR		399.50									
		Physical Collocation - 120V, Single Phase Standby Power Rate			CLO	PE1FB	5.44										
		Physical Collocation - 240V, Single Phase Standby Power Rate			CLO	PE1FD	10.88										
		Physical Collocation - 120V, Three Phase Standby Power Rate			CLO	PE1FE	16.32										
		Physical Collocation - 277V, Three Phase Standby Power Rate			CLO	PE1FG	37.68										
		Physical Collocation - 2-Wire Cross-Connects			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ, UDL, UNCVX, UNLDX, UNCNX	PE1P2	0.0333	24.68	23.68	12.14	10.95						
		Physical Collocation - 4-Wire Cross-Connects			CLO, UAL, UDL, UDN, UEA, UHL, UNCVX, UNCDX, UCL	PE1P4	0.0665	24.88	23.82	12.77	11.46						
		Physical Collocation - DS1 Cross-Connects			CLO,UEANL,UEQ,W DS1L,WDS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1, UDL	PE1P1	1.48	44.23	31.98	12.81	11.57						
		Physical Collocation - DS3 Cross-Connects			CLO, UE3,U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3, UDL	PE1P3	18.89	41.93	30.51	14.75	11.83						
		Physical Collocation - 2-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F2	3.75	41.93	30.51	14.76	11.84						
		Physical Collocation - 4-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F4	6.65	51.29	39.87	19.41	16.49						
		Physical Collocation - Welded Wire Cage - First 100 Sq. Ft.			CLO	PE1BW	184.97										
		Physical Collocation - Welded Wire Cage - Add'l 50 Sq. Ft.			CLO	PE1CW	18.14										

COLLOCATION - Kentucky										Attachment: 4		Exhibit: D				
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Physical Collocation - Security Access System - Security System per Central Office			CLO	PE1AX	76.10										
	Physical Collocation - Security Access System - New Access Card Activation, per Card			CLO	PE1A1	0.058	55.79	55.79								
	Physical Collocation-Security Access System-Administrative Change, existing Access Card, per Request, per State, per Card			CLO	PE1AA		15.64	15.64								
	Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card			CLO	PE1AR		45.74	45.74								
	Physical Collocation - Security Access - Initial Key, per Key			CLO	PE1AK		26.29	26.29								
	Physical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key			CLO	PE1AL		26.29	26.29								
	Physical Collocation - Space Availability Report per premises			CLO	PE1SR		2,158.67	2,158.67								
	POT Bay Arrangements prior to 6/1/99 - 2-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UDL, UNCVX, UNCDX, UNCNX	PE1PE	0.113										
	POT Bay Arrangements prior to 6/1/99 - 4-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, USL, UNCVX, UNCDX	PE1PF	0.23										
	POT Bay Arrangements prior to 6/1/99 - DS1 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,WDS1L,W DS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1	PE1PG	1.60										
	POT Bay Arrangements prior to 6/1/99 - DS3 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UE3, U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UNLD3, UDL, UDLSX	PE1PH	14.23										
	POT Bay Arrangements prior to 6/1/99 - 2-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B2	48.57										
	POT Bay Arrangements prior to 6/1/99 - 4-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B4	65.50										
	Physical Collocation - Request Resend of CFA Information, per CLI			CLO	PE1C9		77.55									
	Nonrecurring Collocation Cable Records - per request			CLO	PE1CR		1,524.45	980.01	267.02							
	Nonrecurring Collocation Cable Records - VG/DS0 Cable, per cable record			CLO	PE1CD		656.37	656.37	379.70							
	Nonrecurring Collocation Cable Records - VG/DS0 Cable, per each 100 pair			CLO	PE1CO		9.65	9.65	11.84	11.84						

COLLOCATION - Kentucky											Attachment: 4		Exhibit: D			
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l

COLLOCATION - Kentucky											Attachment: 4		Exhibit: D			
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
													OSS Rates(\$)			
						Rec	First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Adjacent Collocation - 120V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FE	16.32									
		Adjacent Collocation - 277V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FG	37.68									
PHYSICAL COLLOCATION IN THE REMOTE SITE																
		Physical Collocation in the Remote Site - Application Fee			CLORS	PE1RA		617.78		338.89						
		Cabinet Space in the Remote Site per Bay/ Rack			CLORS	PE1RB	219.67									
		Physical Collocation in the Remote Site - Security Access - Key			CLORS	PE1RD		26.29								
		Physical Collocation in the Remote Site - Space Availability Report per Premises Requested			CLORS	PE1SR		232.64								
		Physical Collocation in the Remote Site - Remote Site CLLI Code Request, per CLLI Code Requested			CLORS	PE1RE		75.40								
		Remote Site DLEC Data (BRSDD), per Compact Disk, per CO			CLORS	PE1RR		233.42								
PHYSICAL COLLOCATION IN THE REMOTE SITE - ADJACENT																
		Remote Site-Adjacent Collocation - AC Power, per breaker amp			CLORS	PE1RS	6.27									
		Remote Site-Adjacent Collocation - Real Estate, per square foot			CLORS	PE1RT	0.134									
		Remote Site-Adjacent Collocation-Application Fee			CLORS	PE1RU		755.62		755.62						
NOTE: If Security Escort and/or Add'l Engineering Fees become necessary for remote site collocation, the Parties will negotiate appropriate rates.																

COLLOCATION - Louisiana												Attachment: 4		Exhibit: D		
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)				
								First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN
PHYSICAL COLLOCATION																
		Physical Collocation - Application Fee - Initial			CLO	PE1BA		1,837.24								
		Physical Collocation - Application Fee - Subsequent			CLO	PE1CA		1,533.41								
		Physical Collocation Administrative Only - Application Fee			CLO	PE1BL		741.97								
		Physical Collocation - Space Preparation - Firm Order Processing			CLO	PE1SJ		583.33								
		Physical Collocation - Space Preparation - C.O. Modification per square ft.			CLO	PE1SK	2.31									
		Physical Collocation - Space Preparation - Common Systems Modification per square ft. - Cageless			CLO	PE1SL	2.70									
		Physical Collocation - Space Preparation - Common Systems Modification per Cage			CLO	PE1SM	91.60									
		Physical Collocation - Cable Installation			CLO	PE1BD		841.54	841.54							
		Physical Collocation - Floor Space per Sq. Ft.			CLO	PE1PJ	5.30									
		Physical Collocation - Cable Support Structure			CLO	PE1PM	18.31									
		Physical Collocation - Power -48V DC Power, per Fused Amp	I		CLO	PE1PL	8.32									
		Physical Collocation - Power Reduction, Application Fee	I		CLO	PE1PR		398.88								
		Physical Collocation - 120V, Single Phase Standby Power Rate			CLO	PE1FB	5.45									
		Physical Collocation - 240V, Single Phase Standby Power Rate			CLO	PE1FD	10.92									
		Physical Collocation - 120V, Three Phase Standby Power Rate			CLO	PE1FE	16.37									
		Physical Collocation - 277V, Three Phase Standby Power Rate			CLO	PE1FG	37.80									
		Physical Collocation - 2-Wire Cross-Connects			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ, UDL, UNCVX, UNLDX, UNCNX	PE1P2	0.0318	11.94	11.46							
		Physical Collocation - 4-Wire Cross-Connects			CLO, UAL, UDL, UDN, UEA, UHL, UNCVX, UNCDX, UCL	PE1P4	0.0636	12.04	11.53							
		Physical Collocation - DS1 Cross-Connects			CLO,UEANL,UEQ,W DS1L,WDS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1, UDL	PE1P1	1.04	21.39	15.47							
		Physical Collocation - DS3 Cross-Connects			CLO, UE3,U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3, UDL	PE1P3	13.21	20.28	14.76							
		Physical Collocation - 2-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F2	2.62	20.28	14.76							
		Physical Collocation - 4-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F4	4.65	24.81	19.29							
		Physical Collocation - Welded Wire Cage - First 100 Sq. Ft.			CLO	PE1BW	184.50									
		Physical Collocation - Welded Wire Cage - Add'l 50 Sq. Ft.			CLO	PE1CW	18.10									

COLLOCATION - Louisiana											Attachment: 4		Exhibit: D			
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)				
								First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN
		Physical Collocation - Security System Per Central Office Per Assignable Sq. Ft.			CLO	PE1AY	0.0224									
		Physical Collocation - Security Access System - New Access Card Activation, per Card			CLO	PE1A1	0.0579	27.50								
		Physical Collocation-Security Access System-Administrative Change, existing Access Card, per Request, per State, per Card			CLO	PE1AA		7.74	7.74							
		Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card			CLO	PE1AR		22.64	22.64							
		Physical Collocation - Security Access - Initial Key, per Key			CLO	PE1AK		13.01	13.01							
		Physical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key			CLO	PE1AL		13.01	13.01							
		Physical Collocation - Space Availability Report per premises			CLO	PE1SR		1,044.07	1,044.07							
		POT Bay Arrangements prior to 6/1/99 - 2-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UDL, UNCVX, UNCDX, UNCNX	PE1PE	0.079									
		POT Bay Arrangements prior to 6/1/99 - 4-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, USL, UNCVX, UNCDX	PE1PF	0.158									
		POT Bay Arrangements prior to 6/1/99 - DS1 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,WDS1L,W DS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1	PE1PG	1.12									
		POT Bay Arrangements prior to 6/1/99 - DS3 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UE3, U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UNLD3, UDL, UDLSX	PE1PH	9.95									
		POT Bay Arrangements prior to 6/1/99 - 2-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B2	33.96									
		POT Bay Arrangements prior to 6/1/99 - 4-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B4	45.80									
		Physical Collocation - Request Resend of CFA Information, per CLI			CLO	PE1C9		77.43								
		Recurring Collocation Cable Records - per request			CLO	PE1CU	10.97									
		Recurring Collocation Cable Records - VG/DS0 Cable, per cable record			CLO	PE1CE	5.29									
		Recurring Collocation Cable Records - VG/DS0 Cable, per each 100 pair			CLO	PE1CT	0.08									

COLLOCATION - Louisiana											Attachment: 4		Exhibit: D			
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)				
								First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
		Recurring Collocation Cable Records - DS1, per T1TIE			CLO	PE1C2	0.04									
		Recurring Collocation Cable Records - DS3, per T3TIE			CLO	PE1C4	0.13									
		Recurring Collocation Cable Records - Fiber Cable, per 99 fiber records			CLO	PE1CG	1.37									
		Physical Collocation - Security Escort - Basic, per Half Hour			CLO,CLORS	PE1BT		16.44	10.42							
		Physical Collocation - Security Escort - Overtime, per Half Hour			CLO,CLORS	PE1OT		21.41	13.45							
		Physical Collocation - Security Escort - Premium, per Half Hour			CLO,CLORS	PE1PT		26.38	16.49							
		V to P Conversion, Per Customer Request-Voice Grade			CLO	PE1BV	33.00									
		V to P Conversion, Per Customer Request-DS0			CLO	PE1BO	33.00									
		V to P Conversion, Per Customer Request-DS1			CLO	PE1B1	52.00									
		V to P Conversion, Per Customer request-DS3			CLO	PE1B3	52.00									
		V to P Conversion, Per Customer Request per VG Circuit Reconfigured			CLO	PE1BR	23.00									
		V to P Conversion, Per Customer Request per DS0 Circuit Reconfigured			CLO	PE1BP	23.00									
		V to P Conversion, Per Customer Request per DS1 Circuit Reconfigured			CLO	PE1BS	33.00									
		V to P Conversion, Per Customer Request per DS3 Circuit Reconfigured			CLO	PE1BE	37.00									
		V to P Conversion, Cable Pairs Assigned to Collo Space per 700 prs or fraction thereof			CLO	PE1B7	592.00									
		Physical Collocation - Co-Carrier Cross Connects - Fiber Cable Support Structure, per cable, per linear ft.			CLO,UDF	PE1ES	0.001									
		Physical Collocation - Co-Carrier Cross Connects - Copper/Coax Cable Support Structure, per cable, per lin. ft.			CLO, UE3, USL	PE1DS	0.0015									
		Physical Collocation - Co-Carrier Cross Connects - Application Fee, per application			CLO	PE1DT		583.30								
PHYSICAL COLLOCATION																
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Res			UEPSR	PE1R2	0.0318	11.94	11.46			15.20				
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Line Side PBX Trunk - Bus			UEPSP	PE1R2	0.0318	11.94	11.46			15.20				
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Voice Grade PBX Trunk - Res			UEPSE	PE1R2	0.0318	11.94	11.46			15.20				
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Bus			UEPSB	PE1R2	0.0318	11.94	11.46			15.20				
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPSX	PE1R2	0.0318	11.94	11.46			15.20				
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPTX	PE1R2	0.0318	11.94	11.46			15.20				
		Physical Collocation 4-Wire Cross Connect, Exchange Port 4-Wire ISDN DS1			UEPEX	PE1R4	0.0636	12.04	11.53			15.20				
ADJACENT COLLOCATION																
		Adjacent Collocation - Space Charge per Sq. Ft.			CLOAC	PE1JA	0.0552									
		Adjacent Collocation - Electrical Facility Charge per Linear Ft.			CLOAC	PE1JC	5.61									
		Adjacent Collocation - 2-Wire Cross-Connects			CLOAC	PE1P2	0.0245	11.94	11.46							
		Adjacent Collocation - 4-Wire Cross-Connects			UEA,UHL,UDL,UCL,CLOAC	PE1P4	0.0491	12.04	11.53							
		Adjacent Collocation - DS1 Cross-Connects			USL,CLOAC	PE1P1	0.9605	21.39	15.47							
		Adjacent Collocation - DS3 Cross-Connects			CLOAC	PE1P3	13.01	20.28	14.76							
		Adjacent Collocation - 2-Fiber Cross-Connect			CLOAC	PE1F2	2.20	20.28	14.76							
		Adjacent Collocation - 4-Fiber Cross-Connect			CLOAC	PE1F4	4.21	24.81	19.29							
		Adjacent Collocation - Application Fee			CLOAC	PE1JB		1,543.20								
		Adjacent Collocation - 120V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FB	5.45									
		Adjacent Collocation - 240V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FD	10.92									

COLLOCATION - Louisiana											Attachment: 4		Exhibit: D			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect							OSS Rates(\$)
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Adjacent Collocation - 120V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FE	16.37										
	Adjacent Collocation - 277V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FG	37.80										
PHYSICAL COLLOCATION IN THE REMOTE SITE																
	Physical Collocation in the Remote Site - Application Fee			CLORS	PE1RA		298.80	298.80								
	Cabinet Space in the Remote Site per Bay/ Rack			CLORS	PE1RB	225.39										
	Physical Collocation in the Remote Site - Security Access - Key			CLORS	PE1RD		13.01	13.01								
	Physical Collocation in the Remote Site - Space Availability Report per Premises Requested			CLORS	PE1SR		112.52	112.52								
	Physical Collocation in the Remote Site - Remote Site CLLI Code Request, per CLLI Code Requested			CLORS	PE1RE		36.47	36.47								
	Remote Site DLEC Data (BRSDD), per Compact Disk, per CO			CLORS	PE1RR		233.21									
PHYSICAL COLLOCATION IN THE REMOTE SITE - ADJACENT																
	Remote Site-Adjacent Collocation - AC Power, per breaker amp			CLORS	PE1RS	6.27										
	Remote Site-Adjacent Collocation - Real Estate, per square foot			CLORS	PE1RT	0.134										
	Remote Site-Adjacent Collocation-Application Fee			CLORS	PE1RU		755.62	755.62								
NOTE: If Security Escort and/or Add'l Engineering Fees become necessary for remote site collocation, the Parties will negotiate appropriate rates.																

COLLOCATION - Mississippi										Attachment: 4		Exhibit: D						
CATEGORY	RATE ELEMENTS				Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
								Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
									First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
PHYSICAL COLLOCATION																		
		Physical Collocation - Application Fee - Initial																
		Physical Collocation - Application Fee - Subsequent																
		Physical Collocation Administrative Only - Application Fee																
		Physical Collocation - Space Preparation - Firm Order Processing				I												
		Physical Collocation - Space Preparation - C.O. Modification per square ft.				I												
		Physical Collocation - Space Preparation - Common Systems Modification per square ft. - Cageless				I												
		Physical Collocation - Space Preparation - Common Systems Modification per Cage				I												
		Physical Collocation - Cable Installation																
		Physical Collocation - Floor Space per Sq. Ft.																
		Physical Collocation - Cable Support Structure																
		Physical Collocation - Power -48V DC Power, per Fused Amp				I												
		Physical Collocation - Power Reduction, Application Fee				I												
		Physical Collocation - 120V, Single Phase Standby Power Rate				I												
		Physical Collocation - 240V, Single Phase Standby Power Rate				I												
		Physical Collocation - 120V, Three Phase Standby Power Rate				I												
		Physical Collocation - 277V, Three Phase Standby Power Rate				I												
		Physical Collocation - 2-Wire Cross-Connects																
		Physical Collocation - 4-Wire Cross-Connects																
		Physical Collocation - DS1 Cross-Connects																
		Physical Collocation - DS3 Cross-Connects																
		Physical Collocation - 2-Fiber Cross-Connect																
		Physical Collocation - 4-Fiber Cross-Connect																
		Physical Collocation - Welded Wire Cage - First 100 Sq. Ft.																
		Physical Collocation - Welded Wire Cage - Add'l 50 Sq. Ft.																

COLLOCATION - Mississippi										Attachment: 4		Exhibit: D				
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Physical Collocation - Security Access System - Security System per Central Office	I		CLO	PE1AX	75.23										
	Physical Collocation - Security Access System - New Access Card Activation, per Card	I		CLO	PE1A1	0.0576	27.95	27.95								
	Physical Collocation-Security Access System-Administrative Change, existing Access Card, per Request, per State, per Card	I		CLO	PE1AA		7.84	7.84								
	Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card			CLO	PE1AR		22.91	22.91								
	Physical Collocation - Security Access - Initial Key, per Key			CLO	PE1AK		13.17	13.17								
	Physical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key			CLO	PE1AL		13.17	13.17								
	Physical Collocation - Space Availability Report per premises	I		CLO	PE1SR		1,081.40	1,081.40								
	POT Bay Arrangements prior to 6/1/99 - 2-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UDL, UNCVX, UNCDX, UNCNX	PE1PE	0.0867										
	POT Bay Arrangements prior to 6/1/99 - 4-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, USL, UNCVX, UNCDX	PE1PF	0.1734										
	POT Bay Arrangements prior to 6/1/99 - DS1 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,WDS1L,W DS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1	PE1PG	1.22										
	POT Bay Arrangements prior to 6/1/99 - DS3 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UE3, U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UNLD3, UDL, UDLSX	PE1PH	10.91										
	POT Bay Arrangements prior to 6/1/99 - 2-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B2	37.26										
	POT Bay Arrangements prior to 6/1/99 - 4-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B4	50.24										
	Physical Collocation - Request Resend of CFA Information, per CLI			CLO	PE1C9		77.41									
	Nonrecurring Collocation Cable Records - per request			CLO	PE1CR		763.69	490.94	133.77							
	Nonrecurring Collocation Cable Records - VG/DS0 Cable, per cable record			CLO	PE1CD		328.81		190.22							
	Nonrecurring Collocation Cable Records - VG/DS0 Cable, per each 100 pair			CLO	PE1CO		4.84	4.84	5.93	5.93						

COLLOCATION - Mississippi											Attachment: 4		Exhibit: D			
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l

COLLOCATION - Mississippi											Attachment: 4		Exhibit: D			
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Adjacent Collocation - 120V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FE	15.87									
		Adjacent Collocation - 277V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FG	36.65									
PHYSICAL COLLOCATION IN THE REMOTE SITE																
		Physical Collocation in the Remote Site - Application Fee			CLORS	PE1RA		309.48		168.63						
		Cabinet Space in the Remote Site per Bay/ Rack			CLORS	PE1RB	210.05									
		Physical Collocation in the Remote Site - Security Access - Key			CLORS	PE1RD		13.17	13.17							
		Physical Collocation in the Remote Site - Space Availability Report per Premises Requested			CLORS	PE1SR		116.54	116.54							
		Physical Collocation in the Remote Site - Remote Site CLLI Code Request, per CLLI Code Requested			CLORS	PE1RE		37.77	37.77							
		Remote Site DLEC Data (BRSDD), per Compact Disk, per CO			CLORS	PE1RR		233.14								
PHYSICAL COLLOCATION IN THE REMOTE SITE - ADJACENT																
		Remote Site-Adjacent Collocation - AC Power, per breaker amp			CLORS	PE1RS	6.27									
		Remote Site-Adjacent Collocation - Real Estate, per square foot			CLORS	PE1RT	0.134									
		Remote Site-Adjacent Collocation-Application Fee			CLORS	PE1RU		755.62	755.62							
NOTE: If Security Escort and/or Add'l Engineering Fees become necessary for remote site collocation, the Parties will negotiate appropriate rates.																

COLLOCATION - North Carolina										Attachment: 4		Exhibit: D					
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
								First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
PHYSICAL COLLOCATION																	
		Physical Collocation - Application Fee - Initial	I		CLO	PE1BA		3,850.00	3,850.00								
		Physical Collocation - Application Fee - Subsequent			CLO	PE1CA		3,119.00	3,119.00								
		Physical Collocation Administrative Only - Application Fee			CLO	PE1BL		741.44									
		Physical Collocation - Space Preparation - C.O. Modification per square ft.	I		CLO	PE1SK	1.57										
		Physical Collocation - Space Preparation - Common Systems Modification per square ft. - Cageless	I		CLO	PE1SL	3.26										
		Physical Collocation - Space Preparation - Common Systems Modification per Cage	I		CLO	PE1SM	110.79										
		Space Preparation Fees - Power Per Nominal -48V Dc Amp	I		CLO	PE1FH	5.76										
		Physical Collocation - Cable Installation	I		CLO	PE1BD		2,305.00	2,305.00								
		Physical Collocation - Floor Space per Sq. Ft.	I		CLO	PE1PJ	3.45										
		Physical Collocation - Cable Support Structure	I		CLO	PE1PM	21.33										
		Physical Collocation - Power -48V DC Power, per Fused Amp	I		CLO	PE1PL	8.50										
		Physical Collocation - Power Reduction, Application Fee	I		CLO	PE1PR		399.13									
		Physical Collocation - 120V, Single Phase Standby Power Rate	I		CLO	PE1FB	5.50										
		Physical Collocation - 240V, Single Phase Standby Power Rate	I		CLO	PE1FD	11.01										
		Physical Collocation - 120V, Three Phase Standby Power Rate	I		CLO	PE1FE	16.51										
		Physical Collocation - 277V, Three Phase Standby Power Rate	I		CLO	PE1FG	38.12										
		Physical Collocation - 2-Wire Cross-Connects	I		UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ, UDL, UNCVX, UNLDX, UNCNX	PE1P2	0.32	41.78	39.23								
		Physical Collocation - 4-Wire Cross-Connects	I		CLO, UAL, UDL, UDN, UEA, UHL, UNCVX, UNCDX, UCL	PE1P4	0.64	41.91	39.25								
		Physical Collocation - DS1 Cross-Connects	I		CLO,UEANL,UEQ,W DS1L,WDS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1, UDL	PE1P1	2.34	71.02	51.08								
		Physical Collocation - DS3 Cross-Connects	I		CLO, UE3,U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3, UDL	PE1P3	42.84	69.84	49.43								
		Physical Collocation - 2-Fiber Cross-Connect	I		CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F2	2.94	51.97	38.59								
		Physical Collocation - 4-Fiber Cross-Connect	I		CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F4	5.62	64.53	51.15								
		Physical Collocation - Welded Wire Cage - First 100 Sq. Ft.	I		CLO	PE1BW	102.76										
		Physical Collocation - Welded Wire Cage - Add'l 50 Sq. Ft.	I		CLO	PE1CW	10.44										

COLLOCATION - North Carolina												Attachment: 4		Exhibit: D		
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)				
								First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN
		Physical Collocation - Security Access System - Security System per Central Office	I		CLO	PE1AX	41.03									
		Physical Collocation - Security Access System - New Access Card Activation, per Card	I		CLO	PE1A1	0.062	55.30	55.30							
		Physical Collocation-Security Access System-Administrative Change, existing Access Card, per Request, per State, per Card	I		CLO	PE1AA		15.51	15.51							
		Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card			CLO	PE1AR		45.34	45.34							
		Physical Collocation - Security Access - Initial Key, per Key			CLO	PE1AK		26.18	26.18							
		Physical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key			CLO	PE1AL		26.18	26.18							
		Physical Collocation - Space Availability Report per premises	I		CLO	PE1SR		2,140.00	2,140.00							
		POT Bay Arrangements prior to 6/1/99 - 2-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UDL, UNCVX, UNCDX, UNCNX	PE1PE	0.10									
		POT Bay Arrangements prior to 6/1/99 - 4-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, USL, UNCVX, UNCDX	PE1PF	0.19									
		POT Bay Arrangements prior to 6/1/99 - DS1 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,WDS1L,W DS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1	PE1PG	0.79									
		POT Bay Arrangements prior to 6/1/99 - DS3 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UE3, U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UNLD3, UDL, UDLSX	PE1PH	4.85									
		POT Bay Arrangements prior to 6/1/99 - 2-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B2	45.30									
		POT Bay Arrangements prior to 6/1/99 - 4-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B4	61.09									
		Physical Collocation - Request Resend of CFA Information, per CLI			CLO	PE1C9		77.48								
		Nonrecurring Collocation Cable Records - per request			CLO	PE1CR		1,707.00								
		Nonrecurring Collocation Cable Records - VG/DS0 Cable, per cable record			CLO	PE1CD		923.08								
		Nonrecurring Collocation Cable Records - VG/DS0 Cable, per each 100 pair			CLO	PE1CO		18.02	18.02							

COLLOCATION - North Carolina										Attachment: 4		Exhibit: D				
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
							First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Nonrecurring Collocation Cable Records - DS1, per T1TIE			CLO	PE1C1		8.43	8.43								
	Nonrecurring Collocation Cable Records - DS3, per T3TIE			CLO	PE1C3		29.51	29.51								
	Nonrecurring Collocation Cable Records - Fiber Cable, per 99 fiber records			CLO	PE1CB		278.82	278.82								
	Physical Collocation - Security Escort - Basic, per Half Hour			CLO,CLORS	PE1BT		42.92	25.56								
	Physical Collocation - Security Escort - Overtime, per Half Hour			CLO,CLORS	PE1OT		54.51	32.44								
	Physical Collocation - Security Escort - Premium, per Half Hour			CLO,CLORS	PE1PT		66.10	39.32								
	V to P Conversion, Per Customer Request-Voice Grade			CLO	PE1BV	33.00										
	V to P Conversion, Per Customer Request-DS0			CLO	PE1BO	33.00										
	V to P Conversion, Per Customer Request-DS1			CLO	PE1B1	52.00										
	V to P Conversion, Per Customer request-DS3			CLO	PE1B3	52.00										
	V to P Conversion, Per Customer Request per VG Circuit Reconfigured			CLO	PE1BR	23.00										
	V to P Conversion, Per Customer Request per DS0 Circuit Reconfigured			CLO	PE1BP	23.00										
	V to P Conversion, Per Customer Request per DS1 Circuit Reconfigured			CLO	PE1BS	33.00										
	V to P Conversion, Per Customer Request per DS3 Circuit Reconfigured			CLO	PE1BE	37.00										
	V to P Conversion, Cable Pairs Assigned to Collo Space per 700 prs or fraction thereof			CLO	PE1B7	592.00										
	Physical Collocation - Co-Carrier Cross Connects - Fiber Cable Support Structure, per cable, per linear ft.			CLO,UDF	PE1ES	0.0018										
	Physical Collocation - Co-Carrier Cross Connects - Copper/Coax Cable Support Structure, per cable, per lin. ft.			CLO, UE3, USL	PE1DS	0.0027										
	Physical Collocation - Co-Carrier Cross Connects - Application Fee, per application			CLO	PE1DT		583.66									
PHYSICAL COLLOCATION																
	Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Res			UEPSR	PE1R2	0.32	41.78	39.23				26.94	12.76			
	Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Line Side PBX Trunk - Bus			UEPSP	PE1R2	0.32	41.78	39.23				26.94	12.76			
	Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Voice Grade PBX Trunk - Res			UEPSE	PE1R2	0.32	41.78	39.23				26.94	12.76			
	Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Bus			UEPSB	PE1R2	0.32	41.78	39.23				26.94	12.76			
	Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPSX	PE1R2	0.32	41.78	39.23				26.94	12.76			
	Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPTX	PE1R2	0.32	41.78	39.23				26.94	12.76			
	Physical Collocation 4-Wire Cross Connect, Exchange Port 4-Wire ISDN DS1			UEPEX	PE1R4	0.64	41.91	39.25				26.94	12.76			
ADJACENT COLLOCATION																
	Adjacent Collocation - Space Charge per Sq. Ft.			CLOAC	PE1JA	0.179										
	Adjacent Collocation - Electrical Facility Charge per Linear Ft.			CLOAC	PE1JC	5.96										
	Adjacent Collocation - 2-Wire Cross-Connects			CLOAC	PE1P2	0.32	41.78	39.23								
	Adjacent Collocation - 4-Wire Cross-Connects			UEA,UHL,UDL,UCL,CLOAC	PE1P4	0.64	41.91	39.25								
	Adjacent Collocation - DS1 Cross-Connects			USL,CLOAC	PE1P1	2.34	71.02	51.08								
	Adjacent Collocation - DS3 Cross-Connects			CLOAC	PE1P3	42.84	69.84	49.43								
	Adjacent Collocation - 2-Fiber Cross-Connect			CLOAC	PE1F2	2.94	51.97	38.59								
	Adjacent Collocation - 4-Fiber Cross-Connect			CLOAC	PE1F4	5.62	64.53	51.15								
	Adjacent Collocation - Application Fee			CLOAC	PE1JB		3,153.00									
	Adjacent Collocation - 120V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FB	5.50										
	Adjacent Collocation - 240V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FD	11.01										

COLLOCATION - North Carolina											Attachment: 4		Exhibit: D			
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Adjacent Collocation - 120V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FE	16.51									
		Adjacent Collocation - 277V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FG	38.12									
PHYSICAL COLLOCATION IN THE REMOTE SITE																
		Physical Collocation in the Remote Site - Application Fee			CLORS	PE1RA		865.34	865.34							
		Cabinet Space in the Remote Site per Bay/ Rack			CLORS	PE1RB	254.02									
		Physical Collocation in the Remote Site - Security Access - Key			CLORS	PE1RD		26.06	26.06							
		Physical Collocation in the Remote Site - Space Availability Report per Premises Requested			CLORS	PE1SR		230.60	230.60							
		Physical Collocation in the Remote Site - Remote Site CLLI Code Request, per CLLI Code Requested			CLORS	PE1RE		74.74	74.74							
		Remote Site DLEC Data (BRSDD), per Compact Disk, per CO			CLORS	PE1RR		232.94								
PHYSICAL COLLOCATION IN THE REMOTE SITE - ADJACENT																
		Remote Site-Adjacent Collocation - AC Power, per breaker amp			CLORS	PE1RS	6.27									
		Remote Site-Adjacent Collocation - Real Estate, per square foot			CLORS	PE1RT	0.134									
		Remote Site-Adjacent Collocation-Application Fee			CLORS	PE1RU		755.62	755.62							
NOTE: If Security Escort and/or Add'l Engineering Fees become necessary for remote site collocation, the Parties will negotiate appropriate rates.																

COLLOCATION - South Carolina											Attachment: 4		Exhibit: D			
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)				
								First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN
PHYSICAL COLLOCATION																
		Physical Collocation - Application Fee - Initial			CLO	PE1BA		1,883.67	1,883.67	0.51	0.51					
		Physical Collocation - Application Fee - Subsequent			CLO	PE1CA		1,570.10	1,570.10	0.51	0.51					
		Physical Collocation Administrative Only - Application Fee			CLO	PE1BL		743.66								
		Physical Collocation - Space Preparation - Firm Order Processing			CLO	PE1SJ		602.05	602.05							
		Physical Collocation - Space Preparation - C.O. Modification per square ft.			CLO	PE1SK	2.75									
		Physical Collocation - Space Preparation - Common Systems Modification per square ft. - Cageless			CLO	PE1SL	3.24									
		Physical Collocation - Space Preparation - Common Systems Modification per Cage			CLO	PE1SM	110.16									
		Physical Collocation - Cable Installation			CLO	PE1BD		794.22	794.22	22.54	22.54					
		Physical Collocation - Floor Space per Sq. Ft.			CLO	PE1PJ	3.95									
		Physical Collocation - Cable Support Structure			CLO	PE1PM	21.33									
		Physical Collocation - Power -48V DC Power, per Fused Amp			CLO	PE1PL	9.19									
		Physical Collocation - Power Reduction, Application Fee	I		CLO	PE1PR		400.33								
		Physical Collocation - 120V, Single Phase Standby Power Rate			CLO	PE1FB	5.67									
		Physical Collocation - 240V, Single Phase Standby Power Rate			CLO	PE1FD	11.36									
		Physical Collocation - 120V, Three Phase Standby Power Rate			CLO	PE1FE	17.03									
		Physical Collocation - 277V, Three Phase Standby Power Rate			CLO	PE1FG	39.33									
		Physical Collocation - 2-Wire Cross-Connects			UEANL,UEA,UDN,UDC,UAL,UHL,UCL,U EQ, UDL, UNCVX, UNLDX, UNCNX	PE1P2	0.0341	12.32	11.83	6.04	5.45					
		Physical Collocation - 4-Wire Cross-Connects			CLO, UAL, UDL, UDN, UEA, UHL, UNCVX, UNCDX, UCL	PE1P4	0.0682	12.42	11.90	6.40	5.74					
		Physical Collocation - DS1 Cross-Connects			CLO,UEANL,UEQ,WDS1L,WDS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1, UDL	PE1P1	1.12	22.08	15.96	6.42	5.80					
		Physical Collocation - DS3 Cross-Connects			CLO, UE3,U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3, UDL	PE1P3	14.21	20.94	15.23	7.39	5.93					
		Physical Collocation - 2-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F2	2.82	20.94	15.23	7.40	5.93					
		Physical Collocation - 4-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F4	5.01	25.61	19.90	9.73	8.26					
		Physical Collocation - Welded Wire Cage - First 100 Sq. Ft.			CLO	PE1BW	219.19									
		Physical Collocation - Welded Wire Cage - Add'l 50 Sq. Ft.			CLO	PE1CW	21.50									

COLLOCATION - South Carolina											Attachment: 4		Exhibit: D			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Physical Collocation - Security Access System - Security System per Central Office			CLO	PE1AX	74.72										
	Physical Collocation - Security Access System - New Access Card Activation, per Card			CLO	PE1A1	0.0601	27.85	27.85								
	Physical Collocation-Security Access System-Administrative Change, existing Access Card, per Request, per State, per Card			CLO	PE1AA		7.81	7.81								
	Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card			CLO	PE1AR		22.83	22.83								
	Physical Collocation - Security Access - Initial Key, per Key			CLO	PE1AK		13.13	13.13								
	Physical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key			CLO	PE1AL		13.13	13.13								
	Physical Collocation - Space Availability Report per premises			CLO	PE1SR		1,077.57	1,077.57								
	POT Bay Arrangements prior to 6/1/99 - 2-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UDL, UNCVX, UNCDX, UNCNX	PE1PE	0.085										
	POT Bay Arrangements prior to 6/1/99 - 4-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, USL, UNCVX, UNCDX	PE1PF	0.1701										
	POT Bay Arrangements prior to 6/1/99 - DS1 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,WDS1L,W DS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1	PE1PG	1.20										
	POT Bay Arrangements prior to 6/1/99 - DS3 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UE3, U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UNLD3, UDL, UDLSX	PE1PH	10.71										
	POT Bay Arrangements prior to 6/1/99 - 2-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B2	36.55										
	POT Bay Arrangements prior to 6/1/99 - 4-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B4	49.29										
	Physical Collocation - Request Resend of CFA Information, per CLI			CLO	PE1C9		77.71									
	Nonrecurring Collocation Cable Records - per request			CLO	PE1CR		760.98	489.20	133.29	133.29						
	Nonrecurring Collocation Cable Records - VG/DS0 Cable, per cable record			CLO	PE1CD		327.65	327.65	189.54	189.54						
	Nonrecurring Collocation Cable Records - VG/DS0 Cable, per each 100 pair			CLO	PE1CO		4.82	4.82	5.91	5.91						

COLLOCATION - South Carolina										Attachment: 4		Exhibit: D					
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
								First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Nonrecurring Collocation Cable Records - DS1, per T1TIE			CLO	PE1C1		2.26	2.26	2.77	2.77						
		Nonrecurring Collocation Cable Records - DS3, per T3TIE			CLO	PE1C3		7.90	7.90	9.68	9.68						
		Nonrecurring Collocation Cable Records - Fiber Cable, per 99 fiber records			CLO	PE1CB		84.68	84.68	77.30	77.30						
		Physical Collocation - Security Escort - Basic, per Half Hour			CLO,CLORS	PE1BT		16.96	10.75								
		Physical Collocation - Security Escort - Overtime, per Half Hour			CLO,CLORS	PE1OT		22.10	13.89								
		Physical Collocation - Security Escort - Premium, per Half Hour			CLO,CLORS	PE1PT		27.23	17.02								
		V to P Conversion, Per Customer Request-Voice Grade			CLO	PE1BV	33.00										
		V to P Conversion, Per Customer Request-DS0			CLO	PE1BO	33.00										
		V to P Conversion, Per Customer Request-DS1			CLO	PE1B1	52.00										
		V to P Conversion, Per Customer request-DS3			CLO	PE1B3	52.00										
		V to P Conversion, Per Customer Request per VG Circuit Reconfigured			CLO	PE1BR	23.00										
		V to P Conversion, Per Customer Request per DS0 Circuit Reconfigured			CLO	PE1BP	23.00										
		V to P Conversion, Per Customer Request per DS1 Circuit Reconfigured			CLO	PE1BS	33.00										
		V to P Conversion, Per Customer Request per DS3 Circuit Reconfigured			CLO	PE1BE	37.00										
		V to P Conversion, Cable Pairs Assigned to Collo Space per 700 prs or fraction thereof			CLO	PE1B7	592.00										
		Physical Collocation - Co-Carrier Cross Connects - Fiber Cable Support Structure, per cable, per linear ft.			CLO,UDF	PE1ES	0.001										
		Physical Collocation - Co-Carrier Cross Connects - Copper/Coax Cable Support Structure, per cable, per lin. ft.			CLO, UE3, USL	PE1DS	0.0015										
		Physical Collocation - Co-Carrier Cross Connects - Application Fee, per application			CLO	PE1DT		584.42									
PHYSICAL COLLOCATION																	
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Res			UEPSR	PE1R2	0.0341	12.32	11.83	6.04	5.45		15.69				
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Line Side PBX Trunk - Bus			UEPSP	PE1R2	0.0341	12.32	11.83	6.04	5.45		15.69				
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Voice Grade PBX Trunk - Res			UEPSE	PE1R2	0.0341	12.32	11.83	6.04	5.45		15.69				
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Bus			UEPSB	PE1R2	0.0341	12.32	11.83	6.04	5.45		15.69				
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPSX	PE1R2	0.0341	12.32	11.83	6.04	5.45		15.69				
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPTX	PE1R2	0.0341	12.32	11.83	6.04	5.45		15.69				
		Physical Collocation 4-Wire Cross Connect, Exchange Port 4-Wire ISDN DS1			UEPEX	PE1R4	1.12	22.08	15.96	6.42	5.80		15.69				
ADJACENT COLLOCATION																	
		Adjacent Collocation - Space Charge per Sq. Ft.			CLOAC	PE1JA	0.0939										
		Adjacent Collocation - Electrical Facility Charge per Linear Ft.			CLOAC	PE1JC	6.40										
		Adjacent Collocation - 2-Wire Cross-Connects			CLOAC	PE1P2	0.0264	12.32	11.83	6.04	5.45						
		Adjacent Collocation - 4-Wire Cross-Connects			UEA,UHL,UDL,UCL,CLOAC	PE1P4	0.0527	12.42	11.90	6.40	5.74						
		Adjacent Collocation - DS1 Cross-Connects			USL,CLOAC	PE1P1	1.03	22.08	15.96	6.42	5.80						
		Adjacent Collocation - DS3 Cross-Connects			CLOAC	PE1P3	14.00	20.94	15.23	7.39	5.93						
		Adjacent Collocation - 2-Fiber Cross-Connect			CLOAC	PE1F2	2.37	20.94	15.23	7.40	5.93						
		Adjacent Collocation - 4-Fiber Cross-Connect			CLOAC	PE1F4	4.53	25.61	19.90	9.73	8.26						
		Adjacent Collocation - Application Fee			CLOAC	PE1JB		1,580.20		0.51	0.51						
		Adjacent Collocation - 120V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FB	5.67										
		Adjacent Collocation - 240V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FD	11.36										

COLLOCATION - South Carolina											Attachment: 4		Exhibit: D			
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
													OSS Rates(\$)			
						Rec	First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Adjacent Collocation - 120V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FE	17.03									
		Adjacent Collocation - 277V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FG	39.33									
PHYSICAL COLLOCATION IN THE REMOTE SITE																
		Physical Collocation in the Remote Site - Application Fee			CLOARS	PE1RA		308.38	308.38	168.60	168.60					
		Cabinet Space in the Remote Site per Bay/ Rack			CLOARS	PE1RB	246.44									
		Physical Collocation in the Remote Site - Security Access - Key			CLOARS	PE1RD		13.13	13.13							
		Physical Collocation in the Remote Site - Space Availability Report per Premises Requested			CLOARS	PE1SR		116.13	116.13							
		Physical Collocation in the Remote Site - Remote Site CLLI Code Request, per CLLI Code Requested			CLOARS	PE1RE		37.64	37.64							
		Remote Site DLEC Data (BRSDD), per Compact Disk, per CO			CLOARS	PE1RR		234.50								
PHYSICAL COLLOCATION IN THE REMOTE SITE - ADJACENT																
		Remote Site-Adjacent Collocation - AC Power, per breaker amp			CLOARS	PE1RS	6.27									
		Remote Site-Adjacent Collocation - Real Estate, per square foot			CLOARS	PE1RT	0.134									
		Remote Site-Adjacent Collocation-Application Fee			CLOARS	PE1RU		755.62	755.62							
NOTE: If Security Escort and/or Add'l Engineering Fees become necessary for remote site collocation, the Parties will negotiate appropriate rates.																

COLLOCATION - Tennessee												Attachment: 4		Exhibit: D		
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN
PHYSICAL COLLOCATION																
		Physical Collocation - Application Fee - Initial			CLO	PE1BA		3,767.00	3,767.00							
		Physical Collocation - Application Fee - Subsequent			CLO	PE1CA		3,140.00	3,140.00							
		Physical Collocation Administrative Only - Application Fee			CLO	PE1BL		743.25								
		Physical Collocation - Space Preparation - Firm Order Processing	I		CLO	PE1SJ		1,204.00	1,204.00							
		Physical Collocation - Space Preparation - C.O. Modification per square ft.	I		CLO	PE1SK	2.74									
		Physical Collocation - Space Preparation - Common Systems Modification per square ft. - Cageless	I		CLO	PE1SL	2.95									
		Physical Collocation - Space Preparation - Common Systems Modification per Cage	I		CLO	PE1SM	100.14									
		Physical Collocation - Cable Installation			CLO	PE1BD		1,757.00	1,757.00							
		Physical Collocation - Floor Space per Sq. Ft.			CLO	PE1PJ	6.75									
		Physical Collocation - Cable Support Structure			CLO	PE1PM	19.80									
		Physical Collocation - Power -48V DC Power, per Fused Amp	I		CLO	PE1PL	8.87									
		Physical Collocation - Power Reduction, Application Fee	I		CLO	PE1PR		400.10								
		Physical Collocation - 120V, Single Phase Standby Power Rate	I		CLO	PE1FB	5.60									
		Physical Collocation - 240V, Single Phase Standby Power Rate	I		CLO	PE1FD	11.22									
		Physical Collocation - 120V, Three Phase Standby Power Rate	I		CLO	PE1FE	16.82									
		Physical Collocation - 277V, Three Phase Standby Power Rate	I		CLO	PE1FG	38.84									
		Physical Collocation - 2-Wire Cross-Connects			UEANL,UEA,UDN,UDC,UAL,UHL,UCL,U EQ, UDL, UNCVX, UNLDX, UNCNX	PE1P2	0.033	33.82	31.92							
		Physical Collocation - 4-Wire Cross-Connects			CLO, UAL, UDL, UDN, UEA, UHL, UNCVX, UNCDX, UCL	PE1P4	0.066	33.94	31.95							
		Physical Collocation - DS1 Cross-Connects			CLO,UEANL,UEQ,W DS1L,WDS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1, UDL	PE1P1	1.51	53.27	40.16							
		Physical Collocation - DS3 Cross-Connects			CLO, UE3,U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3, UDL	PE1P3	19.26	52.37	38.89							
		Physical Collocation - 2-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F2	15.64	41.56	29.82	12.96	10.34		2.69	2.69	1.56	1.56
		Physical Collocation - 4-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F4	28.11	50.53	38.78	16.97	14.35		2.69	2.69	1.56	1.56
		Physical Collocation - Welded Wire Cage - First 100 Sq. Ft.			CLO	PE1BW	218.53									
		Physical Collocation - Welded Wire Cage - Add'l 50 Sq. Ft.			CLO	PE1CW	21.44									

COLLOCATION - Tennessee										Attachment: 4		Exhibit: D				
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Physical Collocation - Security Access System - Security System per Central Office			CLO	PE1AX	55.99										
	Physical Collocation - Security Access System - New Access Card Activation, per Card			CLO	PE1A1	0.059	55.67	55.67								
	Physical Collocation-Security Access System-Administrative Change, existing Access Card, per Request, per State, per Card			CLO	PE1AA		15.61	15.61								
	Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card			CLO	PE1AR		45.64	45.64								
	Physical Collocation - Security Access - Initial Key, per Key			CLO	PE1AK		26.24	26.24								
	Physical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key			CLO	PE1AL		26.24	26.24								
	Physical Collocation - Space Availability Report per premises	I		CLO	PE1SR		2,027.00	2,154.00								
	POT Bay Arrangements prior to 6/1/99 - 2-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UDL, UNCVX, UNCDX, UNCNX	PE1PE	0.40										
	POT Bay Arrangements prior to 6/1/99 - 4-Wire Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, USL, UNCVX, UNCDX	PE1PF	1.20										
	POT Bay Arrangements prior to 6/1/99 - DS1 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,WDS1L,W DS1S, USL, U1TD1, UXTD1, UNC1X, ULDD1, USLEL, UNLD1	PE1PG	1.20										
	POT Bay Arrangements prior to 6/1/99 - DS3 Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO,UE3, U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UNLD3, UDL, UDLSX	PE1PH	8.00										
	POT Bay Arrangements prior to 6/1/99 - 2-Fiber Cross-Connect, Per Cross-Connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B2	38.79										
	POT Bay Arrangements prior to 6/1/99 - 4-Fiber Cross-Connect, per cross-connect			UEANL,UEA,UDN,U DC,UAL,UHL,UCL,U EQ,CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1B4	52.31										
	Physical Collocation - Request Resend of CFA Information, per CLI			CLO	PE1C9		77.67									
	Nonrecurring Collocation Cable Records - per request			CLO	PE1CR		1,711.00									
	Nonrecurring Collocation Cable Records - VG/DS0 Cable, per cable record			CLO	PE1CD		925.06									
	Nonrecurring Collocation Cable Records - VG/DS0 Cable, per each 100 pair			CLO	PE1CO		18.05	18.05								

COLLOCATION - Tennessee											Attachment: 4		Exhibit: D					
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l		
							Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l	OSS Rates(\$)						
		Nonrecurring Collocation Cable Records - DS1, per T1TIE			CLO	PE1C1		8.45	8.45			SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
		Nonrecurring Collocation Cable Records - DS3, per T3TIE			CLO	PE1C3		29.57	29.57									
		Nonrecurring Collocation Cable Records - Fiber Cable, per 99 fiber records			CLO	PE1CB		279.42	279.42									
		Physical Collocation - Security Escort - Basic, per Half Hour			CLO,CLORS	PE1BT		33.91	21.49									
		Physical Collocation - Security Escort - Overtime, per Half Hour			CLO,CLORS	PE1OT		44.17	27.76									
		Physical Collocation - Security Escort - Premium, per Half Hour			CLO,CLORS	PE1PT		54.42	34.02									
		V to P Conversion, Per Customer Request-Voice Grade			CLO	PE1BV	33.00											
		V to P Conversion, Per Customer Request-DS0			CLO	PE1BO	33.00											
		V to P Conversion, Per Customer Request-DS1			CLO	PE1B1	52.00											
		V to P Conversion, Per Customer request-DS3			CLO	PE1B3	52.00											
		V to P Conversion, Per Customer Request per VG Circuit Reconfigured			CLO	PE1BR	23.00											
		V to P Conversion, Per Customer Request per DS0 Circuit Reconfigured			CLO	PE1BP	23.00											
		V to P Conversion, Per Customer Request per DS1 Circuit Reconfigured			CLO	PE1BS	33.00											
		V to P Conversion, Per Customer Request per DS3 Circuit Reconfigured			CLO	PE1BE	37.00											
		V to P Conversion, Cable Pairs Assigned to Collo Space per 700 prs or fraction thereof			CLO	PE1B7	592.00											
		Physical Caged Collocation-App Cost(initial & sub)-Planning, per request			CLO	PEIAC	16.16	2,903.66	2,903.66									
		Physical Caged Collocation-Space Prep-Grounding, per location			CLO	PE1BB	4.32											
		Physical Caged Collocation-Space Prep-Power Delivery, per 40 amp Feed			CLO	PE1SN		142.40										
		Physical Caged Collocation-Space Prep-Power Delivery, per 100 amp Feed			CLO	PE1SO		185.72										
		Physical Caged Collocation-Space Prep-Power Delivery, per 200 amp Feed			CLO	PEISP		242.05										
		Physical Caged Collocation-Space Enclosure-Cage Preparation, per first 100 sq. ft.			CLO	PE1S1	110.97											
		Physical Caged Collocation-Space Enclosure-Cage Preparation2, per add'l 50 sq. ft.			CLO	PE1S5	55.49											
		Physical Caged collocation-Cable Installation-Entrance Fiber Structure, interduct per ft.			CLO	PE1CP	0.0156											
		Physical Caged Collocation-Cable Installation-Entrance Fiber, per cable			CLO	PE1CQ	2.56	944.27										
		Physical Caged Collocation-Floor Space-Land & Buildings, per sq. ft.			CLO	PE1FS	5.94											
		Physical Caged Collocation-Cable Support Structure-Cable Racking, per entrance cable			CLO	PE1CS	21.47											
		Physical Caged Collocation-Power-Power Construction, per amp DC plant			CLO	PE1PN	3.55											
		Physical Caged Collocation-Power-Power Consumption,per amp AC usage			CLO	PE1PO	2.03											
		Physical Caged Collocation-2-wire Cross Connects-Voice Grade ckt, per ckt.			CLO	PE12C	0.0475	7.68										
		Physical Caged Collocation-4-wire Cross Connects-Voice Grade Ckts, per ckt.			CLO	PE14C	0.0475	7.68										
		Physical Caged Collocation-DS1 Cross Connects-connection to DCS, per ckt.			CLO	PE11S	7.68	41.65										
		Physical Caged Collocation-DS1 Cross Connects-Connection to DSX, per ckt.			CLO	PE11X	0.38	41.65										
		Physical Caged Collocation-DS3 Cross Connects-Connection to DCS, per ckt.			CLO	PE13S	53.96	298.03										

COLLOCATION - Tennessee												Attachment: 4		Exhibit: D		
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l	SOME C	SOMAN	OSS Rates(\$)		
														SOMAN	SOMAN	SOMAN
		Physical Caged Collocation-DS3 Cross Connects-Connection to DSX, per ckt.			CLO	PE13X	9.32	298.03								
		Physical Caged Collocation-Security Access-Access Cards, per 5 Cards			CLO	PE1A2		76.10								
		Physical Collocation - Co-Carrier Cross Connects - Fiber Cable Support Structure, per cable, per linear ft.			CLO,UDF	PE1ES	0.0013									
		Physical Collocation - Co-Carrier Cross Connects - Copper/Coax Cable Support Structure, per cable, per lin. ft.			CLO, UE3, USL	PE1DS	0.0019									
		Physical Collocation - Co-Carrier Cross Connects - Application Fee, per application			CLO	PE1DT		585.09								
PHYSICAL COLLOCATION																
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Res			UEPSR	PE1R2	0.30	19.20	19.20					20.35	10.54	13.32 1.40
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Line Side PBX Trunk - Bus			UEPSP	PE1R2	0.30	19.20	19.20					20.35	10.54	13.32 1.40
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Voice Grade PBX Trunk - Res			UEPSE	PE1R2	0.30	19.20	19.20					20.35	10.54	13.32 1.40
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Bus			UEPSB	PE1R2	0.30	19.20	19.20					20.35	10.54	13.32 1.40
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPSX	PE1R2	0.30	19.20	19.20					20.35	10.54	13.32 1.40
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPTX	PE1R2	0.30	19.20	19.20					20.35	10.54	13.32 1.40
		Physical Collocation 4-Wire Cross Connect, Exchange Port 4-Wire ISDN DS1			UEPEX	PE1R4	0.50	19.20	19.20					20.35	10.54	13.32 1.40
ADJACENT COLLOCATION																
		Adjacent Collocation - Space Charge per Sq. Ft.			CLOAC	PE1JA	0.0656									
		Adjacent Collocation - Electrical Facility Charge per Linear Ft.			CLOAC	PE1JC	5.53									
		Adjacent Collocation - 2-Wire Cross-Connects			CLOAC	PE1P2	0.034	11.12	10.18	11.33	10.23			1.77	1.77	1.12 1.12
		Adjacent Collocation - 4-Wire Cross-Connects			UEA,UHL,UDL,UCL, CLOAC	PE1P4	0.33	11.30	10.31	11.62	10.44			1.77	1.77	1.12 1.12
		Adjacent Collocation - DS1 Cross-Connects			USL,CLOAC	PE1P1	1.70	28.39	16.88	11.65	10.54			1.77	1.77	1.12 1.12
		Adjacent Collocation - DS3 Cross-Connects			CLOAC	PE1P3	19.03	26.23	15.51	13.40	10.77			1.77	1.77	1.12 1.12
		Adjacent Collocation - 2-Fiber Cross-Connect			CLOAC	PE1F2	3.49	26.23	15.51	13.41	10.78			1.77	1.77	1.12 1.12
		Adjacent Collocation - 4-Fiber Cross-Connect			CLOAC	PE1F4	6.50	29.75	19.02	17.60	14.97			1.77	1.77	1.12 1.12
		Adjacent Collocation - Application Fee			CLOAC	PE1JB		2,973.00		0.9475						
		Adjacent Collocation - 120V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FB	5.81									
		Adjacent Collocation - 240V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FD	11.64									
		Adjacent Collocation - 120V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FE	17.45									
		Adjacent Collocation - 277V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FG	40.30									
PHYSICAL COLLOCATION IN THE REMOTE SITE																
		Physical Collocation in the Remote Site - Application Fee			CLORS	PE1RA		580.20		312.76						
		Cabinet Space in the Remote Site per Bay/ Rack			CLORS	PE1RB	220.41									
		Physical Collocation in the Remote Site - Security Access - Key			CLORS	PE1RD		24.69								
		Physical Collocation in the Remote Site - Space Availability Report per Premises Requested			CLORS	PE1SR		218.49								
		Physical Collocation in the Remote Site - Remote Site CLLI Code Request, per CLLI Code Requested			CLORS	PE1RE		70.81								
		Remote Site DLEC Data (BRSDD), per Compact Disk, per CO			CLORS	PE1RR		234.15								
PHYSICAL COLLOCATION IN THE REMOTE SITE - ADJACENT																
		Remote Site-Adjacent Collocation - AC Power, per breaker amp			CLORS	PE1RS	6.27									
		Remote Site-Adjacent Collocation - Real Estate, per square foot			CLORS	PE1RT	0.134									

ATTACHMENT 5

ACCESS TO NUMBERS AND NUMBER PORTABILITY

TABLE OF CONTENTS

1. NON-DISCRIMINATORY ACCESS TO TELEPHONE NUMBERS.....	3
2. LOCAL SERVICE PROVIDER NUMBER PORTABILITY - PERMANENT SOLUTION (LNP).....	3
3. OPERATIONAL SUPPORT SYSTEM (OSS) RATES.....	4

ACCESS TO NUMBERS AND NUMBER PORTABILITY

1. NON-DISCRIMINATORY ACCESS TO TELEPHONE NUMBERS

- 1.1 During the term of this Agreement, where CGI is utilizing its own switch, CGI shall contact the North American Numbering Plan Administrator, NeuStar, for the assignment of numbering resources. In order to be assigned a Central Office Code, CGI will be required to complete the Central Office Code (NXX) Assignment Request and Confirmation Form (Code Request Form) in accordance with Industry Numbering Committee's Central Office Code (NXX) Assignment Guidelines (INC 95-0407-008).
- 1.2 Where BellSouth provides local switching or resold services to CGI, BellSouth will provide CGI with on-line access to intermediate telephone numbers as defined by applicable FCC rules and regulations on a first come first served basis. CGI acknowledges that such access to numbers shall be in accordance with the appropriate FCC rules and regulations. CGI acknowledges that there may be instances where there is a shortage of telephone numbers in a particular rate center; and in such instances, BellSouth may request that CGI return unused intermediate numbers to BellSouth. CGI shall return unused intermediate numbers to BellSouth upon BellSouth's request. BellSouth shall make all such requests on a nondiscriminatory basis.
- 1.3 BellSouth will allow CGI to designate up to 100 intermediate telephone numbers per rate center for CGI's sole use. Assignment, reservation and use of telephone numbers shall be governed by applicable FCC rules and regulations. CGI acknowledges that there may be instances where there is a shortage of telephone numbers in a particular rate center and BellSouth has the right to limit access to blocks of intermediate telephone numbers. These instances include: 1) where jeopardy status has been declared by the North American Numbering Plan (NANP) for a particular Numbering Plan Area (NPA); or 2) where a rate center has less than six months supply of numbering resources.

2. LOCAL SERVICE PROVIDER NUMBER PORTABILITY - PERMANENT SOLUTION (LNP)

- 2.1 The Parties will offer Number Portability in accordance with rules, regulations and guidelines adopted by the Commission, the FCC and industry fora.
- 2.2 End User Line Charge. Where CGI subscribes to BellSouth's local switching, BellSouth shall bill and CGI shall pay the end user line charge associated with implementing LNP as set forth in BellSouth's FCC Tariff No. 1. This charge is not subject to the resale discount set forth in Attachment 1 of this Agreement.

- 2.3 To limit service outage, BellSouth and CGI will adhere to the process flows and cutover guidelines for porting numbers as outlined in the LNP Reference Guide, as amended from time to time. The LNP Reference Guide, incorporated herein by reference, is accessible via the Internet at the following site:
<http://www.interconnection.bellsouth.com>. All intervals referenced in the LNP Reference Guide shall apply to both BellSouth and CGI.
- 2.4 The Parties will set Location Routing Number (LRN) unconditional or 10-digit triggers where applicable. Where triggers are set, the porting Party will remove the ported number at the same time the trigger is removed.
- 2.5 A trigger order is a service order issued in advance of the porting of a number. A trigger order 1) initiates call queries to the AIN SS7 network in advance of the number being ported; and 2) provides for the new service provider to be in control of when a number ports.
- 2.6 Where triggers are not set, the Parties shall coordinate the porting of the number between service providers so as to minimize service interruptions to the end user.
- 2.7 BellSouth and CGI will work cooperatively to implement changes to LNP process flows ordered by the FCC or as recommended by standard industry forums addressing LNP.

3. OPERATIONAL SUPPORT SYSTEM (OSS) RATES

- 3.1 The terms, conditions and rates for OSS are as set forth in Attachment 2.

Attachment 6
Pre-Ordering, Ordering, Provisioning,
Maintenance and Repair

TABLE OF CONTENTS

1. QUALITY OF PRE-ORDERING, ORDERING, PROVISIONING, MAINTENANCE AND REPAIR ...3

2. ACCESS TO OPERATIONS SUPPORT SYSTEMS 3

3. MISCELLANEOUS5

PRE-ORDERING, ORDERING, PROVISIONING, MAINTENANCE AND REPAIR

1. QUALITY OF PRE-ORDERING, ORDERING, PROVISIONING, MAINTENANCE AND REPAIR

1.1 BellSouth shall provide pre-ordering, ordering, provisioning, and maintenance and repair services to CGI that are equivalent to the pre-ordering, ordering, provisioning, and maintenance and repair services BellSouth provides to itself or any other CLEC, where technically feasible. The guidelines for pre-ordering, ordering, provisioning, and maintenance and repair are set forth in the various guides and business rules, as appropriate, and as they are amended from time to time during this Agreement. The guides and business rules are found at <http://www.interconnection.bellsouth.com> and are incorporated herein by reference.

1.2 For purposes of this Agreement, BellSouth's regular working hours for provisioning are defined as follows:

Monday – Friday – 8:00 a.m. – 5:00 p.m. (Excluding Holidays)
(Resale/UNE non-coordinated,
coordinated orders and order
coordinated-time specific)
Saturday - 8:00 a.m. – 5:00 p.m. (Excluding Holidays)
(Resale/UNE non-coordinated
orders)

1.2.1 The above hours represent the hours, either Eastern or Central Time, of the location where the physical work is being performed.

1.2.2 To the extent CGI requests provisioning of service to be performed outside BellSouth's regular working hours, or the work so requested requires BellSouth's technicians or Project Manager to work outside of regular working hours, overtime billing charges shall apply. Notwithstanding the foregoing, if such work is performed outside of regular working hours by a BellSouth technician or Project Manager during his or her scheduled shift and BellSouth does not incur any overtime charges in performing the work on behalf of CGI, BellSouth will not assess CGI additional charges beyond the rates and charges specified in this Agreement.

2. ACCESS TO OPERATIONS SUPPORT SYSTEMS

2.1 BellSouth shall provide CGI access to operations support systems ("OSS") functions for pre-ordering, ordering, provisioning, maintenance and repair, and billing. BellSouth shall provide access to the OSS through manual and/or electronic interfaces as described in this Attachment. It is the sole responsibility of

CGI to obtain the technical capability to access and utilize BellSouth's OSS interfaces. Specifications for CGI's access and use of BellSouth's electronic interfaces are set forth at www.interconnection.bellsouth.com and are incorporated herein by reference.

- 2.1.1 Pre-Ordering. In accordance with FCC and Commission rules and orders, BellSouth will provide electronic access to the following pre-ordering functions: service address validation, telephone number selection, service and feature availability, due date information, customer record information and loop makeup information. Access is provided through the Local Exchange Navigation System (LENS) interface and the Telecommunications Access Gateway (TAG) interface. Customer record information includes customer specific information in CRIS and RSAG. CGI shall provide to BellSouth access to customer record information including circuit numbers associated with each telephone number where applicable. CGI shall provide such information within four (4) hours after request via electronic access where available. If electronic access is not available, CGI shall provide to BellSouth paper copies of customer record information including circuit numbers associated with each telephone number where applicable. If BellSouth requests the information before noon, the customer record information shall be provided the same day. If BellSouth requests the information after noon, the customer record information shall be provided by noon the following day.
- 2.1.2 The Parties agree not to view, copy, or otherwise obtain access to the customer record information of any customer without that customer's permission. CGI will obtain access to customer record information only in strict compliance with applicable laws, rules, or regulations of the State in which the service is provided. BellSouth reserves the right to audit CGI's access to customer record information. If a BellSouth audit of CGI's access to customer record information reveals that CGI is accessing customer record information without having obtained the proper End User authorization, BellSouth upon reasonable notice to CGI may take corrective action, including but not limited to suspending or terminating CGI's electronic access to BellSouth's OSS functionality. All such information obtained through an audit shall be deemed Information covered by the Proprietary and Confidential Information section in the General Terms and Conditions of this Agreement.
- 2.1.3 Service Ordering. BellSouth will make available the Electronic Data Interchange (EDI) interface and the TAG ordering interface for the purpose of exchanging order information, including order status and completion notification, for non-complex and certain complex resale requests and certain network elements. CGI may integrate the EDI interface or the TAG ordering interface with the TAG pre-ordering interface. In addition, BellSouth will provide integrated pre-ordering and ordering capability through the LENS interface for non-complex and certain complex resale service requests and certain network element requests.
- 2.1.4 Maintenance and Repair. CGI may report and monitor service troubles and obtain repair services from BellSouth via electronic interfaces. BellSouth provides

several options for electronic trouble reporting. For exchange services, BellSouth will offer CGI non-discriminatory access to the Trouble Analysis Facilitation Interface (TAFI). In addition, BellSouth will offer an industry standard, machine-to-machine Electronic Communications Trouble Administration (ECTA) Gateway interface. For designed services, BellSouth will provide non-discriminatory trouble reporting via the ECTA Gateway. BellSouth will provide CGI an estimated time to repair, an appointment time or a commitment time, as appropriate, on trouble reports. Requests for trouble repair will be billed in accordance with the provisions of this Attachment. BellSouth and CGI agree to adhere to BellSouth's Operational Understanding, as amended from time to time during this Agreement and as incorporated herein by reference. The Operational Understanding may be accessed via the Internet at <http://www.interconnection.bellsouth.com>.

2.2 Change Management. BellSouth provides a collaborative process for change management of the electronic interfaces through the Change Control Process (CCP). Guidelines for this process are set forth in the CCP document as amended from time to time during this Agreement. The CCP document may be accessed via the Internet at <http://www.interconnection.bellsouth.com>.

2.3 BellSouth's Versioning Policy for Electronic Interfaces. BellSouth's Versioning Policy is part of the Change Control Process (CCP). Pursuant to the CCP, BellSouth will issue new software releases for new industry standards for its EDI and TAG electronic interfaces. The Versioning Policy, including the appropriate notification to CGI, is set forth in the CCP document as amended from time to time during this Agreement. The CCP document may be accessed via the Internet at <http://www.interconnection.bellsouth.com>.

2.4 Rates. Charges for use of OSS shall be as set forth in Attachments 1 and 2 of this Agreement and are incorporated herein by reference.

3. MISCELLANEOUS

3.1 Pending Orders. Orders placed in the hold or pending status by CGI will be held for a maximum of thirty (30) days from the date the order is placed on hold. After such time, CGI shall be required to submit a new service request. Incorrect or invalid requests returned to CGI for correction or clarification will be held for thirty (30) days. If CGI does not return a corrected request within thirty (30) days, BellSouth will cancel the request.

3.2 Single Point of Contact. CGI will be the single point of contact with BellSouth for ordering activity for network elements and other services used by CGI to provide services to its end users, except that BellSouth may accept a request directly from another CLEC, or BellSouth, acting with authorization of the affected end user. CGI and BellSouth shall each execute a blanket letter of authorization with respect to customer requests so that prior proof of end-user authorization will not be necessary with every request. The Parties shall each be entitled to adopt their own internal processes for verification of customer authorization for requests, provided,

however, that such processes shall comply with applicable state and federal law including, until superseded, the FCC guidelines and orders applicable to Presubscribed Interexchange Carrier (PIC) changes, including Un-PIC. Pursuant to a request from another carrier, BellSouth may disconnect any network element being used by CGI to provide service to that end user and may reuse such network elements or facilities to enable such other carrier to provide service to the end user. BellSouth will notify CGI that such a request has been processed, but will not be required to notify CGI in advance of such processing.

- 3.2.1 Neither BellSouth nor CGI shall prevent or delay an end-user from migrating to another carrier because of unpaid bills, denied service, or contract terms.
- 3.2.2 BellSouth shall provide access to customer service records (CSRs), Firm Order Confirmations (FOCs) and Local Service Request rejects within the intervals set forth in Attachment 9 of this Agreement.
- 3.2.3 CGI shall return a FOC to BellSouth within thirty-six (36) hours after CGI's receipt from BellSouth of a valid LSR.
- 3.2.4 CGI shall provide a Reject Response to BellSouth within twenty-four (24) hours after BellSouth's submission of an LSR which is incomplete or incorrectly formatted.
- 3.3 Use of Facilities. When a customer of CGI elects to discontinue service and to transfer service to another local exchange carrier, including BellSouth, BellSouth shall have the right to reuse the facilities provided to CGI by BellSouth. In addition, where BellSouth provides local switching, BellSouth may disconnect and reuse facilities when the facility is in a denied state and BellSouth has received a request to establish new service or transfer of service from a customer or a customer's CLEC at the same address served by the denied facility. BellSouth will notify CGI that such a request has been processed after the disconnect order has been completed.
- 3.4 Contact Numbers. The Parties agree to provide one another with toll-free nationwide (50 states) contact numbers for the purpose of ordering, provisioning and maintenance of services.
- 3.5 Subscription Functions. In cases where BellSouth performs subscription functions for an interexchange carrier ("IXC") (i.e. PIC and LPIC changes via Customer Account Record Exchange (CARE)), BellSouth will provide the affected IXCs with the Operating Company Number (OCN) of the local provider for the purpose of obtaining end user billing account and other end user information required under subscription requirements.
- 3.6 Cancellation Charges. If CGI cancels a request for network elements or other services, any costs incurred by BellSouth in conjunction with the provisioning of that request will be recovered in accordance with BellSouth's Private Line Tariff or BellSouth's FCC No. 1 Tariff, Section 5.4, as applicable. Notwithstanding the

foregoing, if CGI places an LSR based upon BellSouth's loop makeup information, and such information is inaccurate resulting in the inability of BellSouth to provision the network elements or services requested in accordance with the transmission characteristics of the network elements or services requested, cancellation charges described in this Section shall not apply. Where CGI places a single LSR for multiple network elements or services based upon loop makeup information, and information as to some, but not all, of the network elements or services is inaccurate, if BellSouth cannot provision the network elements or services that were the subject of the inaccurate loop makeup information, CGI may cancel its request for those network elements or services without incurring cancellation charges as described in this Section. In such instance, should CGI elect to cancel the entire LSR, cancellation charges as described in this Section shall apply to those elements and services that were not the subject of inaccurate loop makeup.

- 3.7 Service Date Advancement Charges (a.k.a. Expedites). For Service Date Advancement requests by CGI, Service Date Advancement charges will apply for intervals less than the standard interval as outlined in the BellSouth Product and Services Interval Guide. The charges as outlined in BellSouth's FCC No. 1 Tariff, Section 5, will apply as applicable.

Attachment 7

Billing

TABLE OF CONTENTS

1. PAYMENT AND BILLING ARRANGEMENTS.....	3
2. BILLING DISPUTES.....	6
3. RAO HOSTING.....	7
4. OPTIONAL DAILY USAGE FILE	10
5. ACCESS DAILY USAGE FILE	13
Rates.....	Exhibit A

BILLING

1. PAYMENT AND BILLING ARRANGEMENTS

The terms and conditions set forth in this Attachment shall apply to all services ordered and provisioned pursuant to this Agreement.

- 1.1 **Billing.** BellSouth will bill through the Carrier Access Billing System (CABS), Tapestry and/or the Customer Records Information System (CRIS) depending on the particular service(s) provided to CGI under this Agreement. BellSouth will format all bills in CBOS Standard or CLUB/EDI format, depending on the type of service provided. For those services where standards have not yet been developed, BellSouth's billing format will change as necessary when standards are finalized by the applicable industry forum.
 - 1.1.1 For any service(s) BellSouth receives from CGI, CGI shall bill BellSouth in CABS format.
 - 1.1.2 If either Party requests multiple billing media or additional copies of bills, the Billing Party will provide these at a reasonable cost.
 - 1.1.3 Any switched access charges associated with interexchange carrier access to the resold local exchange lines will be billed by, and due to BellSouth.
 - 1.1.4 BellSouth will render bills each month for resold lines on established bill days for each of CGI's accounts. If either Party requests multiple billing media or additional copies of the bills, the Billing Party will provide these at a reasonable cost.
 - 1.1.5 BellSouth will bill CGI in advance for all resold services to be provided during the ensuing billing period except charges associated with service usage, which will be billed in arrears. Charges will be calculated on an individual End User account level, including, if applicable, any charge for usage or usage allowances. BellSouth will also bill CGI, and CGI will be responsible for and remit to BellSouth, all charges applicable to resold services including but not limited to 911 and E911 charges, End Users common line charges, federal subscriber line charges, telecommunications relay charges (TRS), and franchise fees.
 - 1.1.6 BellSouth will not perform billing and collection services for CGI as a result of the execution of this Agreement. All requests for billing services should be referred to the appropriate entity or operational group within BellSouth.
 - 1.1.7 In the event that this Agreement or an amendment to this Agreement effects a rate change to recurring rate elements that are billed in advance, BellSouth will make an adjustment to such recurring rates billed in advance and at the previously effective rate. The adjustment shall reflect billing at the new rates from the Effective Date of the Agreement or amendment.

- 1.2 Establishing Accounts. After receiving certification as a local exchange carrier from the appropriate regulatory agency, CGI will provide the appropriate BellSouth local contract manager the necessary documentation to enable BellSouth to establish accounts for Local Interconnection, Network Elements and Other Services, Collocation and/or resold services. Such documentation shall include the Application for Master Account, if applicable, proof of authority to provide telecommunications services, the appropriate Operating Company Number (OCN) assigned by the National Exchange Carriers Association (NECA), Carrier Identification Code (CIC), Group Access Code (GAC), Access Customer Name and Abbreviation (ACNA), as applicable, and a tax exemption certificate, if applicable.
- 1.2.1 Payment Responsibility. Payment of all charges will be the responsibility of CGI. CGI shall make payment to BellSouth for all services billed. Payments made by CGI to BellSouth as payment on account will be credited to CGI's accounts receivable master account. BellSouth will not become involved in billing disputes that may arise between CGI and CGI's customer.
- 1.3 Payment Due. Payment for services provided will be due on or before the next bill date and is payable in immediately available funds. Payment is considered to have been made when received by BellSouth.
- 1.4 If the payment due date falls on a Sunday or on a Holiday that is observed on a Monday, the payment due date shall be the first non-Holiday day following such Sunday or Holiday. If the payment due date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday, or Friday, the payment due date shall be the last non-Holiday day preceding such Saturday or Holiday. If payment is not received by the payment due date, a late payment charge, as set forth in Section 1.6, below, shall apply.
- 1.5 Tax Exemption. Upon BellSouth's receipt of tax exemption certificate, the total amount billed to CGI will not include those taxes or fees from which CGI is exempt. CGI will be solely responsible for the computation, tracking, reporting and payment of all taxes and like fees associated with the services provided to the end user of CGI.
- 1.6 Late Payment. If any portion of the payment is received by BellSouth after the payment due date as set forth preceding, or if any portion of the payment is received by BellSouth in funds that are not immediately available to BellSouth, then a late payment charge shall be due to BellSouth. The late payment charge shall be the portion of the payment not received by the payment due date multiplied by a late factor and will be applied on a per bill basis. The late factor shall be as set forth in Section A2 of the General Subscriber Services Tariff, Section B2 of the Private Line Service Tariff or Section E2 of the Intrastate Access Tariff, as appropriate. In addition to any applicable late payment charges,

CGI may be charged a fee for all returned checks as set forth in Section A2 of the General Subscriber Services Tariff or pursuant to the applicable state law.

1.7 Discontinuing Service to CGI. The procedures for discontinuing service to CGI are as follows:

1.7.1 BellSouth reserves the right to suspend or terminate service in the event of prohibited, unlawful or improper use of BellSouth facilities or service, abuse of BellSouth facilities, or any other violation or noncompliance by CGI of the rules and regulations of BellSouth's tariffs.

1.7.2 BellSouth reserves the right to suspend or terminate service for nonpayment. If payment of amounts not subject to a billing dispute, as described in Section 2, is not received by the bill date in the month after the original bill date, BellSouth will provide written notice to CGI that additional applications for service may be refused, that any pending orders for service may not be completed, and/or that access to ordering systems may be suspended if payment is not received by the fifteenth day following the date of the notice. In addition, BellSouth may, at the same time, provide written notice to the person designated by CGI to receive notices of noncompliance that BellSouth may discontinue the provision of existing services to CGI if payment is not received by the thirtieth day following the date of the initial notice.

1.7.3 In the case of such discontinuance, all billed charges, as well as applicable termination charges, shall become due.

1.7.4 If BellSouth does not discontinue the provision of the services involved on the date specified in the thirty days notice and CGI's noncompliance continues, nothing contained herein shall preclude BellSouth's right to discontinue the provision of the services to CGI without further notice.

1.7.5 Upon discontinuance of service on CGI's account, service to CGI's end users will be denied. BellSouth will reestablish service for CGI upon payment of all past due charges and the appropriate connection fee subject to BellSouth's normal application procedures. CGI is solely responsible for notifying the end user of the proposed service disconnection. If within fifteen (15) days after CGI has been denied and no arrangements to reestablish service have been made consistent with this subsection, CGI's service will be disconnected.

1.8 Deposit Policy. CGI shall complete the BellSouth Credit Profile and provide information to BellSouth regarding credit worthiness. Based on the results of the credit analysis, BellSouth reserves the right to secure the account with a suitable form of security deposit. Such security deposit shall take the form of cash, an Irrevocable Letter of Credit (BellSouth form), Surety Bond (BellSouth form) or, in BellSouth's sole discretion, some other form of security. Any such security deposit shall in no way release CGI from its obligation to make complete and

timely payments of its bill. CGI shall pay any applicable deposits prior to the inauguration of service. If, in the sole opinion of BellSouth, circumstances so warrant and/or gross monthly billing has increased beyond the level initially used to determine the level of security deposit, BellSouth reserves the right to request additional security. Interest on a security deposit, if provided in cash, shall accrue and be paid in accordance with the terms in the appropriate BellSouth tariff. Security deposits collected under this Section shall not exceed two months' estimated billing. In the event CGI fails to remit to BellSouth any deposit requested pursuant to this Section, service to CGI may be terminated in accordance with the terms of Section 1.7 of this Attachment, and any security deposits will be applied to CGI's account(s). In the event CGI defaults on its account, service to CGI will be terminated and any security deposits will be applied to CGI's account.

- 1.9 Notices. Notwithstanding anything to the contrary in this Agreement, all bills and notices regarding billing matters, including notices relating to security deposits, disconnection of services for nonpayment of charges, and rejection of additional orders from CGI, shall be forwarded to the individual and/or address provided by CGI in establishment of its billing account(s) with BellSouth, or to the individual and/or address subsequently provided by CGI as the contact for billing information. All monthly bills and notices described in this Section shall be forwarded to the same individual and/or address; provided, however, upon written notice from CGI to BellSouth's billing organization, a final notice of disconnection of services purchased by CGI under this Agreement shall be sent via certified mail to the individual(s) listed in the Notices provision of the General Terms and Conditions of this Agreement at least 30 days before BellSouth takes any action to terminate such services.

- 1.10 Rates. Rates for Optional Daily Usage File (ODUF), Access Daily Usage File (ADUF), and Centralized Message Distribution Service (CMDs) are set out in Exhibit A to this Attachment. If no rate is identified in this Attachment, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.

2. BILLING DISPUTES

- 2.1 Each Party agrees to notify the other Party in writing upon the discovery of a billing dispute. CGI shall report all billing disputes to BellSouth using the Billing Adjustment Request Form (RF 1461) provided by BellSouth. In the event of a billing dispute, the Parties will endeavor to resolve the dispute within sixty (60) calendar days of the notification date. If the Parties are unable within the 60 day period to reach resolution, then the aggrieved Party may pursue dispute resolution in accordance with the General Terms and Conditions of this Agreement.

- 2.2 For purposes of this Section 2, a billing dispute means a reported dispute of a specific amount of money actually billed by either Party. The dispute must be

clearly explained by the disputing Party and supported by written documentation, which clearly shows the basis for disputing charges. By way of example and not by limitation, a billing dispute will not include the refusal to pay all or part of a bill or bills when no written documentation is provided to support the dispute, nor shall a billing dispute include the refusal to pay other amounts owed by the billed Party until the dispute is resolved. Claims by the billed Party for damages of any kind will not be considered a billing dispute for purposes of this Section. If the billing dispute is resolved in favor of the billing Party, the disputing Party will make immediate payment of any of the disputed amount owed to the billing Party or the billing Party shall have the right to pursue normal treatment procedures. Any credits due to the disputing Party, pursuant to the billing dispute, will be applied to the disputing Party's account by the billing Party immediately upon resolution of the dispute.

- 2.3 If a Party disputes a charge and does not pay such charge by the payment due date, or if a payment or any portion of a payment is received by either Party after the payment due date, or if a payment or any portion of a payment is received in funds which are not immediately available to the other Party, then a late payment charge and interest, where applicable, shall be assessed. For bills rendered by either Party for payment, the late payment charge for both Parties shall be calculated based on the portion of the payment not received by the payment due date multiplied by the late factor as set forth in the following BellSouth tariffs: for services purchased from the General Subscribers Services Tariff for purposes of resale and for ports and non-designed loops, Section A2 of the General Subscriber Services Tariff; for services purchased from the Private Line Tariff for purposes of resale, Section B2 of the Private Line Service Tariff; and for designed network elements and other services and local interconnection charges, Section E2 of the Access Service Tariff. The Parties shall assess interest on previously assessed late payment charges only in a state where it has the authority pursuant to its tariffs.

3. RAO HOSTING

- 3.1 RAO Hosting, Calling Card and Third Number Settlement System (CATS) and Non-Intercompany Settlement System (NICS) services provided to CGI by BellSouth will be in accordance with the methods and practices regularly applied by BellSouth to its own operations during the term of this Agreement, including such revisions as may be made from time to time by BellSouth.
- 3.2 CGI shall furnish all relevant information required by BellSouth for the provision of RAO Hosting, CATS and NICS.
- 3.3 Charges or credits, as applicable, will be applied by BellSouth to CGI on a monthly basis in arrears. Amounts due (excluding adjustments) are payable within thirty (30) days of receipt of the billing statement.

- 3.4 CGI must have its own unique hosted RAO code. Where BellSouth is the selected CMDS interfacing host, CGI must request that BellSouth establish a unique hosted RAO code for CGI. Such request shall be in writing to the BellSouth RAO Hosting coordinator and must be submitted at least eight (8) weeks prior to provision of services pursuant to this Section. Services shall commence on a date mutually agreed by the Parties.
- 3.5 BellSouth will receive messages from CGI that are to be processed by BellSouth, another LEC in the BellSouth region or a LEC outside the BellSouth region. CGI shall send all messages to BellSouth no later than sixty (60) days after the message date.
- 3.6 BellSouth will perform invoice sequence checking, standard EMI format editing, and balancing of message data with the EMI trailer record counts on all data received from CGI.
- 3.7 All data received from CGI that is to be processed or billed by another LEC within the BellSouth region will be distributed to that LEC in accordance with the Agreement(s) in effect between BellSouth and the involved LEC.
- 3.8 All data received from CGI that is to be placed on the CMDS network for distribution outside the BellSouth region will be handled in accordance with the agreement(s) in effect between BellSouth and its connecting contractor.
- 3.9 BellSouth will receive messages from the CMDS network that are destined to be processed by CGI and will forward them to CGI on a daily basis for processing.
- 3.10 Transmission of message data between BellSouth and CGI will be via CONNECT:Direct.
- 3.10.1 Data circuits (private line or dial-up) will be required between BellSouth and CGI for the purpose of data transmission. Where a dedicated line is required, CGI will be responsible for ordering the circuit and coordinating the installation with BellSouth. CGI is responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit data will be negotiated on a individual case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to CGI. Additionally, all message toll charges associated with the use of the dial circuit by CGI will be the responsibility of CGI. Associated equipment on the BellSouth end, including a modem, will be negotiated on a individual case basis between the Parties. All equipment, including modems and software, that is required on the CGI end for the purpose of data transmission will be the responsibility of CGI.

- 3.11 All messages and related data exchanged between BellSouth and CGI will be formatted for EMI formatted records and packed between appropriate EMI header and trailer records in accordance with accepted industry standards.
- 3.12 CGI will maintain recorded message detail necessary to recreate files provided to BellSouth for a period of three (3) calendar months beyond the related message dates.
- 3.13 Should it become necessary for CGI to send data to BellSouth more than sixty (60) days past the message date(s), CGI will notify BellSouth in advance of the transmission of the data. BellSouth will work with its connecting contractor and/or CGI, where necessary, to notify all affected LECs.
- 3.14 In the event that data to be exchanged between the two Parties should become lost or destroyed, the Party responsible for creating the data will make every effort to restore and retransmit such data. If the data cannot be retrieved, the Party responsible for losing or destroying the data will be liable to the other Party for any resulting lost revenue. Lost revenue may be a combination of revenues that could not be billed to the end users and associated access revenues. Both Parties will work together to estimate the revenue amount based upon historical data through a method mutually agreed upon. The resulting estimated revenue loss will be paid by the responsible Party to the other Party within three (3) calendar months of the resolution of the amount owed, or as mutually agreed upon by the Parties.
- 3.15 Should an error be detected by the EMI format edits performed by BellSouth on data received from CGI, the entire pack containing the affected data will not be processed by BellSouth. BellSouth will notify CGI of the error. CGI will correct the error(s) and will resend the entire pack to BellSouth for processing. In the event that an out-of-sequence condition occurs on subsequent packs, CGI will resend these packs to BellSouth after the pack containing the error has been successfully reprocessed by BellSouth.
- 3.16 In association with message distribution service, BellSouth will provide CGI with associated intercompany settlements reports (CATS and NICS) as appropriate.
- 3.17 Notwithstanding anything in this Agreement to the contrary, in no case shall either Party be liable to the other for any direct or consequential damages incurred as a result of the obligations set out in this Section 3.
- 3.18 Intercompany Settlements Messages
 - 3.18.1 Intercompany Settlements Messages facilitate the settlement of revenues associated with traffic originated from or billed by CGI as a facilities based provider of local exchange telecommunications services outside the BellSouth region. Only traffic that originates in one Bell operating territory and bills in another Bell operating territory is included. Traffic that originates and bills within

the same Bell operating territory will be settled on a local basis between CGI and the involved company(ies), unless that company is participating in NICS.

- 3.18.2 Both traffic that originates outside the BellSouth region by CGI and is billed within the BellSouth region, and traffic that originates within the BellSouth region and is billed outside the BellSouth region by CGI, is covered by CATS. Also covered is traffic that either is originated by or billed by CGI, involves a company other than CGI, qualifies for inclusion in the CATS settlement, and is not originated or billed within the BellSouth region (NICS).
- 3.18.3 Once CGI is operating within the BellSouth territory, revenues associated with calls originated and billed within the BellSouth region will be settled via NICS.
- 3.18.4 BellSouth will receive the monthly NICS reports from Telcordia on behalf of CGI. BellSouth will distribute copies of these reports to CGI on a monthly basis.
- 3.18.5 BellSouth will receive the monthly CATS reports from Telcordia on behalf of CGI. BellSouth will distribute copies of these reports to CGI on a monthly basis.
- 3.18.6 BellSouth will collect the revenue earned by CGI from the Bell operating company in whose territory the messages are billed via CATS, less a per message billing and collection fee of five cents (\$0.05), on behalf of CGI. BellSouth will remit the revenue billed by CGI to the Bell operating company in whose territory the messages originated, less a per message billing and collection fee of five cents (\$0.05), on behalf on CGI. These two amounts will be netted together by BellSouth and the resulting charge or credit issued to CGI via a monthly Carrier Access Billing System (CABS) miscellaneous bill.
- 3.18.7 BellSouth will collect the revenue earned by CGI within the BellSouth territory from another CLEC also within the BellSouth territory (NICS) where the messages are billed, less a per message billing and collection fee of five cents (\$0.05), on behalf of CGI. BellSouth will remit the revenue billed by CGI within the BellSouth region to the CLEC also within the BellSouth region, where the messages originated, less a per message billing and collection fee of five cents (\$0.05). These two amounts will be netted together by BellSouth and the resulting charge or credit issued to CGI via a monthly CABS miscellaneous bill.
- 3.18.8 BellSouth and CGI agree that monthly netted amounts of less than fifty dollars (\$50.00) will not be settled.

4. OPTIONAL DAILY USAGE FILE

- 4.1 Upon written request from CGI, BellSouth will provide the Optional Daily Usage File (ODUF) service to CGI pursuant to the terms and conditions set forth in this section.

- 4.2 CGI shall furnish all relevant information required by BellSouth for the provision of the ODUF.
- 4.3 The ODUF feed will contain billable messages that were carried over the BellSouth Network and processed in the BellSouth Billing System, but billed to a CGI customer.
- 4.4 Charges for the ODUF will appear on CGIs' monthly bills. The charges are as set forth in Exhibit A to this Attachment.
- 4.5 The ODUF feed will contain both rated and unrated messages. All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.
- 4.6 Messages that error in the billing system of CGI will be the responsibility of CGI. If, however, CGI should encounter significant volumes of errored messages that prevent processing by CGI within its systems, BellSouth will work with CGI to determine the source of the errors and the appropriate resolution.
- 4.7 The following specifications shall apply to the ODUF feed.
 - 4.7.1 ODUF Messages to be Transmitted
 - 4.7.1.1 The following messages recorded by BellSouth will be transmitted to CGI:
 - 4.7.1.1.1 Message recording for per use/per activation type services (examples:
Three -Way Calling, Verify, Interrupt, Call Return, etc.)
 - 4.7.1.1.2 Measured billable Local
 - 4.7.1.1.3 Directory Assistance messages
 - 4.7.1.1.4 IntraLATA Toll
 - 4.7.1.1.5 WATS and 800 Service
 - 4.7.1.1.6 N11
 - 4.7.1.1.7 Information Service Provider Messages
 - 4.7.1.1.8 Operator Services Messages
 - 4.7.1.1.9 Operator Services Message Attempted Calls (Network Element only)
 - 4.7.1.1.10 Credit/Cancel Records
 - 4.7.1.1.11 Usage for Voice Mail Message Service

- 4.7.1.2 Rated Incollects (messages BellSouth receives from other revenue accounting offices) can also be on ODUF. Rated Incollects will be intermingled with BellSouth recorded rated and unrated usage. Rated Incollects will not be packed separately.
- 4.7.1.3 BellSouth will perform duplicate record checks on records processed to ODUF. Any duplicate messages detected will be deleted and not sent to CGI.
- 4.7.1.4 In the event that CGI detects a duplicate on ODUF they receive from BellSouth, CGI will drop the duplicate message and will not return the duplicate to BellSouth.
- 4.7.2 ODUF Physical File Characteristics
 - 4.7.2.1 ODUF will be distributed to CGI via CONNECT:Direct or another mutually agreed medium. The ODUF feed will be a variable block format (2476) with a Logical Record Link (LRECL) of 2472. The data on the ODUF feed will be in a non-compacted EMI format (175 byte format plus modules). It will be created on a daily basis Monday through Friday except holidays. Details such as dataset name and delivery schedule will be addressed during negotiations of the distribution medium. There will be a maximum of one dataset per workday per OCN.
 - 4.7.2.2 Data circuits (private line or dial-up) will be required between BellSouth and CGI for the purpose of data transmission as set forth in Section 3.10.1 above.
- 4.7.3 ODUF Packing Specifications
 - 4.7.3.1 A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.
 - 4.7.3.2 The OCN, From RAO, and Invoice Number will control the invoice sequencing. The From RAO will be used to identify to CGI which BellSouth RAO that is sending the message. BellSouth and CGI will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by CGI and resend the data as appropriate.
The data will be packed using ATIS EMI records.
- 4.7.4 ODUF Pack Rejection
 - 4.7.4.1 CGI will notify BellSouth within one business day of rejected packs (via the mutually agreed medium). Packs could be rejected because of pack sequencing discrepancies or a critical edit failure on the Pack Header or Pack Trailer records (i.e. out-of-balance condition on grand totals, invalid data populated). Standard ATIS EMI error codes will be used. CGI will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and retransmitted to CGI by BellSouth.

4.7.5 ODUF Control Data

4.7.5.1 CGI will send one confirmation record per pack that is received from BellSouth. This confirmation record will indicate CGI's receipt of the pack and acceptance or rejection of the pack. Pack Status Code(s) will be populated using standard ATIS EMI error codes for packs that were rejected by CGI for reasons stated in the above section.

4.7.6 ODUF Testing

4.7.6.1 Upon request from CGI, BellSouth shall send ODUF test files to CGI. The Parties agree to review and discuss the ODUF content and/or format. For testing of usage results, BellSouth shall request that CGI set up a production (live) file. The live test may consist of CGI's employees making test calls for the types of services CGI requests on ODUF. These test calls are logged by CGI, and the logs are provided to BellSouth. These logs will be used to verify the files. Testing will be completed within 30 calendar days from the date on which the initial test file was sent.

5. ACCESS DAILY USAGE FILE

5.1 Upon written request from CGI, BellSouth will provide the Access Daily Usage File (ADUF) service to CGI pursuant to the terms and conditions set forth in this section.

5.2 CGI shall furnish all relevant information required by BellSouth for the provision of ADUF.

5.3 ADUF will contain access messages associated with a port that CGI has purchased from BellSouth

5.4 Charges for ADUF will appear on CGI's monthly bills. The charges are as set forth in Exhibit A to this Attachment. All messages will be in the standard ATIS EMI record format.

5.5 Messages that error in the billing system of CGI will be the responsibility of CGI. If, however, CGI should encounter significant volumes of errored messages that prevent processing by CGI within its systems, BellSouth will work with CGI to determine the source of the errors and the appropriate resolution.

5.6 ADUF Messages To Be Transmitted

5.6.1 The following messages recorded by BellSouth will be transmitted to CGI:

5.6.1.1 Recorded originating and terminating interstate and intrastate access records associated with a port.

- 5.6.1.2 Recorded terminating access records for undetermined jurisdiction access records associated with a port.
- 5.6.2 BellSouth will perform duplicate record checks on records processed to ADUF. Any duplicate messages detected will be dropped and not sent to CGI.
- 5.6.3 In the event that CGI detects a duplicate on ADUF they receive from BellSouth, CGI will drop the duplicate message and will not return the duplicate to BellSouth.
- 5.6.4 ADUF Physical File Characteristics
 - 5.6.4.1 ADUF will be distributed to CGI via CONNECT:Direct or another mutually agreed medium. The ADUF feed will be a fixed block format (2476) with an LRECL of 2472. The data on the ADUF feed will be in a non-compacted EMI format (210 byte). It will be created on a daily basis Monday through Friday except holidays. Details such as dataset name and delivery schedule will be addressed during negotiations of the distribution medium. There will be a maximum of one dataset per workday per OCN.
 - 5.6.4.2 Data circuits (private line or dial-up) will be required between BellSouth and CGI for the purpose of data transmission as set forth in Section 3.10.1 above.
- 5.6.5 ADUF Packing Specifications
 - 5.6.5.1 A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.
 - 5.6.5.2 The OCN, From RAO, and Invoice Number will control the invoice sequencing. The From RAO will be used to identify to CGI which BellSouth RAO is sending the message. BellSouth and CGI will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by CGI and resend the data as appropriate.

The data will be packed using ATIS EMI records.
- 5.6.6 ADUF Pack Rejection
 - 5.6.6.1 CGI will notify BellSouth within one business day of rejected packs (via the mutually agreed medium). Packs could be rejected because of pack sequencing discrepancies or a critical edit failure on the Pack Header or Pack Trailer records (i.e. out-of-balance condition on grand totals, invalid data populated). Standard ATIS EMI error codes will be used. CGI will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and retransmitted to CGI by BellSouth.
- 5.6.7 ADUF Control Data

- 5.6.7.1 CGI will send one confirmation record per pack that is received from BellSouth. This confirmation record will indicate CGI's receipt of the pack and acceptance or rejection of the pack. Pack Status Code(s) will be populated using standard ATIS EMI error codes for packs that were rejected by CGI for reasons stated in the above section.
- 5.6.8 ADUF Testing
- 5.6.8.1 Upon request from CGI, BellSouth shall send a test file of generic data to CGI via Connect:Direct or Text File via E-Mail. The Parties agree to review and discuss the test file's content and/or format.

ODUF/ADUF/EODUF/CMDS - Alabama												Attachment: 7		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l		
						Rec	Nonrecurring		Nonrecurring Disconnect							OSS Rates(\$)	
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
ODUF/ADUF/OEDUF/CMDS																	
	ACCESS DAILY USAGE FILE (ADUF)																
	ADUF: Message Processing, per message				N/A	0.007037											
	ADUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.000113											
	OPTIONAL DAILY USAGE FILE (ODUF)																
	ODUF: Recording, per message				N/A	0.000011											
	ODUF: Message Processing, per message				N/A	0.004101											
	ODUF: Message Processing, per Magnetic Tape provisioned				N/A	42.67											
	ODUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.000094											
	CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)																
	CMDS: Message Processing, per message				N/A	0.004											
	CMDS: Data Transmission (CONNECT:DIRECT), per message				N/A	0.001											
	ENHANCED OPTIONAL DAILY USAGE FILE (EODUF)																
	EODUF: Message Processing, per message				N/A	0.22											
Notes: If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.																	

ODUF/ADUF/EODUF/CMDS - Florida											Attachment: 7		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
ODUF/ADUF/OEDUF/CMDS																
	ACCESS DAILY USAGE FILE (ADUF)															
	ADUF: Message Processing, per message				N/A	0.014391										
	ADUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.00012973										
	OPTIONAL DAILY USAGE FILE (ODUF)															
	ODUF: Recording, per message				N/A	0.0000071										
	ODUF: Message Processing, per message				N/A	0.006835										
	ODUF: Message Processing, per Magnetic Tape provisioned				N/A	48.96										
	ODUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.00010811										
	CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)															
	CMDS: Message Processing, per message				N/A	0.004										
	CMDS: Data Transmission (CONNECT:DIRECT), per message				N/A	0.001										
	ENHANCED OPTIONAL DAILY USAGE FILE (EODUF)															
	EODUF: Message Processing, per message				N/A	0.229109										
Notes: If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.																

ODUF/ADUF/EODUF/CMDS - Georgia											Attachment: 7		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
ODUF/ADUF/OEDUF/CMDS																
	ACCESS DAILY USAGE FILE (ADUF)															
	ADUF: Message Processing, per message				N/A	0.0136327										
	ADUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.0000434										
	OPTIONAL DAILY USAGE FILE (ODUF)															
	ODUF: Recording, per message				N/A	0.0001275										
	ODUF: Message Processing, per message				N/A	0.0082548										
	ODUF: Message Processing, per Magnetic Tape provisioned				N/A	28.85										
	ODUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.0000434										
	CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)															
	CMDS: Message Processing, per message				N/A	0.004										
	CMDS: Data Transmission (CONNECT:DIRECT), per message				N/A	0.001										
	ENHANCED OPTIONAL DAILY USAGE FILE (EODUF)															
	EODUF: Message Processing, per message				N/A	0.0034555										
Notes: If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.																

ODUF/ADUF/EODUF/CMDS - Kentucky											Attachment: 7		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
ODUF/ADUF/OEDUF/CMDS																
	ACCESS DAILY USAGE FILE (ADUF)															
	ADUF: Message Processing, per message				N/A	0.001857										
	ADUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.0001245										
	OPTIONAL DAILY USAGE FILE (ODUF)															
	ODUF: Recording, per message				N/A	0.0000136										
	ODUF: Message Processing, per message				N/A	0.002506										
	ODUF: Message Processing, per Magnetic Tape provisioned				N/A	35.90										
	ODUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.00010372										
	CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)															
	CMDS: Message Processing, per message				N/A	0.004										
	CMDS: Data Transmission (CONNECT:DIRECT), per message				N/A	0.001										
	ENHANCED OPTIONAL DAILY USAGE FILE (EODUF)															
	EODUF: Message Processing, per message				N/A	0.235889										
Notes: If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.																

ODUF/ADUF/EODUF/CMDS - Louisiana											Attachment: 7		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
ODUF/ADUF/OEDUF/CMDS																
	ACCESS DAILY USAGE FILE (ADUF)															
	ADUF: Message Processing, per message				N/A	0.007983										
	ADUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.00012681										
	OPTIONAL DAILY USAGE FILE (ODUF)															
	ODUF: Recording, per message				N/A	0.0000117										
	ODUF: Message Processing, per message				N/A	0.004641										
	ODUF: Message Processing, per Magnetic Tape provisioned				N/A	48.45										
	ODUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.00010568										
	CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)															
	CMDS: Message Processing, per message				N/A	0.004										
	CMDS: Data Transmission (CONNECT:DIRECT), per message				N/A	0.001										
	ENHANCED OPTIONAL DAILY USAGE FILE (EODUF)															
	EODUF: Message Processing, per message				N/A	0.250015										
Notes: If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.																

ODUF/ADUF/EODUF/CMDS - Mississippi											Attachment: 7		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
ODUF/ADUF/OEDUF/CMDS																
	ACCESS DAILY USAGE FILE (ADUF)															
	ADUF: Message Processing, per message				N/A	0.008087										
	ADUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.00012803										
	OPTIONAL DAILY USAGE FILE (ODUF)															
	ODUF: Recording, per message				N/A	0.0000063										
	ODUF: Message Processing, per message				N/A	0.004707										
	ODUF: Message Processing, per Magnetic Tape provisioned				N/A	49.04										
	ODUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.00010669										
	CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)															
	CMDS: Message Processing, per message				N/A	0.004										
	CMDS: Data Transmission (CONNECT:DIRECT), per message				N/A	0.001										
	ENHANCED OPTIONAL DAILY USAGE FILE (EODUF)															
	EODUF: Message Processing, per message				N/A	0.250424										
Notes: If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.																

ODUF/ADUF/EODUF/CMDS - North Carolina											Attachment: 7		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
ODUF/ADUF/OEDUF/CMDS																
	ACCESS DAILY USAGE FILE (ADUF)															
	ADUF: Message Processing, per message				N/A	0.01435										
	ADUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.0001277										
	OPTIONAL DAILY USAGE FILE (ODUF)															
	ODUF: Recording, per message				N/A	0.0003										
	ODUF: Message Processing, per message				N/A	0.0032										
	ODUF: Message Processing, per Magnetic Tape provisioned				N/A	54.61										
	ODUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.00004										
	CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)															
	CMDS: Message Processing, per message				N/A	0.004										
	CMDS: Data Transmission (CONNECT:DIRECT), per message				N/A	0.001										
	ENHANCED OPTIONAL DAILY USAGE FILE (EODUF)															
	EODUF: Message Processing, per message				N/A	0.2285406										
Notes: If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.																

ODUF/ADUF/EODUF/CMDS - South Carolina											Attachment: 7		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
ODUF/ADUF/OEDUF/CMDS																
	ACCESS DAILY USAGE FILE (ADUF)															
	ADUF: Message Processing, per message				N/A	0.008061										
	ADUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.00013036										
	OPTIONAL DAILY USAGE FILE (ODUF)															
	ODUF: Recording, per message				N/A	0.0000216										
	ODUF: Message Processing, per message				N/A	0.004704										
	ODUF: Message Processing, per Magnetic Tape provisioned				N/A	48.87										
	ODUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.00010863										
	CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)															
	CMDS: Message Processing, per message				N/A	0.004										
	CMDS: Data Transmission (CONNECT:DIRECT), per message				N/A	0.001										
	ENHANCED OPTIONAL DAILY USAGE FILE (EODUF)															
	EODUF: Message Processing, per message				N/A	0.258301										
Notes: If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.																

ODUF/ADUF/EODUF/CMDS - Tennessee												Attachment: 7		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l		
						Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First							Add'l	
												OSS Rates(\$)					
												SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
ODUF/ADUF/OEDUF/CMDS																	
ACCESS DAILY USAGE FILE (ADUF)																	
	ADUF: Message Processing, per message				N/A	0.004											
	ADUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.001											
OPTIONAL DAILY USAGE FILE (ODUF)																	
	ODUF: Recording, per message				N/A	0.0000044											
	ODUF: Message Processing, per message				N/A	0.0027366											
	ODUF: Message Processing, per Magnetic Tape provisioned				N/A	52.75											
	ODUF: Data Transmission (CONNECT:DIRECT), per message				N/A	0.0000339											
CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)																	
	CMDS: Message Processing, per message				N/A	0.004											
	CMDS: Data Transmission (CONNECT:DIRECT), per message				N/A	0.001											
ENHANCED OPTIONAL DAILY USAGE FILE (EODUF)																	
	EODUF: Message Processing, per message				N/A	0.004											
Notes: If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.																	

Attachment 8

Rights-of-Way, Conduits and Pole Attachments

Rights-of-Way, Conduits and Pole Attachments

BellSouth will provide nondiscriminatory access to any pole, duct, conduit, or right-of-way owned or controlled by BellSouth pursuant to 47 U.S.C. § 224, as amended by the Act, pursuant to terms and conditions of a license agreement subsequently negotiated with BellSouth's Competitive Structure Provisioning Center.

ATTACHMENT 9

PERFORMANCE MEASUREMENTS

PERFORMANCE MEASUREMENTS

Upon a particular Commission's issuance of an Order pertaining to Performance Measurements in a proceeding expressly applicable to all CLECs generally, BellSouth shall implement in that state such Performance Measurements as of the date specified by the Commission. Performance Measurements that have been Ordered in a particular state can currently be accessed via the internet at <https://pmap.bellsouth.com>. At the request of the Tennessee Regulatory Authority (TRA), the following Regional Service Quality Measurements (SQM) plan is being included as the performance measurements currently in place for the state of Tennessee. At such time that the TRA issues an Order pertaining to Performance Measurements, such Performance Measurements shall supersede the Regional SQM contained in the Agreement.

BellSouth Service Quality Measurement Plan (SQM)

Region Performance Metrics

**Measurement Descriptions
Version 0.06**

Issue Date: June 4, 2002

Introduction

The BellSouth Service Quality Measurement Plan (SQM) describes in detail the measurements produced to evaluate the quality of service delivered to BellSouth's customers both wholesale and retail. The SQM was developed to respond to the requirements of the Communications Act of 1996 Section 251 (96 Act) which required BellSouth to provide non-discriminatory access to Competitive Local Exchange Carriers (CLEC)¹ and its Retail Customers. The reports produced by the SQM provide regulators, CLECs and BellSouth the information necessary to monitor the delivery of non-discriminatory access.

This plan results from the many divergent forces evolving from the 96 Act. The 96 Act, the Georgia Public Service Commission (GPSC) Order (Docket 7892-U 12/30/97), LCUG 1-7.0, the FCC's NPRM (CC Docket 98-56 RM9101 04/17/98), the Louisiana Public Service Commission (LPSC) Order (Docket U-22252 Subdocket C 04/19/98), numerous arbitration cases, LPSC sponsored collaborative workshops (10/98-02/00), and proceedings in Alabama, Mississippi, and North Carolina have and continue to influence the SQM.

The SQM and the reports flowing from it must change to reflect the dynamic requirements of the industry. New measurements are added as new products, systems, and processes are developed and fielded. New products and services are added as the markets for them develop and the processes stabilize. The measurements are also changed to reflect changes in systems, correct errors, and respond to both 3rd Party audit requirements and Commission requirements.

This document is intended for use by someone with knowledge of telecommunications industry, information technologies and a functional knowledge of the subject areas covered by the BellSouth Performance Measurements and the reports that flow from them.

Once it is approved, the most current copy of this document can be found on the web at URL: <https://pmap.bellsouth.com> in the Documentation Downloads folder.

Report Publication Dates

Each month, preliminary SQM reports will be posted to BellSouth's SQM web site (<https://www.pmap.bellsouth.com>) by 8:00 A.M. EST on the 21st day of each month or the first business day after the 21st. Final validated SQM reports will be posted by 8:00 A.M. on the last day of the month. Reports not posted by this time will be considered late for SEEM payment purposes. SEEM reports will be posted on the 15th of the following month. Payments due will also be paid on the 15th of the following month. For instance: May data will be posted in preliminary SQM reports on June 21. Final validated SQM reports will be posted on the last day of June. Final validated SEEM reports will be posted and payments mailed on July 15th. In the event the 15th falls on a weekend or holiday, reports and payments will be posted/made the next business day.

¹ *Alternative Local Exchange Companies (ALEC) and Competing Local Providers (CLP) are referred to as Competitive Local Exchange Carriers (CLEC) in this document.*

Report Delivery Methods

CLEC SQM and SEEM reports will be considered delivered when posted to the web site. Commissions will be given access to the web site. In addition, a copy of the Monthly State Summary reports will be filed with the appropriate Commissions as soon as possible after the last day of each month.

Document Number: RGN-V005-122101

Contents

Section 1: Operations Support Systems (OSS)	1-1
OSS-1: Average Response Time and Response Interval (Pre-Ordering/ Ordering)	1-1
OSS-2: Interface Availability (Pre-Ordering/Ordering)	1-5
OSS-3: Interface Availability (Maintenance & Repair)	1-7
OSS-4: Response Interval (Maintenance & Repair)	1-9
PO-1: Loop Makeup - Response Time – Manual	1-11
PO-2: Loop Make Up - Response Time - Electronic	1-13
Section 2: Ordering	2-1
O-1: Acknowledgement Message Timeliness	2-1
O-2: Acknowledgement Message Completeness	2-3
O-3: Percent Flow-Through Service Requests (Summary)	2-4
O-4: Percent Flow-Through Service Requests (Detail)	2-6
O-5: Flow-Through Error Analysis	2-9
O-6: CLEC LSR Information	2-10
LSR Flow Through Matrix	2-11
O-7: Percent Rejected Service Requests	2-14
O-8: Reject Interval	2-16
O-9: Firm Order Confirmation Timeliness	2-19
O-10: Service Inquiry with LSR Firm Order Confirmation (FOC) Response Time Manual	2-22
O-11: Firm Order Confirmation and Reject Response Completeness	2-24
O-12: Speed of Answer in Ordering Center	2-26
O-13: LNP-Percent Rejected Service Requests	2-27
O-14: LNP-Reject Interval Distribution & Average Reject Interval	2-29
O-15: LNP-Firm Order Confirmation Timeliness Interval Distribution & Firm Order Confirmation Average Interval	2-32
Section 3: Provisioning	3-1
P-1: Mean Held Order Interval & Distribution Intervals	3-1
P-2: Average Jeopardy Notice Interval & Percentage of Orders Given Jeopardy Notices	3-3
P-3: Percent Missed Installation Appointments	3-5
P-4: Average Completion Interval (OCI) & Order Completion Interval Distribution	3-8
P-5: Average Completion Notice Interval	3-11
P-6: % Completions/Attempts without Notice or < 24 hours Notice	3-13
P-7: Coordinated Customer Conversions Interval	3-15
P-7A: Coordinated Customer Conversions – Hot Cut Timeliness% Within Interval and Average Interval	3-17
P-7B: Coordinated Customer Conversions – Average Recovery Time	3-19
P-7C: Hot Cut Conversions - % Provisioning Troubles Received Within 7 days of a completed Service Order	3-21
P-8: Cooperative Acceptance Testing - % of xDSL Loops Tested	3-23
P-9: % Provisioning Troubles within 30 days of Service Order Completion	3-25
P-10: Total Service Order Cycle Time (TSOCT)	3-28
P-11: Service Order Accuracy	3-30
P-12: LNP-Percent Missed Installation Appointments	3-32
P-13: LNP-Average Disconnect Timeliness Interval & Disconnect Timeliness Interval Distribution	

.....	3-34
P-14: LNP-Total Service Order Cycle Time (TSOCT)	3-36
Section 4: Section 4: Maintenance & Repair.....	4-1
M&R-1: Missed Repair Appointments.....	4-1
M&R-2: Customer Trouble Report Rate	4-3
M&R-3: Maintenance Average Duration	4-5
M&R-4: Percent Repeat Troubles within 30 Days.....	4-7
M&R-5: Out of Service (OOS) > 24 Hours	4-9
M&R-6: Average Answer Time – Repair Centers	4-11
M&R-7: Mean Time To Notify CLEC of Network Outages.....	4-12
Section 5: Billing.....	5-1
B-1: Invoice Accuracy	5-1
B2: Mean Time to Deliver Invoices	5-3
B3: Usage Data Delivery Accuracy.....	5-5
B4: Usage Data Delivery Completeness.....	5-6
B5: Usage Data Delivery Timeliness	5-7
B6: Mean Time to Deliver Usage.....	5-8
B7: Recurring Charge Completeness.....	5-9
B8: Non-Recurring Charge Completeness.....	5-10
Section 6: Operator Services And Directory Assistance	6-1
OS-1: Speed to Answer Performance/Average Speed to Answer - Toll	6-1
OS-2: Speed to Answer Performance/Percent Answered with “X” Seconds - Toll.....	6-2
DA-1: Speed to Answer Performance/Average Speed to Answer - Directory Assistance (DA).....	6-3
DA-2: Speed to Answer Performance/Percent Answered within “X” Seconds - Directory Assistance (DA)	6-4
Section 7: Database Update Information.....	7-1
D-1: Average Database Update Interval.....	7-1
D-2: Percent Database Update Accuracy.....	7-3
D-3: Percent NXXs and LRNs Loaded by the LERG Effective Date	7-5
Section 8: E911	8-1
E-1: Timeliness.....	8-1
E-2: Accuracy.....	8-2
E-3: Mean Interval	8-3
Section 9: Trunk Group Performance.....	9-1
TGP-1: Trunk Group Performance-Aggregate	9-1
TGP-2: Trunk Group Performance-CLEC Specific	9-3
Section 10: Collocation	10-1
C-1: Collocation Average Response Time.....	10-1
C-2: Collocation Average Arrangement Time	10-2
C-3: Collocation Percent of Due Dates Missed.....	10-3
Section 11: Change Management.....	11-4
CM-1: Timeliness of Change Management Notices	11-4
CM-2: Change Management Notice Average Delay Days.....	11-5

CM-3: Timeliness of Documents Associated with Change	11-6
CM-4: Change Management Documentation Average Delay Days	11-7
CM-5: Notification of CLEC Interface Outages	11-8
Section 12: Bona Fide / New Business Request Process	12-1
BFR-1: Percentage of BFR/NBR Requests Processed Within 30 Business Days	12-1
BFR-2: Percentage of Quotes Provided for Authorized BFR/NBR Requests Processed Within X (10/30/60) Business Days.....	12-2
Appendix A: Reporting Scope.....	1
A-1: Standard Service Groupings.....	1
A-2: Standard Service Order Activities	1
Appendix B: Glossary of Acronyms and Terms.....	1
Appendix C: BellSouth Audit Policy.....	1

Section 1: Operations Support Systems (OSS)

OSS-1: Average Response Time and Response Interval (Pre-Ordering/Ordering)

Definition

Average response time and response intervals are the average times and number of requests responded to within certain intervals for accessing legacy data associated with appointment scheduling, service & feature availability, address verification, request for Telephone numbers (TNs), and Customer Service Records (CSRs).

Exclusions

None

Business Rules

The average response time for retrieving pre-order/order information from a given legacy system is determined by summing the response times for all requests submitted to the legacy systems during the reporting period and dividing by the total number of legacy system requests for that month.

The response interval starts when the client application (LENS or TAG for CLECs and RNS or ROS for BellSouth) submits a request to the legacy system and ends when the appropriate response is returned to the client application. The number of accesses to the legacy systems during the reporting period which take less than 2.3 seconds, the number of accesses which take more than 6 seconds, and the number which are less than or equal to 6.3 seconds are also captured.

Calculation

Response Time = (a - b)

- a = Date & Time of Legacy Response
- b = Date & Time of Legacy Request

Average Response Time = c / d

- c = Sum of Response Times
- d = Number of Legacy Requests During the Reporting Period

Report Structure

- Not CLEC Specific
- Not Product/Service Specific
- Regional Level

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • Legacy Contract (per reporting dimension) • Response Interval • Regional Scope 	<ul style="list-style-type: none"> • Report Month • Legacy Contract (per reporting dimension) • Response Interval • Regional Scope

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
<ul style="list-style-type: none"> • RSAG – Address (Regional Street Address Guide-Address) – stores street address information used to validate customer addresses. CLECs and BellSouth query this legacy system. • RSAG – TN (Regional Street Address Guide-Telephone number) – contains information about facilities available and telephone numbers working at a given address. 	

<p>CLECs and BellSouth query this legacy system.</p> <ul style="list-style-type: none"> • ATLAS (Application for Telephone Number Load Administration and Selection) – acts as a warehouse for storing telephone numbers that are available for assignment by the system. It enables CLECs and BellSouth service reps to select and reserve telephone numbers. CLECs and BellSouth query this legacy system. • COFFI (Central Office Feature File Interface) – stores information about product and service offerings and availability. CLECs query this legacy system. • DSAP (DOE Support Application) – provides due date information. CLECs and BellSouth query this legacy system. • HAL/CRIS (Hands-Off Assignment Logic/Customer Record Information System) – a system used to access the Business Office Customer Record Information System (BOCRIS). It allows BellSouth servers, including LENS, access to legacy systems. CLECs query this legacy system. • P/SIMS (Product/Services Inventory Management system) – provides information on capacity, tariffs, inventory and service availability. CLECs query this legacy system. • OASIS (Obtain Available Services Information Systems) – Information on feature and rate availability. BellSouth queries this legacy system. 	
---	--

Table 1: Legacy System Access Times For RNS

System	Contract	Data	< 2.3 sec.	> 6 sec.	<= 6.3 sec.	Avg. Sec.	# of Calls
RSAG	RSAG-TN	Address	x	x	x	x	x
RSAG	RSAG-ADDR	Address	x	x	x	x	x
ATLAS	ATLAS-TN	TN	x	x	x	x	x
DSAP	DSAP	Schedule	x	x	x	x	x
CRIS	CRSACCTS	CSR	x	x	x	x	x
OASIS	OASISCAR	Feature/Service	x	x	x	x	x
OASIS	OASISLPC	Feature/Service	x	x	x	x	x
OASIS	OASISMTN	Feature/Service	x	x	x	x	x
OASIS	OASISBIG	Feature/Service	x	x	x	x	x

Table 2: Legacy System Access Times For R0S

System	Contract	Data	< 2.3 sec.	> 6 sec.	<= 6.3 sec.	Avg. sec.	# of Calls
RSAG	RSAG-TN	Address	x	x	x	x	x
RSAG	RSAG-ADDR	Address	x	x	x	x	x
ATLAS	ATLAS-TN	TN	x	x	x	x	x
DSAP	DSAP	Schedule	x	x	x	x	x
CRIS	CRSOCSR	CSR	x	x	x	x	x
OASIS	OASISBIG	Feature/Service	x	x	x	x	x

Table 3: Legacy System Access Times For LENS

System	Contract	Data	< 2.3 sec.	> 6 sec.	<6.3 sec.	Avg. sec.	# of Calls
RSAG	RSAG-TN	Address	x	x	x	x	x
RSAG	RSAG-ADDR	Address	x	x	x	x	x
ATLAS	ATLAS-TN	TN	x	x	x	x	x
DSAP	DSAP	Schedule	x	x	x	x	x
HAL	HAL/CRIS	CSR	x	x	x	x	x
COFFI	COFFI/USOC	Feature/Service	x	x	x	x	x
P/SIMS	PSIMS/ORB	Feature/Service	x	x	x	x	x

Table 4: Legacy System Access Times For TAG

System	Contract	Data	< 2.3 sec.	> 6 sec.	<6.3 sec.	Avg. sec.	# of Calls
RSAG	RSAG-TN	Address	x	x	x	x	x
RSAG	RSAG-ADDR	Address	x	x	x	x	x
ATLAS	ATLAS-TN	TN	x	x	x	x	x
ATLAS	ATLAS-MLH	TN	x	x	x	x	x
ATLAS	ATLAS-DID	TN	x	x	x	x	x
DSAP	DSAP	Schedule	x	x	x	x	x
CRIS	CRSECSRL	CSR	x	x	x	x	x
CRIS	CRSECSR	CSR	x	x	x	x	x

SEEM Measure

SEEM Measure		
Yes	Tier I	
	Tier II	X

Note: CLEC specific data is not available in this measure. Queries of this sort do not have company specific signatures.

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
<ul style="list-style-type: none"> • RSAG – Address (Regional Street Address Guide-Address) – stores street address information used to validate customer addresses. CLECs and BellSouth query this legacy system. • RSAG – TN (Regional Street Address Guide-Telephone number) – contains information about facilities available and telephone numbers working at a given address. CLECs and BellSouth query this legacy system. • ATLAS (Application for Telephone Number Load Administration and Selection) – acts as a warehouse for storing telephone numbers that are available for assignment by the system. It enables CLECs and BellSouth service reps to select and reserve telephone numbers. CLECs and BellSouth query this legacy system. • COFFI (Central Office Feature File Interface) – stores information about product and service offerings and availability. CLECs query this legacy system. • DSAP (DOE Support Application) – provides due date information. CLECs and BellSouth query this legacy system. • HAL/CRIS (Hands-Off Assignment Logic/Customer Record Information System) – a system used to access the 	<ul style="list-style-type: none"> • Percent Response Received within 6.3 seconds: > 95% • Parity + 2 seconds

<p>Business Office Customer Record Information System (BOCRIS). It allows BellSouth servers, including LENS, access to legacy systems. CLECs query this legacy system.</p> <ul style="list-style-type: none"> • P/SIMS (Product/Services Inventory Management system) – provides information on capacity, tariffs, inventory and service availability. CLECs query this legacy system. • OASIS (Obtain Available Services Information Systems) – Information on feature and rate availability. BellSouth queries this legacy system. 	
--	--

SEEM OSS Legacy Systems

System	BellSouth	CLEC
Telephone Number/Address		
RSAG-ADDR	RNS, ROS	TAG, LENS
RSAG-TN	RNS, ROS	TAG, LENS
ATLAS	RNS,ROS	TAG, LENS
Appointment Scheduling		
DSAP	RNS, ROS	TAG, LENS
CSR Data		
CRSACCTS	RNS	
CRSOCSR	ROS	
HAL/CRIS		LENS
CRSECSRL		TAG
CRSECSR		TAG
Service/Feature Availability		
OASISBIG	RNS, ROS	
PSIMS/ORB		LENS

OSS-2: Interface Availability (Pre-Ordering/Ordering)

Definition

Percent of time applications are functionally available as compared to scheduled availability. Calculations are based upon availability of applications and interfacing applications utilized by CLECs for pre-ordering and ordering. "Functional Availability" is defined as the number of hours in the reporting period that the applications/interfaces are available to users. "Scheduled Availability" is defined as the number of hours in the reporting period that the applications/interfaces are scheduled to be available.

Scheduled availability is posted on the Interconnection web site: (www.interconnection.bellsouth.com/oss/oss_hour.html)

Exclusions

- CLEC-impacting troubles caused by factors outside of BellSouth's purview, e.g., troubles in customer equipment, troubles in networks owned by telecommunications companies other than BellSouth, etc.
- Degraded service, e.g., slow response time, loss of non-critical functionality, etc.

Business Rules

This measurement captures the functional availability of applications/interfaces as a percentage of scheduled availability for the same systems. Only full outages are included in the calculations for this measure. Full outages are defined as occurrences of either of the following:

- Application/interfacing application is down or totally inoperative.
- Application is totally inoperative for customers attempting to access or use the application. This includes transport outages when they may be directly associated with a specific application.

Comparison to an internal benchmark provides a vehicle for determining whether or not CLECs and retail BST entities are given comparable opportunities for use of pre-ordering and ordering systems.

Calculation

Interface Availability (Pre-Ordering/Ordering) = (a / b) X 100

- a = Functional Availability
- b = Scheduled Availability

Report Structure

- Not CLEC Specific
- Not Product/Service Specific
- Regional Level

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • Legacy Contract Type (per reporting dimension) • Regional Scope • Hours of Downtime 	<ul style="list-style-type: none"> • Report Month • Legacy Contract Type (per reporting dimension) • Regional Scope • Hours of Downtime

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
<ul style="list-style-type: none"> • Regional Level 	<ul style="list-style-type: none"> • >= 99.5%

OSS Interface Availability

Application	Applicable to	% Availability
EDI	CLEC	x
TAG	CLEC	x
LENS	CLEC	x
LEO	CLEC	x
LESOG	CLEC	x
LNP Gateway	CLEC	x
COG	CLEC	Under Development
SOG	CLEC	Under Development
DOM	CLEC	Under Development
DOE	CLEC/BellSouth	x
SONGS	CLEC/BellSouth	x
ATLAS/COFFI	CLEC/BellSouth	x
BOCRIS	CLEC/BellSouth	x
DSAP	CLEC/BellSouth	x
RSAG	CLEC/BellSouth	x
SOCS	CLEC/BellSouth	x
CRIS	CLEC/BellSouth	x

SEEM Measure

SEEM Measure		
Yes	Tier I	
	Tier II	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
• Regional Level	• >= 99.5%

SEEM OSS Interface Availability

Application	Applicable to	% Availability
EDI	CLEC	x
HAL	CLEC	x
LENS	CLEC	x
LEO Mainframe	CLEC	x
LESOG	CLEC	x
PSIMS	CLEC	x
TAG	CLEC	x

OSS-3: Interface Availability (Maintenance & Repair)

Definition

Percent of time applications are functionally available as compared to scheduled availability. Calculations are based upon availability of applications and interfacing applications utilized by CLECs for maintenance and repair. "Functional Availability" is defined as the number of hours in the reporting period that the applications/interfaces are available to users. "Scheduled Availability" is defined as the number of hours in the reporting period that the applications/interfaces are scheduled to be available.

Scheduled availability is posted on the Interconnection web site: (www.interconnection.bellsouth.com/oss/oss_hour.html)

Exclusions

- CLEC-impacting troubles caused by factors outside of BellSouth's purview, e.g., troubles in customer equipment, troubles in networks owned by telecommunications companies other than BellSouth, etc.
- Degraded service, e.g., slow response time, loss of non-critical functionality, etc.

Business Rules

This measurement captures the functional availability of applications/interfaces as a percentage of scheduled availability for the same systems. Only full outages are included in the calculations for this measure. Full outages are defined as occurrences of either of the following:

- Application/interfacing application is down or totally inoperative.
- Application is totally inoperative for customers attempting to access or use the application. This includes transport outages when they may be directly associated with a specific application.

Comparison to an internal benchmark provides a vehicle for determining whether or not CLECs and retail BST entities are given comparable opportunities for use of maintenance and repair systems.

Calculation

OSS Interface Availability $(a / b) \times 100$

- a = Functional Availability
- b = Scheduled Availability

Report Structure

- Not CLEC Specific
- Not Product/Service Specific
- Regional Level

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Availability of CLEC TAFI • Availability of LMOS HOST, MARCH, SOCS, CRIS, PREDICTOR, LNP and OSPCM • ECTA 	<ul style="list-style-type: none"> • Availability of BellSouth TAFI • Availability of LMOS HOST, MARCH, SOCS, CRIS, PREDICTOR, LNP and OSPCM

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
<ul style="list-style-type: none"> • Regional Level 	<ul style="list-style-type: none"> • $\geq 99.5\%$

OSS Interface Availability (M&R)

OSS Interface	% Availability
BST TAFI	x
CLEC TAFI	x
CLEC ECTA	x
BellSouth & CLEC	x
CRIS	x
LMOS HOST	x
LNP	x
MARCH	x
OSPCM	x
PREDICTOR	x
SOCS	x

SEEM Measure

SEEM Measure		
Yes	Tier I	
	Tier II	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
• Regional Level	• >= 99.5%

OSS Interface Availability (M&R)

OSS Interface	% Availability
CLEC TAFI	x
CLEC ECTA	x

OSS-4: Response Interval (Maintenance & Repair)

Definition

The response intervals are determined by subtracting the time a request is received on the BellSouth side of the interface from the time the response is received from the legacy system. Percentages of requests falling into each interval category are reported, along with the actual number of requests falling into those categories.

Exclusions

None

Business Rules

This measure is designed to monitor the time required for the CLEC and BellSouth interface system to obtain from BellSouth's legacy systems the information required to handle maintenance and repair functions. The clock starts on the date and time when the request is received on the BellSouth side of the interface and the clock stops when the response has been transmitted through that same point to the requester.

Note: The OSS Response Interval BellSouth Total Report is a combination of BellSouth Residence and Business Total.

Calculation

OSS Response Interval = (a - b)

- a = Query Response Date and Time
- b = Query Request Date and Time

Percent Response Interval (per category) = (c / d) X 100

- c = Number of Response Intervals in category "X"
- d = Number of Queries Submitted in the Reporting Period

where, "X" is <= 4, > 4 <= 10, <= 10, > 10, or > 30 seconds.

Report Structure

- Not CLEC Specific
- Not product/service specific
- Regional Level

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
• CLEC Transaction Intervals	• BellSouth Business and Residential Transactions Intervals

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
• Regional Level	• Parity

Legacy System Access Times for M&R

System	BellSouth & CLEC	Count				
		<= 4	> 4 <= 10	<= 10	> 10	> 30
CRIS	x	x	x	x	x	x
DLETH	x	x	x	x	x	x
DLR	x	x	x	x	x	x
LMOS	x	x	x	x	x	x
LMOSupd	x	x	x	x	x	x
LNP	x	x	x	x	x	x
MARCH	x	x	x	x	x	x
OSPCM	x	x	x	x	x	x
Predictor	x	x	x	x	x	x
SOCS	x	x	x	x	x	x
NIW	x	x	x	x	x	x

SEEM Measure

SEEM Measure		
No	Tier I	
	Tier II	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
• Not Applicable	• Not Applicable

PO-1: Loop Makeup - Response Time – Manual

Definition

This report measures the average interval and percent within the interval from the submission of a Manual Loop Makeup Service Inquiry (LMUSI) to the distribution of Loop Makeup information back to the CLEC.

Exclusions

- Inquiries, which are submitted electronically.
- Designated Holidays are excluded from the interval calculation.
- Weekend hours from 5:00PM Friday until 8:00AM Monday are excluded from the interval calculation.
- Canceled Inquiries.

Business Rules

The CLEC Manual Loop Makeup Service Inquiry (LMUSI) process includes inquiries submitted via mail or FAX to BellSouth's Complex Resale Support Group (CRSG).

This measurement combines three intervals:

1. From receipt of the Service Inquiry for Loop Makeup to hand off to the Service Advocacy Center (SAC) for "Look-up."
2. From SAC start date to SAC complete date.
3. From SAC complete date to date the Complex Resale Support Group (CRSG) distributes loop makeup information back to the CLEC.

The "Receive Date" is defined as the date the Manual LMUSI is received by the CRSG. It is counted as day Zero. LMU "Return Date" is defined as the date the LMU information is sent back to the CLEC from BellSouth. The interval calculation is reset to Zero when a CLEC initiated change occurs on the Manual LMU request.

Note: The Loop Make Up Service Inquiry Form does not require the CLEC to furnish the type of Loop. The CLEC determines whether the loop makeup will support the type of service they wish to order or not and qualifies the loop. If the loop makeup will support the service, a firm order LSR is submitted by the CLEC.

Calculation

Response Interval = (a - b)

- a = Date and Time LMUSI returned to CLEC
- b = Date and Time the LMUSI is received

Average Interval = (c / d)

- c = Sum of all Response Intervals
- d = Total Number of LMUSIs received within the reporting period

Percent within interval = (e / f) X 100

- e = Total LMUSIs received within the interval
- f = Total Number of LMUSIs processed within the reporting period

Report Structure

- CLEC Aggregate
- CLEC Specific
- Geographic Scope
 - State
 - Region
- Interval for manual LMUs:
 - 0 – <= 1 day
 - >1 – <= 2 days
 - >2 – <= 3 days
 - 0 - <= 3 days
 - >3 – <= 6 days
 - >6 – <= 10 days
 - > 10 days
- Average Interval in days

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • Total Number of Inquiries • SI Intervals • State and Region 	<ul style="list-style-type: none"> • Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
<ul style="list-style-type: none"> • Loops 	Benchmark <ul style="list-style-type: none"> • 95% <= 3 Business Days

SEEM Measure

SEEM Measure		
Yes	Tier I	X
	Tier II	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
<ul style="list-style-type: none"> • Loops 	Benchmark <ul style="list-style-type: none"> • 95% <= 3 Business Days

PO-2: Loop Make Up - Response Time - Electronic

Definition

This report measures the average interval and the percent within the interval from the electronic submission of a Loop Makeup Service Inquiry (LMUSI) to the distribution of Loop Makeup information back to the CLEC.

Exclusions

- Manually submitted inquiries.
- Designated Holidays are excluded from the interval calculation.
- Canceled Requests.
- Scheduled OSS Maintenance.

Business Rules

The response interval starts when the CLEC's Mechanized Loop Makeup Service Inquiry (LMUSI) is submitted electronically through the Operational Support Systems interface, LENS, TAG or RoboTAG. It ends when BellSouth's Loop Facility Assignment and Control System (LFACS) responds electronically to the CLEC with the requested Loop Makeup data via LENS, TAG or RoboTAG Interfaces.

Note: The Loop Make Up Service Inquiry Form does not require the CLEC to furnish the type of Loop. The CLEC determines whether the loop makeup will support the type of service they wish to order or not and qualifies the loop. If the loop makeup will support the service, a firm order LSR is submitted by the CLEC. EDI is not a pre-ordering system, and, therefore, is not applicable in this measure.

Calculation

Response Interval = (a - b)

- a = Date and Time LMUSI returned to CLEC
- b = Date and Time the LMUSI is received

Average Interval = (c / d)

- c = Sum of all response intervals
- d = Total Number of LMUSIs received within the reporting period

Percent within interval = (e / f) X 100

- e = Total LMUSIs received within the interval
- f = Total Number of LMUSIs processed within the reporting period

Report Structure

- CLEC Aggregate
- CLEC Specific
- Geographic Scope
 - State
 - Region
- Interval for electronic LMUs:
 - 0 – <= 1 minute
 - >1 – <= 5 minutes
 - 0 - <= 5 minutes
 - > 5 – <= 8 minutes
 - > 8 – <= 15 minutes
 - > 15 minutes
- Average Interval in minutes

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
• Report Month	• Not Applicable

- | | |
|--|--|
| <ul style="list-style-type: none">• Legacy Contract• Response Interval• Regional Scope | |
|--|--|

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
<ul style="list-style-type: none">• Loops	Benchmark <ul style="list-style-type: none">• 90% <= 5 Minutes (05/01/01)• 95% <= 1 Minute (08/01/01)

SEEM Measure

SEEM Measure		
Yes	Tier I	X
	Tier II	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
<ul style="list-style-type: none">• Loop	<ul style="list-style-type: none">• 90% <= 5 Minutes (05/01/01)• 95% <= 1 Minute (08/01/01)

Section 2: Ordering

O-1: Acknowledgement Message Timeliness

Definition

This measurement provides the response interval from the time an LSR or transmission (may contain multiple LSRs from one or more CLECs in multiple states) is electronically submitted via EDI or TAG respectively until an acknowledgement notice is sent by the system.

Exclusions

- Scheduled OSS Maintenance

Business Rules

The process includes EDI & TAG system functional acknowledgements for all messages/Local Service Requests (LSRs) which are electronically submitted by the CLEC. Users of EDI may package many LSRs into one transmission which will receive the acknowledgement message. EDI users may place multiple LSRs in one “envelope” requesting service in one or more states which will mask the identity of the state and CLEC. The start time is the receipt time of the message at BellSouth’s side of the interface (gateway). The end time is when the acknowledgement is transmitted by BellSouth at BellSouth’s side of the interface (gateway). If more than one CLEC uses the same ordering center (aggregator), an Acknowledgement Message will be returned to the “Aggregator”. However, BellSouth will not be able to determine which specific CLEC or state this message represented.

Calculation

Response Interval = (a - b)

- a = Date and Time Acknowledgement Notices returned to CLEC
- b = Date and Time messages/LSRs electronically submitted by the CLEC via EDI or TAG respectively

Average Response Interval = (c / d)

- c = Sum of all Response Intervals
- d = Total number of electronically submitted messages/LSRs received, from CLECs via EDI or TAG respectively, in the Reporting Period.

Reporting Structure

- CLEC Aggregate
- CLEC Specific/Aggregator
- Geographic Scope
 - Region
- Electronically Submitted LSRs
 - 0 – <= 10 minutes
 - >10 – <= 20 minutes
 - >20 – <= 30 minutes
 - 0 – <= 30 minutes
 - >30 – <= 45 minutes
 - >45 – <= 60 minutes
 - >60 – <= 120 minutes
 - >120 minutes
- Average interval for electronically submitted messages/LSRs in minutes

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • Record of Functional Acknowledgements 	<ul style="list-style-type: none"> • Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
<ul style="list-style-type: none"> • EDI • TAG 	<ul style="list-style-type: none"> • EDI <ul style="list-style-type: none"> - 90% <= 30 minutes (05/01/01) - 95% <= 30 minutes (08/01/01) • TAG – 95% <= 30 minutes

SEEM Measure

SEEM Measure		
Yes	Tier I	X
	Tier II	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
<ul style="list-style-type: none"> • EDI • TAG 	<ul style="list-style-type: none"> • EDI <ul style="list-style-type: none"> - 90% <= 30 minutes (05/01/01) - 95% <= 30 minutes (08/01/01) • TAG – 95% <= 30 minutes

O-2: Acknowledgement Message Completeness

Definition

This measurement provides the percent of transmissions/LSRs received via EDI or TAG respectively, which are acknowledged electronically.

Exclusions

- Manually submitted LSRs
- Scheduled OSS Maintenance

Business Rules

EDI and TAG send Functional Acknowledgements for all transmissions/LSRs, which are electronically submitted by a CLEC. Users of EDI may package many LSRs from multiple states in one transmission. If more than one CLEC uses the same ordering center, an Acknowledgement Message will be returned to the "Aggregator", however, BellSouth will not be able to determine which specific CLEC this message represented. The Acknowledgement Message is returned prior to the determination of whether the transmission/LSR will be partially mechanized or fully mechanized.

Calculation

Acknowledgement Completeness = (a / b) X 100

- a = Total number of Functional Acknowledgements returned in the reporting period for transmissions/LSRs electronically submitted by EDI or TAG respectively
- b = Total number of electronically submitted transmissions/LSRs received in the reporting period by EDI or TAG respectively

Report Structure

- CLEC Aggregate
- CLEC Specific/Aggregator
- Geographic Scope
 - Region

Note: The Order calls for Mechanized, Partially Mechanized, and Totally Mechanized, however, the Acknowledgement message is generated before the system recognizes whether this electronic transmission will be partially or fully mechanized.

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • Record of Functional Acknowledgements 	<ul style="list-style-type: none"> • Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
<ul style="list-style-type: none"> • EDI • TAG 	<ul style="list-style-type: none"> • Benchmark: 100%

SEEM Measure

SEEM Measure		
Yes	Tier I	X
	Tier II	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
<ul style="list-style-type: none"> • EDI • TAG 	<ul style="list-style-type: none"> • Benchmark: 100%

O-3: Percent Flow-Through Service Requests (Summary)

Definition

The percentage of Local Service Requests (LSR) and LNP Local Service Requests (LNP LSRs) submitted electronically via the CLEC mechanized ordering process that flow through and reach a status for a FOC to be issued, without manual intervention.

Exclusions

- Fatal Rejects
- Auto Clarification
- Manual Fallout
- CLEC System Fallout
- Scheduled OSS Maintenance

Business Rules

The CLEC mechanized ordering process includes all LSRs, including supplements (subsequent versions) which are submitted through one of the three gateway interfaces (TAG, EDI and LENS), that flow through and reach a status for a FOC to be issued, without manual intervention. These LSRs can be divided into two classes of service: Business and Residence, and two types of service: Resale, and Unbundled Network Elements (UNE). The CLEC mechanized ordering process does not include LSRs which are submitted manually (for example, fax and courier) or are not designed to flow through (for example, Manual Fallout.)

Definitions:

Fatal Rejects: Errors that prevent an LSR, submitted electronically by the CLEC, from being processed further. When an LSR is submitted by a CLEC, LEO/LNP Gateway will perform edit checks to ensure the data received is correctly formatted and complete. For example, if the PON field contains an invalid character, LEO/LNP Gateway will reject the LSR and the CLEC will receive a Fatal Reject.

Auto-Clarification: Clarifications that occur due to invalid data within the LSR. LESOG/LAUTO will perform data validity checks to ensure the data within the LSR is correct and valid. For example, if the address on the LSR is not valid according to RSAG, or if the LNP is not available for the NPA NXXX requested, the CLEC will receive an Auto-Clarification.

Manual Fallout: Planned Fallout that occur by design. Certain LSRs are designed to fallout of the Mechanized Order Process due to their complexity. These LSRs are manually processed by the LCSC. When a CLEC submits an LSR, LESOG/LAUTO will determine if the LSR should be forwarded to LCSC for manual handling. Following are the categories for Manual Fallout:

- | | |
|---|--|
| 1. Complex* | 8. Denials-restore and conversion, or disconnect and conversion orders |
| 2. Special pricing plans | 9. Class of service invalid in certain states with some types of service |
| 3. Some Partial migrations | 10. Low volume such as activity type "T" (move) |
| 4. New telephone number not yet posted to BOCRIS | 11. More than 25 business lines, or more than 15 loops |
| 5. Pending order review required | 12. Transfer of calls option for the CLEC end users |
| 6. CSR inaccuracies such as invalid or missing CSR data in CRIS | 13. Directory Listings (Intentions and Captions) |
| 7. Expedites (requested by the CLEC) | |

*See LSR Flow-Through Matrix following O-6 for a list of services, including complex services, and whether LSRs issued for the services are eligible to flow through.

Total System Fallout: Errors that require manual review by the LSCS to determine if the error is caused by the CLEC, or is due to BellSouth system functionality. If it is determined the error is caused by the CLEC, the LSR will be sent back to the CLEC for clarification. If it is determined the error is BellSouth caused, the LCSC representative will correct the error, and the LSR will continue to be processed.

Z Status: LSRs that receive a supplemental LSR submission prior to final disposition of the original LSR.

Calculation

Percent Flow Through = $a / [b - (c + d + e + f)] \times 100$

- a = The total number of LSRs that flow through LESOG/LAUTO and reach a status for a FOC to be issued
- b = the number of LSRs passed from LEO/LNP Gateway to LESOG/LAUTO
- c = the number of LSRs that fall out for manual processing
- d = the number of LSRs that are returned to the CLEC for clarification
- e = the number of LSRs that contain errors made by CLECs
- f = the number of LSRs that receive a Z status

Percent Achieved Flow Through = $a / [b - (c + d + e)] \times 100$

- a = the number of LSRs that flow through LESOG/LAUTO and reach a status for a FOC to be issued
- b = the number of LSRs passed from LEO/LNP Gateway to LESOG/LAUTO
- c = the number of LSRs that are returned to the CLEC for clarification
- d = the number of LSRs that contain errors made by CLECs
- e = the number of LSRs that receive Z status

Report Structure

- CLEC Aggregate
 - Region

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • Total Number of LSRs Received, by Interface, by CLEC <ul style="list-style-type: none"> - TAG - EDI - LENS • Total Number of Errors by Type, by CLEC <ul style="list-style-type: none"> - Fatal Rejects - Auto Clarification - CLEC Caused System Fallout • Total Number of Errors by Error Code • Total Fallout for Manual Processing 	<ul style="list-style-type: none"> • Report Month • Total Number of Errors By Type <ul style="list-style-type: none"> - Bellsouth System Error

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark ²
• Residence	• Benchmark: 95%
• Business	• Benchmark: 90%
• UNE	• Benchmark: 85%
• LNP	• Benchmark: 85%

SEEM Measure

SEEM Measure		
Yes	Tier I	
	Tier II	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark ³
• Residence	• Benchmark: 95%
• Business	• Benchmark: 90%
• UNE	• Benchmark: 85%
• LNP	• Benchmark: 85%

² Benchmarks do not apply to the "Percent Achieved Flow Through."

³ Benchmarks do not apply to the "Percent Achieved Flow Through."

O-4: Percent Flow-Through Service Requests (Detail)

Definition

A detailed list, by CLEC, of the percentage of Local Service Requests (LSR) and LNP Local Service Requests (LNP LSRs) submitted electronically via the CLEC mechanized ordering process that flow through and reach a status for a FOC to be issued, without manual or human intervention.

Exclusions

- Fatal Rejects
- Auto Clarification
- Manual Fallout
- CLEC System Fallout
- Scheduled OSS Maintenance

Business Rules

The CLEC mechanized ordering process includes all LSRs, including supplements (subsequent versions) which are submitted through one of the three gateway interfaces (TAG, EDI, and LENS), that flow through and reach a status for a FOC to be issued, without manual intervention. These LSRs can be divided into two classes of service: Business and Residence, and three types of service: Resale, and Unbundled Network Elements (UNE). The CLEC mechanized ordering process does not include LSRs, which are submitted manually (for example, fax and courier) or are not designed to flow through (for example, Manual Fallout.)

Definitions:

Fatal Rejects: Errors that prevent an LSR, submitted electronically by the CLEC, from being processed further. When an LSR is submitted by a CLEC, LEO/LNP Gateway will perform edit checks to ensure the data received is correctly formatted and complete. For example, if the PON field contains an invalid character, LEO/LNP Gateway will reject the LSR and the CLEC will receive a Fatal Reject.

Auto-Clarification: Clarifications that occur due to invalid data within the LSR. LESOG/LAUTO will perform data validity checks to ensure the data within the LSR is correct and valid. For example, if the address on the LSR is not valid according to RSAG, or if the LNP is not available for the NPA NXXX requested, the CLEC will receive an Auto-Clarification.

Manual Fallout: Planned Fallout that occur by design. Certain LSRs are designed to fallout of the Mechanized Order Process due to their complexity. These LSRs are manually processed by the LCSC. When a CLEC submits an LSR, LESOG/LAUTO will determine if the LSR should be forwarded to LCSC for manual handling. Following are the categories for Manual Fallout:

- | | |
|---|--|
| 1. Complex* | 8. Denials-restore and conversion, or disconnect and conversion orders |
| 2. Special pricing plans | 9. Class of service invalid in certain states with some types of service |
| 3. Some Partial migrations | 10. Low volume such as activity type "T" (move) |
| 4. New telephone number not yet posted to BOCRIS | 11. More than 25 business lines, or more than 15 loops |
| 5. Pending order review required | 12. Transfer of calls option for the CLEC end users |
| 6. CSR inaccuracies such as invalid or missing CSR data in CRIS | 13. Directory Listings (Indentations and Captions) |
| 7. Expedites (requested by the CLEC) | |

*See LSR Flow-Through Matrix following O-6 for a list of services, including complex services, and whether LSRs issued for the services are eligible to flow through.

Total System Fallout: Errors that require manual review by the LSCS to determine if the error is caused by the CLEC, or is due to BellSouth system functionality. If it is determined the error is caused by the CLEC, the LSR will be sent back to the CLEC for clarification. If it is determined the error is BellSouth caused, the LCSC representative will correct the error, and the LSR will continue to be processed.

Z Status: LSRs that receive a supplemental LSR submission prior to final disposition of the original LSR.

Calculation

Percent Flow Through = $a / [b - (c + d + e + f)] \times 100$

- a = The total number of LSRs that flow through LESOG/LAUTO and reach a status for a FOC to be issued
- b = the number of LSRs passed from LEO/LNP Gateway to LESOG/LAUTO
- c = the number of LSRs that fall out for manual processing
- d = the number of LSRs that are returned to the CLEC for clarification
- e = the number of LSRs that contain errors made by CLECs
- f = the number of LSRs that receive a Z status

Percent Achieved Flow Through = $a / [b - (c + d + e)] \times 100$

- a = the number of LSRs that flow through LESOG/LAUTO and reach a status for a FOC to be issued
- b = the number of LSRs passed from LEO/LNP Gateway to LESOG/LAUTO
- c = the number of LSRs that are returned to the CLEC for clarification
- d = the number of LSRs that contain errors made by CLECs
- e = the number of LSRs that receive Z status

Report Structure

Provides the flow through percentage for each CLEC (by alias designation) submitting LSRs through the CLEC mechanized ordering process. The report provides the following:

- CLEC (by alias designation)
- Number of fatal rejects
- Mechanized interface used
- Total mechanized LSRs
- Total manual fallout
- Number of auto clarifications returned to CLEC
- Number of validated LSRs
- Number of BellSouth caused fallout
- Number of CLEC caused fallout
- Number of Service Orders Issued
- Base calculation
- CLEC error excluded calculation

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • Total Number of LSRs Received, by Interface, by CLEC <ul style="list-style-type: none"> - TAG - EDI - LENS • Total Number of Errors by Type, by CLEC <ul style="list-style-type: none"> - Fatal Rejects - Auto Clarification - CLEC Errors • Total Number of Errors by Error Code • Total Fallout for Manual Processing 	<ul style="list-style-type: none"> • Report Month • Total Number of Errors by Type <ul style="list-style-type: none"> - Bellsouth System Error

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark ⁴
• Residence	• Benchmark: 95%
• Business	• Benchmark: 90%
• UNE	• Benchmark: 85%
• LNP	• Benchmark: 85%

⁴ Benchmarks do not apply to the "Percent Achieved Flow Through."

SEEM Measure

SEEM Measure		
Yes	Tier I	X
	Tier II	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark ⁵
• Residence	• Benchmark: 95%
• Business	• Benchmark: 90%
• UNE	• Benchmark: 85%
• LNP	• Benchmark: 85%

⁵ Benchmarks do not apply to the "Percent Achieved Flow Through."

O-5: Flow-Through Error Analysis

Definition

An analysis of each error type (by error code) that was experienced by the LSRs that did not flow through or reached a status for a FOC to be issued.

Exclusions

Each Error Analysis is error code specific, therefore exclusions are not applicable.

Business Rules

The CLEC mechanized ordering process includes all LSRs, including supplements (subsequent versions) which are submitted through one of the three gateway interfaces (TAG, EDI, and LENS), that flow through and reach a status for a FOC to be issued. The CLEC mechanized ordering process does not include LSRs which are submitted manually (for example, fax and courier).

Calculation

Total for each error type.

Report Structure

Provides an analysis of each error type (by error code). The report is in descending order by count of each error code and provides the following:

- Error Type (by error code)
- Count of each error type
- Percent of each error type
- Cumulative percent
- Error Description
- CLEC Caused Count of each error code
- Percent of aggregate by CLEC caused count
- Percent of CLEC caused count
- BellSouth Caused Count of each error code
- Percent of aggregate by BellSouth caused count
- Percent of BellSouth by BellSouth caused count

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • Total Number of LSRs Received • Total Number of Errors by Type (by error code) - CLEC Caused Error 	<ul style="list-style-type: none"> • Report Month • Total Number of Errors by Type (by error code) - BellSouth System Error

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
• Not Applicable	• Not Applicable

SEEM Measure

SEEM Measure		
No	Tier I	
	Tier II	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
• Not Applicable	• Not Applicable

O-6: CLEC LSR Information

Definition

A list with the flow through activity of LSRs by CC, PON and Ver, issued by each CLEC during the report period.

Exclusions

- Fatal Rejects
- LSRs submitted manually

Business Rules

The CLEC mechanized ordering process includes all LSRs, including supplements (subsequent versions) which are submitted through one of the three gateway interfaces (TAG, EDI, and LENS), that flow through and reach a status for a FOC to be issued. The CLEC mechanized ordering process does not include LSRs which are submitted manually (for example, fax and courier).

Calculation

Not Applicable

Report Structure

Provides a list with the flow through activity of LSRs by CC, PON and Ver, issued by each CLEC during the report period with an explanation of the of the columns and content. This report is available on a CLEC specific basis. The report provides the following for each LSR.

- CC
- PON
- Ver
- Timestamp
- Type
- Err #
- Note or Error Description

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • Record of LSRs Received by CC, PON and Ver • Record of Timestamp, Type, Err # and Note or Error Description for each LSR by CC, PON and Ver 	<ul style="list-style-type: none"> • Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
<ul style="list-style-type: none"> • Not Applicable 	<ul style="list-style-type: none"> • Not Applicable

SEEM Measure

SEEM Measure		
No	Tier I	
	Tier II	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
<ul style="list-style-type: none"> • Not Applicable 	<ul style="list-style-type: none"> • Not Applicable

LSR Flow Through Matrix

Product	Product Type	Reqtype	ACT Type	F/T ³	Comple x Service	Com plex Order	Planned Fallout For Manual Handling ¹	EDI	TAG ²	LEN S ⁴
2 wire analog DID trunk port	U,C	A	N,T	No	UNE	Yes	NA	N	N	N
2 wire analog port	U	A	N,T	No	UNE	No	Yes	Y	Y	N
2 wire ISDN digital line	U,C	A	N,T	No	UNE	Yes	NA	N	N	N
2 wire ISDN digital loop	U,C	A	N,T	Yes	UNE	Yes	No	Y	Y	N
3 Way Calling	R,B	E,M	N,C,T,V,W	Yes	No	No	No	Y	Y	Y
4 wire analog voice grade loop	U,C	A	N,T	Yes	UNE	Yes	No	Y	Y	N
4 wire DSO & PRI digital loop	U,C	A	N,T	No	UNE	Yes	NA	N	N	N
4 wire DS1 & PRI digital loop	U,C	A	N,T	No	UNE	Yes	NA	N	N	N
4 wire ISDN DSI digital trunk ports	U,C	A	N,T	No	UNE	Yes	NA	N	N	N
Accupulse	C	E	N,C,T,V,W	No	Yes	Yes	NA	N	N	N
ADSL	R,B,C	E	V,W	No	UNE	No	No	Y	Y	N
Area Plus	R,B	E,M	N,C,T,V,W	Yes	No	No	No	Y	Y	Y
Basic Rate ISDN	U,C	A	N,T	No	Yes	Yes	Yes	Y	Y	N
Basic Rate ISDN 2 Wire	C	E	C, D,T,V,W	No	Yes	Yes	Yes	Y	Y	N
Basic Rate ISDN 2 Wire	C	E	N,T	No	Yes	Yes	N/A	N	N	N
Basic Rate ISDN 2 Wire UNE P	C	M	N,C,D,V	No	YES	Yes	N/A	N	N	N
Analog Data/Private Line	C	E	N, C, T, V, W, D, P, Q	No	Yes	Yes	N/A	N	N	N
Call Block	R,B	E,B,M	N,C,T,V,W	Yes	No	No	No	Y	Y	Y
Call Forwarding	R,B	E,B,M	N,C,T,V,W	Yes	No	No	No	Y	Y	Y
Call Return	R,B	E,B,M	N,C,T,V,W	Yes	No	No	No	Y	Y	Y
Call Selector	R,B	E,B,M	N,C,T,V,W	Yes	No	No	No	Y	Y	Y
Call Tracing	R,B	E,B,M	N,C,T,V,W	Yes	No	No	No	Y	Y	Y
Call Waiting	R,B	E,B,M	N,C,T,V,W	Yes	No	No	No	Y	Y	Y
Call Waiting Deluxe	R,B	E,B,M	N,C,T,V,W	Yes	No	No	No	Y	Y	Y
Caller ID	R,B	E,B,M	N,C,T,V,W	Yes	No	No	No	Y	Y	Y
CENTREX	C	P	V,P	No	Yes	Yes	NA	N	N	N
DID ACT W	C	N	W	No	Yes	Yes	Yes	Y	Y	Y
Digital Data Transport	U	E	N,C,T,V,W	No	UNE	Yes	NA	N	N	N
Directory Listing Indentions	B,U	B,C,E,F, J,M,N	N,C,T,R,V,W,P,Q	No	No	No	Yes	Y	Y	Y
Directory Listings Captions	R,B,U	B,C,E,F, J,M,N	N,C,T,R,V,W,P,Q	No	No	Yes	Yes	Y	Y	Y
Directory Listings (simple)	R,B,U	B,C,E,F, J,M,N	N,C,T,R,V,W,P,Q	Yes	No	No	No	Y	Y	Y
DS3	U	A,M	N,C,V	No	UNE	Yes	NA	N	N	N
DS1Loop	U	A,M	N,C,V	Yes	UNE	Yes	No	Y	Y	N
DSO Loop	U	A, B	N,C,D,T,V	Yes	UNE	Yes	No	Y	Y	N
Enhanced Caller ID	R,B	E,M	C,D,N,T,V,W	Yes	No	No	No	Y	Y	Y
ESSX	C	P	C,D,T,V,S,B,W,L .P,Q	No	Yes	Yes	NA	N	N	N
Flat Rate/Business	B	E, M	C,D,N,T,V,W	Yes	No	No	No	Y	Y	Y
Flat Rate/Residence	R	E, M	C,D,N,T,V,W	Yes	No	No	No	Y	Y	Y
FLEXSERV	C	E	N,C,D,T,V,W,P,Q	No	Yes	Yes	NA	N	N	N
Frame Relay	C	E	N,C,D,V,W	No	Yes	Yes	NA	N	N	N
FX	C	E	N,C,D,T,V,W,P,Q	No	Yes	Yes	NA	N	N	N
Ga. Community Calling	R,B	E, M	C,D,N,T,V,W	Yes	No	No	No	Y	Y	Y
HDSL	U	A	N,C,D	Yes	UNE	No	No	Y	Y	N
Hunting MLH	R,B	E, M	C,D,N,T,V,W	No	C/S4	C/S	Yes	Y	Y	N
Hunting Series Completion	R,B	E, M	C,D,N,T,V,W	Yes	C/S	C/S	No	Y	Y	Y
INP to LNP Conversion	U	C	C	No	UNE	Yes	Yes	Y	Y	N

Product	Product Type	Reqtype	ACT Type	F/T ³	Comple x Service	Complex Order	Planned Fallout For Manual Handling ¹	EDI	TAG ²	LEN S ⁴
LightGate	C	E	N,C,D,T,V,W,P,Q	No	Yes	Yes	NA	N	N	N
Line Sharing	U	A	C,D	Yes	UNE	No	No	Y	Y	Y
Local Number Portability	U	C	C,D,P,V,Q	Yes	UNE	Yes	No	Y	Y	N
LNP With Complex Listing	C	C	P,V,Q,W	No	UNE	Yes	Yes	Y	Y	N
LNP with Partial Migration	U	C	D,P,V,Q	No	UNE	Yes	Yes	Y	Y	N
LNP with Complex Services	C	C	P,V,Q,W	No	UNE	Yes	Yes	Y	Y	N
Loop+INP	U	B	D,P,V,Q	Yes	UNE	No	No	Y	Y	N
Loop+LNP	U	B	C,D,N,V	Yes	UNE	No	No	Y	Y	N
Measured Rate/Bus	R,B	E,M	C,D,T,N,V,W	Yes	No	No	No	Y	Y	Y
Measured Rate/Res	R,B	E,M	C,D,T,N,V,W	Yes	No	No	No	Y	Y	Y
Megalink	C	E	N,V,W,T,D,C,P,Q	No	Yes	Yes	NA	N	N	N
Megalink-T1	C	E,M	N,V,W,T,D,C,P,Q	No	Yes	Yes	NA	N	N	N
Memory Call	R,B	E, M	C,D,N,T,V,W	Yes	No	No	No	Y	Y	Y
Memory Call Ans. Svc.	R,B	E, M	C,D,N,T,V,W	Yes	No	No	No	Y	Y	Y
Multiserv	C	P	N,C,D,T,V,S,B, W,L,P,Q	No	Yes	Yes	NA	N	N	N
Native Mode LAN Interconnection (NMLI)	C	E	N,C,D,V,W	No	Yes	Yes	NA	N	N	N
Off-Prem Stations	C	E	N,C,D,V,W,T,P,Q	No	Yes	Yes	NA	N	N	N
Optional Calling Plan	R,B	E, M	N	Yes	No	No	No	Y	Y	Y
Package/Complete Choice and Area Plus	R,B	E, M	N,T,C,V,W	Yes	No	No	No	Y	Y	Y
Pathlink Primary Rate ISDN	C	E	N,C,D,T,V,W,P,Q	No	Yes	Yes	NA	N	N	N
Pay Phone Provider	B	E	C,D,T,N,V,W	No	No	No	NA	N	N	N
PBX Standalone Port	C	F	N,C,D	No	Yes	Yes	Yes	Y	Y	N
PBX Trunks	R,B	E	N,C,D,V,W,T,P,Q	No	Yes	Yes	Yes	Y	Y	N
Port/Loop PBX	U	M	A,C,D,V	No	No	No	Yes	Y	Y	N
Port/Loop Simple	U	M	A,C,D,V	Yes	No	No	Yes	Y	Y	Y
Preferred Call Forward	R,B,U	E	C,D,T,N,V,W	Yes	No	No	No	Y	Y	Y
RCF Basic	R,B	E	N,D,W,T,F	Yes	No	No	No	Y	Y	Y
Remote Access to CF	R,B	E,M	C,D,T,N,V,W	Yes	No	No	No	Y	Y	Y
Repeat Dialing	R,B	E,M	C,D,T,N,V,W	Yes	No	No	No	Y	Y	Y
Ringmaster	R,B	E,M	C,D,T,N,V,W	Yes	No	No	No	Y	Y	Y
Smartpath	R,B	E	C,D,T,N,V,W	No	Yes	Yes	NA	N	N	N
SmartRING	C	E	N,D,C,V,W	No	Yes	Yes	NA	N	N	N
Speed Calling	R,B	E	C,D,T,N,V,W	Yes	No	No	No	Y	Y	Y
Synchronet	C	E	N	Yes	Yes	Yes	Yes	Y	Y	N
Tie Lines	C	E	N,C,D,V,W,T,P,Q	No	Yes	Yes	NA	N	N	N
Touchtone	R,B	E	C,D,T,N,V,W	Yes	No	No	No	Y	Y	Y
Unbundled Loop-Analog 2W, SL1, SL2	U	A,B	C,D,T,N,V,W	Yes	UNE	No	No	Y	Y	Y
WATS	R,B	E	W,D	No	Yes	Yes	NA	N	N	N
XDSL	C,U	A,B	N,T,C,V,D	Yes	UNE	No	No	Y	Y	N
XDSL Extended LOOP	C,U	A,B	N,T,C,V,D	No	UNE	Yes	NA	N	N	N
Collect Call Block	R,B	E	N,T,C,V,W,D	Yes	No	No	No	Y	Y	Y
900 Call Block	R,B	E	N,T,C,V,W,D	Yes	No	No	No	Y	Y	Y
3rd Party Call Block	R,B	E	N,T,C,V,W,D	Yes	No	No	No	Y	Y	Y
Three Way Call Block	R,B	E	N,T,C,V,W,D	Yes	No	No	No	Y	Y	Y
PIC/LPIC Change	R,B	E	T,C,V,	Yes	No	No	No	Y	Y	Y
PIC/LPIC Freeze	R,B	E	N,T,C,V	Yes	No	No	No	Y	Y	Y

Note¹: Planned Fallout for Manual Handling denotes those services that are electronically submitted and are not intended to flow through due to the complexity of the service.

Note²: The TAG column includes those LSRs submitted via Robo TAG.

Note³: For all services that indicate 'No' for flow-through, the following reasons, in addition to errors or complex services, also prompt manual handling: Expedites from CLECs, special pricing plans, denials restore and conversion or disconnect and conversion both required, partial migrations (although conversions-as-is flow through for issue 9), class of service invalid in certain states with some TOS e.g. government, or cannot be changed when changing main TN on C activity, low volume e.g. activity type T=move, pending order review required, more than 25 business lines, CSR inaccuracies such as invalid or missing CSR data in CRIS, Directory listings – Indentions, Directory listings – Captions, transfer of calls option for CLEC end user – new TN not yet posted to BOCRIS. Many are unique to the CLEC environment.

Note⁴: Services with C/S in the Complex Service and/or the Complex Order columns can be either complex or simple.

Note⁵: EELs are manually ordered.

Note⁶: LSRs submitted for Resale Products and Services for which there is a temporary promotion or discount plan will be processed identically to those LSRs ordering the same Products or Services without a promotion or discount plan.

O-7: Percent Rejected Service Requests

Definition

Percent Rejected Service Request is the percent of total Local Service Requests (LSRs) received which are rejected due to error or omission. An LSR is considered valid when it is submitted by the CLEC and passes edit checks to insure the data received is correctly formatted and complete.

Exclusions

- Service Requests canceled by the CLEC prior to being rejected/clarified.
- Scheduled OSS Maintenance

Business Rules

Fully Mechanized: An LSR is considered “rejected” when it is submitted electronically but does not pass LEO edit checks in the ordering systems (EDI, LENS, TAG, LEO, LESOG) and is returned to the CLEC without manual intervention. There are two types of “Rejects” in the Mechanized category:

A **Fatal Reject** occurs when a CLEC attempts to electronically submit an LSR but required fields are either not populated or incorrectly populated and the request is returned to the CLEC before it is considered a valid LSR.

Fatal rejects are reported in a separate column, and for informational purposes ONLY. Fatal rejects are excluded from the calculation of the percent of total LSRs rejected or the total number of rejected LSRs.

An **Auto Clarification** occurs when a valid LSR is electronically submitted but rejected from LESOG because it does not pass further edit checks for order accuracy.

Partially Mechanized: A valid LSR, which is electronically submitted (via EDI, LENS, TAG) but cannot be processed electronically and “falls out” for manual handling. It is then put into “clarification” and sent back (rejected) to the CLEC.

Total Mechanized: Combination of Fully Mechanized and Partially Mechanized LSRs electronically submitted by the CLEC.

Non-Mechanized: LSRs which are faxed or mailed to the LCSC for processing and “clarified” (rejected) back to the CLEC by the BellSouth service representative.

Interconnection Trunks: Interconnection Trunks are ordered on Access Service Requests (ASRs). ASRs are submitted to and processed by the Interconnection Purchasing Center (IPC). Trunk data is reported separately.

Calculation

Percent Rejected Service Requests = $(a / b) \times 100$

- a = Total Number of Rejected Service Requests in the Reporting Period
- b = Total Number of Service Requests Received in the Reporting Period

Report Structure

- Fully Mechanized, Partially Mechanized, Total Mechanized, Non-Mechanized
- CLEC Specific
- CLEC Aggregate
- Geographic Scope
 - State
 - Region
- Product Specific Percent Rejected
- Total Percent Rejected

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • Total Number of LSRs • Total Number of Rejects • State and Region • Total Number of ASRs (Trunks) 	<ul style="list-style-type: none"> • Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
Mechanized, Partially Mechanized and Non-Mechanized <ul style="list-style-type: none"> • Resale - Residence • Resale - Business • Resale – Design (Special) • Resale PBX • Resale Centrex • Resale ISDN • LNP (Standalone) • INP (Standalone) • 2W Analog Loop Design • 2W Analog Loop Non-Design • 2W Analog Loop With INP Design • 2W Analog Loop With INP Non-Design • 2W Analog Loop With LNP Design • 2W Analog Loop With LNP Non-Design • UNE Loop + Port Combinations • Switch Ports • UNE Combination Other • UNE xDSL (ADSL, HDSL, UCL) • Line Sharing • UNE ISDN Loop • UNE Other Design • UNE Other Non-Design • Local Interoffice Transport • Local Interconnection Trunks 	<ul style="list-style-type: none"> • Diagnostic

SEEM Measure

SEEM Measure		
No	Tier I	
	Tier II	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
<ul style="list-style-type: none"> • Not Applicable 	<ul style="list-style-type: none"> • Not Applicable

O-8: Reject Interval

Definition

Reject Interval is the average reject time from receipt of an LSR to the distribution of a Reject. An LSR is considered valid when it is submitted by the CLEC and passes edit checks to insure the data received is correctly formatted and complete.

Exclusions

- Service Requests canceled by CLEC prior to being rejected/clarified
- Designated Holidays are excluded from the interval calculation
- LSRs which are identified and classified as "Projects"
- The following hours for Partially mechanized and Non-mechanized LSRs are excluded from the interval calculation:

Residence Resale Group – Monday through Saturday 7:00PM until 7:00AM
From 7:00 PM Saturday until 7:00 AM Monday

Business Resale, Complex, UNE Groups – Monday through Friday 6:00PM until 8:00AM
From 6:00 PM Friday until 8:00 AM Monday.

The hours excluded will be altered to reflect changes in the Center operating hours. The LCSC will accept faxed LSRs only during posted hours of operation.

The interval will be the amount of time accrued from receipt of the LSR until normal closing of the center if an LSR is worked using overtime hours.

In the case of a Partially Mechanized LSR received and worked after normal business hours, the interval will be set at one (1) minute.

- Scheduled OSS Maintenance

Business Rules

Fully Mechanized: The elapsed time from receipt of a valid electronically submitted LSR (date and time stamp in EDI, LENS or TAG) until the LSR is rejected (date and time stamp or reject in EDI, TAG or LENS). Auto Clarifications are considered in the Fully Mechanized category.

Partially Mechanized: The elapsed time from receipt of a valid electronically submitted LSR (date and time stamp in EDI, LENS or TAG) until it falls out for manual handling. The stop time on partially mechanized LSRs is when the LCSC Service Representative clarifies the LSR back to the CLEC via LENS, EDI, or TAG.

Total Mechanized: Combination of Fully Mechanized and Partially Mechanized LSRs which are electronically submitted by the CLEC.

Non-Mechanized: The elapsed time from receipt of a valid LSR (date and time stamp of FAX or date and time mailed LSR is received in the LCSC) until notice of the reject (clarification) is returned to the CLEC via LON.

Interconnection Trunks: Interconnection Trunks are ordered on Access Service Requests (ASRs). ASRs are submitted to and processed by the Local Interconnection Service Center (LISC). Trunk data is reported separately. All interconnection trunks are counted in the non-mechanized category.

Calculation

Reject Interval = (a - b)

- a = Date and Time of Service Request Rejection
- b = Date and Time of Service Request Receipt

Average Reject Interval = (c / d)

- c = Sum of all Reject Intervals
- d = Number of Service Requests Rejected in Reporting Period

Report Structure

- CLEC Specific
- CLEC Aggregate
- Fully Mechanized, Partially Mechanized, Total Mechanized, Non-Mechanized
- Geographic Scope

- State
- Region
- Mechanized:
 - 0 - <= 4 minutes
 - >4 - <= 8 minutes
 - >8 - <= 12 minutes
 - >12 - <= 60 minutes
 - 0 - <= 1 hour
 - >1 - <= 4 hours
 - >4 - <= 8 hours
 - >8 - <= 12 hours
 - >12 - <= 16 hours
 - >16 - <= 20 hours
 - >20 - <= 24 hours
 - >24 hours
- Partially Mechanized:
 - 0 - <= 1 hour
 - >1 - <= 4 hours
 - >4 - <= 8 hours
 - >8 - <= 10 hours
 - 0 - <= 10 hours
 - >10 - <= 18 hours
 - 0 - <= 18 hours
 - >18 - <= 24 hours
 - >24 hours
- Non-mechanized:
 - 0 - <= 1 hour
 - >1 - <= 4 hours
 - >4 - <= 8 hours
 - >8 - <= 12 hours
 - >12 - <= 16 hours
 - >16 - <= 20 hours
 - >20 - <= 24 hours
 - 0 - <= 24 hours
 - > 24 hours
- Trunks:
 - <= 4 days
 - >4 - <= 8 days
 - >8 - <= 12 days
 - >12 - <= 14 days
 - >14 - <= 20 days
 - >20 days

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
Report Month • Reject Interval • Total Number of LSRs • Total Number of Rejects • State and Region • Total Number of ASRs (Trunks)	• Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
• Resale - Residence • Resale - Business • Resale - Design (Special) • Resale PBX • Resale Centrex	• Mechanized: - 97% <= 1 Hour • Partially Mechanized: - 85% <= 24 hours - 85% <= 18 Hours (05/01/01)

<ul style="list-style-type: none"> • Resale ISDN • LNP (Standalone) • INP (Standalone) • 2W Analog Loop Design • 2W Analog Loop Non-Design • 2W Analog Loop With INP Design • 2W Analog Loop With INP Non-Design • 2W Analog Loop With LNP Design • 2W Analog Loop With LNP Non-Design • UNE Loop + Port Combinations • Switch Ports • UNE Combination Other • UNE xDSL (ADSL, HDSL, UCL) • Line Sharing • UNE ISDN Loops • UNE Other Non-Design • Local Interoffice Transport • UNE Other Design 	<ul style="list-style-type: none"> - 85% <= 10 Hours (08/01/01) • Non-Mechanized: - 85% <= 24 hours
• Local Interconnection Trunks	• Trunks: - 85% <= 4 Days

SEEM Measure

SEEM Measure		
Yes	Tier I	X
	Tier II	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
• Fully Mechanized	• 97% <= 1 Hour
• Partially Mechanized	<ul style="list-style-type: none"> • 85% <= 24 Hours • 85% <= 18 Hours (05/01/01) • 85% <= 10 Hours (08/01/01)
• Non-Mechanized	• 85% <= 24 Hours

O-9: Firm Order Confirmation Timeliness

Definition

Interval for Return of a Firm Order Confirmation (FOC Interval) is the average response time from receipt of valid LSR to distribution of a Firm Order Confirmation.

Exclusions

- Rejected LSRs
- Designated Holidays are excluded from the interval calculation
- LSRs which are identified and classified as “Projects”
- The following hours for Partially Mechanized and Non-mechanized LSRs are excluded from the interval calculation:

Residence Resale Group – Monday through Saturday 7:00PM until 7:00AM
From 7:00 PM Saturday until 7:00 AM Monday.

Business Resale, Complex, UNE Groups – Monday through Friday 6:00PM until 8:00AM
From 6:00 PM Friday until 8:00 AM Monday.

The hours excluded will be altered to reflect changes in the Center operating hours. The LCSC will accept faxed LSRs only during posted hours of operation.

The interval will be the amount of time accrued from receipt of the LSR until normal closing of the center if an LSR is worked using overtime hours.

In the case of a Partially Mechanized LSR received and worked after normal business hours, the interval will be set at one (1) minute.

- Scheduled OSS Maintenance

Business Rules

- **Fully Mechanized:** The elapsed time from receipt of a valid electronically submitted LSR (date and time stamp in EDI, LENS or TAG) until the LSR is processed, appropriate service orders are generated and a Firm Order Confirmation is returned to the CLEC via EDI, LENS or TAG.
- **Partially Mechanized:** The elapsed time from receipt of a valid electronically submitted LSR (date and time stamp in EDI, LENS, or TAG) which falls out for manual handling until appropriate service orders are issued by a BellSouth service representative via Direct Order Entry (DOE) or Service Order Negotiation Generation System (SONGS) to SOCS and a Firm Order Confirmation is returned to the CLEC via EDI, LENS, or TAG.
- **Total Mechanized:** Combination of Fully Mechanized and Partially Mechanized LSRs which are electronically submitted by the CLEC.
- **Non-Mechanized:** The elapsed time from receipt of a valid paper LSR (date and time stamp of FAX or date and time paper LSRs received in LCSC) until appropriate service orders are issued by a BellSouth service representative via Direct Order Entry (DOE) or Service Order Negotiation Generation System (SONGS) to SOCS and a Firm Order Confirmation is sent to the CLEC via LON.
- **Interconnection Trunks:** Interconnection Trunks are ordered on Access Service Requests (ASRs). ASRs are submitted to and processed by the Local Interconnection Service Center (LISC). Trunk data is reported separately.

Calculation

Firm Order Confirmation Interval = (a - b)

- a = Date & Time of Firm Order Confirmation
- b = Date & Time of Service Request Receipt)

Average FOC Interval = (c / d)

- c = Sum of all FOC Intervals
- d = Total Number of Service Requests Confirmed in Reporting Period

FOC Interval Distribution (for each interval) = (e / f) X 100

- e = Service Requests Confirmed in interval
- f = Total Service Requests Confirmed in the Reporting Period

Report Structure

- Fully Mechanized, Partially Mechanized, Total Mechanized, Non-Mechanized
 - CLEC Specific
 - CLEC Aggregate
- Geographic Scope
 - State
 - Region
- Fully Mechanized:
 - 0 - <= 15 minutes
 - >15 - <= 30 minutes
 - >30 - <= 45 minutes
 - >45 - <= 60 minutes
 - >60 - <= 90 minutes
 - >90 - <= 120 minutes
 - >120 - <= 180 minutes
 - 0 - <= 3 hours
 - >3 - <= 6 hours
 - >6 - <= 12 hours
 - >12 - <= 24 hours
 - >24 - <= 48 hours
 - >48 hours
- Partially Mechanized:
 - 0 - <= 4 hours
 - >4 - <= 8 hours
 - >8 - <= 10 hours
 - 0 - <= 10 hours
 - >10 - <= 18 hours
 - 0 - <= 18 hours
 - >18 - <= 24 hours
 - 0 - <= 24 hours
 - >24 - <= 48 hours
 - >48 hours
- Non-Mechanized:
 - 0 - <= 4 hours
 - >4 - <= 8 hours
 - >8 - <= 12 hours
 - >12 - <= 16 hours
 - >16 - <= 20 hours
 - >20 - <= 24 hours
 - >24 - <= 36 hours
 - 0 - <= 36 hours
 - >36 - <= 48 hours
 - >48 hours
- Trunks:
 - 0 - <= 5 days
 - >5 - <= 10 days
 - 0 - <= 10 days
 - >10 - <= 15 days
 - >15 - <= 20 days
 - >20 days

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • Interval for FOC • Total Number of LSRs • State and Region • Total Number of ASRs (Trunks) 	<ul style="list-style-type: none"> • Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
<ul style="list-style-type: none"> • Resale – Residence • Resale – Business • Resale – Design (Special) • Resale PBX • Resale Centrex • Resale ISDN • LNP (Standalone) • INP(Standalone) • 2W Analog Loop Design • 2W Analog Loop Non-Design • 2W Analog Loop With INP Design • 2W Analog Loop With INP Non-Design • 2W Analog Loop With LNP Design • 2W Analog Loop With LNP Non-Design • UNE Loop + Port Combinations • Switch Ports • UNE Combination Other • UNE xDSL (ADSL, HDSL, UCL) • Line Sharing • UNE ISDN Loops • UNE Other Design • UNE Other Non-Design • Local Interoffice Transport 	<ul style="list-style-type: none"> • Mechanized: - 95% <= 3 Hours • Partially Mechanized: <ul style="list-style-type: none"> - 85% <= 24 Hours - 85% <= 18 Hours (05/01/01) - 85% <= 10 Hours (08/01/01) • Non-mechanized: - 85% <= 36 Hours
• Local Interconnection Trunks	• Trunks: - 95% <= 10 Days

SEEM Measure

SEEM Measure		
Yes	Tier I	X
	Tier II	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
• Fully Mechanized	• 95% <= 3 Hours
• Partially Mechanized	<ul style="list-style-type: none"> • 85% <= 24 Hours • 85% <= 18 Hours (05/01/01) • 85% <= 10 Hours (08/01/01)
• Non-Mechanized	• 85% <= 36 Hours
• IC Trunks	• 95% <= 10 Days

O-10: Service Inquiry with LSR Firm Order Confirmation (FOC) Response Time Manual⁶

Definition

This report measures the interval and the percent within the interval from the submission of a Service Inquiry (SI) with Firm Order LSR to the distribution of a Firm Order Confirmation (FOC).

Exclusions

- Designated Holidays are excluded from the interval calculation
- Weekend hours from 5:00PM Friday until 8:00AM Monday are excluded from the interval calculation of the Service Inquiry
- Canceled Requests
- Electronically Submitted Requests
- Scheduled OSS Maintenance

Business Rules

This measurement combines four intervals:

1. From receipt of Service Inquiry with LSR to hand off to the Service Advocacy Center (SAC) for Loop 'Look-up'.
2. From SAC start date to SAC complete date.
3. From SAC complete date to the Complex Resale Support Group (CRSG) complete date with hand off to LCSC.
4. From receipt of SI/LSR in the LCSC to Firm Order Confirmation.

Calculation

FOC Timeliness Interval = (a - b)

- a = Date and Time Firm Order Confirmation (FOC) for SI with LSR returned to CLEC
- b = Date and Time SI with LSR received

Average Interval = (c / d)

- c = Sum of all FOC Timeliness Intervals
- d = Total number of SIs with LSRs received in the reporting period

Percent Within Interval = (e / f) X 100

- e = Total number of Service Inquiries with LSRs received by the CRSG to distribution of FOC by the Local Carrier Service Center (LCSC)
- f = Total number of Service Inquiries with LSRs received in the reporting period

Report Structure

- CLEC Aggregate
- CLEC Specific
- Geographic Scope
 - State
 - Region
- Intervals
 - 0 – <= 3 days
 - >3 – <= 5 days
 - 0 – <= 5 days
 - >5 – <= 7 days
 - >7 – <= 10 days
 - >10 – <= 15 days
 - >15 days

⁶ See O-9 for FOC Timeliness

- Average Interval measured in days

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • Total Number of Requests • SI Intervals • State and Region 	<ul style="list-style-type: none"> • Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
<ul style="list-style-type: none"> • xDSL (includes UNE unbundled ADSL, HDSL and UNE Unbundled Copper Loops) • Unbundled Interoffice Transport 	<ul style="list-style-type: none"> • 95% Returned <= 5 Business days

SEEM Measure

SEEM Measure		
No	Tier I	
	Tier II	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
<ul style="list-style-type: none"> • Not Applicable 	<ul style="list-style-type: none"> • Not Applicable

O-11: Firm Order Confirmation and Reject Response Completeness

Definition

A response is expected from BellSouth for every Local Service Request transaction (version). More than one response or differing responses per transaction is not expected. Firm Order Confirmation and Reject Response Completeness is the corresponding number of Local Service Requests received to the combination of Firm Order Confirmation and Reject Responses.

Exclusions

- Service Requests canceled by the CLEC prior to FOC or Rejected/Clarified
- Non-Mechanized LSRs
- Scheduled OSS Maintenance

Business Rules

Mechanized – The number of FOCs or Auto Clarifications sent to the CLEC from LENS, EDI, TAG in response to electronically submitted LSRs (date and time stamp in LENS, EDI, TAG).

Partially Mechanized – The number of FOCs or Rejects sent to the CLEC from LENS, EDI, TAG in response to electronically submitted LSRs (date and time stamp in LENS, EDI, TAG), which fall out for manual handling by the LCSC personnel.

Total Mechanized – The number of the combination of Fully Mechanized and Partially Mechanized LSRs

Non-Mechanized – The number of FOCs or Rejects sent to the CLEC via FAX Server in response to manually submitted LSRs (date and time stamp in FAX Server).

Note: Manual (Non-Mechanized) LSRs have no version control by the very nature of the manual process, therefore, non-mechanized LSRs are not captured by this report.

For CLEC Results:

Firm Order Confirmation and Reject Response Completeness is determined in two dimensions:

Percent responses is determined by computing the number of Firm Order Confirmations and Rejects transmitted by BellSouth and dividing by the number of Local Service Requests (all versions) received in the reporting period.

Percent of multiple responses is determined by computing the number of Local Service Request unique versions receiving more than one Firm Order Confirmation, Reject or the combination of the two and dividing by the number of Local Service Requests (all versions) received in the reporting period.

Calculation

Single FOC/Reject Response Expected

Firm Order Confirmation / Reject Response Completeness = $(a / b) \times 100$

- a = Total Number of Service Requests for which a Firm Order Confirmation or Reject is Sent
- b = Total Number of Service Requests Received in the Report Period

Multiple or Differing FOC / Reject Responses Not Expected

Response Completeness = $[(a + b) / c] \times 100$

- a = Total Number of Firm Order Confirmations Per LSR Version
- b = Total Number of Reject Responses Per LSR Version
- c = Total Number of Service Requests (All Versions) Received in the Reporting Period

Report Structure

Fully Mechanized, Partially Mechanized, Total Mechanized, Non-Mechanized

- State and Region
- CLEC Specific
- CLEC Aggregate
- BellSouth Specific

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
Report Month • Reject Interval • Total Number of LSRs • Total Number of Rejects	• Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
<ul style="list-style-type: none"> • Resale Residence • Resale Business • Resale Design • Resale PBX • Resale Centrex • Resale ISDN • LNP (Standalone) • INP (Standalone) • 2W Analog Loop Design • 2W Analog Loop Non - Design • 2W Analog Loop With INP Design • 2W Analog Loop With INP Non - Design • 2W Analog Loop With LNP Design • 2W Analog Loop With LNP Non - Design • UNE Loop and Port Combinations • Switch Ports • UNE Combination Other • UNE xDSL (ADSL, HDSL, UCL) • Line Sharing • UNE ISDN Loops • UNE Other Design • UNE Other Non - Design • Local Interoffice Transport • Local Interconnection Trunks 	<ul style="list-style-type: none"> • 95% Returned

SEEM Measure

SEEM Measure		
Yes	Tier I	X
	Tier II	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
• Fully Mechanized	• 95% Returned

O-12: Speed of Answer in Ordering Center

Definition

Measures the average time a customer is in queue.

Exclusions

None

Business Rules

The clock starts when the appropriate option is selected (i.e., 1 for Resale Consumer, 2 for Resale Multiline, and 3 for UNE-LNP, etc.) and the call enters the queue for that particular group in the LCSC. The clock stops when a BellSouth service representative in the LCSC answers the call. The speed of answer is determined by measuring and accumulating the elapsed time from the entry of a CLEC call into the BellSouth automatic call distributor (ACD) until a service representative in BellSouth's Local Carrier Service Center (LCSC) answers the CLEC call.

Calculation

Speed of Answer in Ordering Center = (a / b)

- a = Total seconds in queue
- b = Total number of calls answered in the Reporting Period

Report Structure

Aggregate

- CLEC – Local Carrier Service Center
- BellSouth
 - Business Service Center
 - Residence Service Center

Note: Combination of Residence Service Center and Business Service Center data.

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
• Mechanized tracking through LCSC Automatic Call Distributor	• Mechanized tracking through BellSouth Retail center support system.

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
Aggregate <ul style="list-style-type: none"> • CLEC – Local Carrier Service Center • BellSouth <ul style="list-style-type: none"> - Business Service Center - Residence Service Center 	<ul style="list-style-type: none"> • Parity with Retail

SEEM Measure

SEEM Measure		
No	Tier I	
	Tier II	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
• Not Applicable	• Not Applicable

O-13: LNP-Percent Rejected Service Requests

Definition

Percent Rejected Service Request is the percent of total Local Service Requests (LSRs) which are rejected due to error or omission. An LSR is considered valid when it is electronically submitted by the CLEC and passes LNP Gateway edit checks to insure the data received is correctly formatted and complete, i.e., fatal rejects are never accepted and, therefore, are not included.

Exclusions

- Service Requests canceled by the CLEC
- Scheduled OSS Maintenance

Business Rules

An LSR is considered “rejected” when it is submitted electronically but does not pass edit checks in the ordering systems (EDI, TAG, LNP Gateway, LAUTO) and is returned to the CLEC without manual intervention.

Fully Mechanized: There are two types of “Rejects” in the Fully Mechanized category:

A **Fatal Reject** occurs when a CLEC attempts to electronically submit an LSR (via EDI or TAG) but required fields are not populated correctly and the request is returned to the CLEC.

Fatal rejects are reported in a separate column, and for informational purposes ONLY. They are not considered in the calculation of the percent of total LSRs rejected or the total number of rejected LSRs.

An **Auto Clarification** is a valid LSR which is electronically submitted (via EDI or TAG), but is rejected from LAUTO because it does not pass further edit checks for order accuracy. Auto Clarifications are returned without manual intervention.

Partially Mechanized: A valid LSR which is electronically submitted (via EDI or TAG), but cannot be processed electronically due to a CLEC error and “falls out” for manual handling. It is then put into “clarification”, and sent back (rejected) to the CLEC.

Total Mechanized: Combination of Fully Mechanized and Partially Mechanized rejects.

Non-Mechanized: A valid LSR which is faxed or mailed to the BellSouth LCSC.

Calculation

LNP-Percent Rejected Service Requests = (a / b) X 100

- a = Number of Service Requests Rejected in the Reporting Period
- b = Number of Service Requests Received in the Reporting Period

Report Structure

- Fully Mechanized, Partially Mechanized, Total Mechanized, Non-Mechanized
- CLEC Specific
- CLEC Aggregate

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
• Not Applicable	• Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
<ul style="list-style-type: none"> • LNP • UNE Loop With LNP 	• Diagnostic

SEEM Measure

SEEM Measure		
No	Tier I	
	Tier II	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
• Not Applicable	• Not Applicable

O-14: LNP-Reject Interval Distribution & Average Reject Interval

Definition

Reject Interval is the average reject time from receipt of an LSR to the distribution of a Reject. An LSR is considered valid when it is electronically submitted by the CLEC and passes LNP Gateway edit checks to insure the data received is correctly formatted and complete.

Exclusions

- Service Requests canceled by the CLEC
- Designated Holidays are excluded from the interval calculation
- LSRs which are identified and classified as “Projects”
- The following hours for Partially mechanized and Non-mechanized LSRs are excluded from the interval calculation:

Residence Resale Group – Monday through Saturday 7:00PM until 7:00AM
From 7:00 PM Saturday until 7:00 AM Monday

Business Resale, Complex, UNE Groups – Monday through Friday 6:00PM until 8:00AM
From 6:00 PM Friday until 8:00 AM Monday.

The hours excluded will be altered to reflect changes in the Center operating hours. The LCSC will accept faxed LSRs only during posted hours of operation.

The interval will be the amount of time accrued from receipt of the LSR until normal closing of the center if an LSR is worked using overtime hours.

In the case of a Partially Mechanized LSR received and worked after normal business hours, the interval will be set at one (1) minute.

- Scheduled OSS Maintenance

Business Rules

The Reject interval is determined for each rejected LSR processed during the reporting period. The Reject interval is the elapsed time from when BellSouth receives LSR until that LSR is rejected back to the CLEC. Elapsed time for each LSR is accumulated for each reporting dimension. The accumulated time for each reporting dimension is then divided by the associated total number of rejected LSRs to produce the reject interval distribution.

An LSR is considered “rejected” when it is submitted electronically but does not pass edit checks in the ordering systems (EDI, TAG, LNP Gateway, LAUTO) and is returned to the CLEC without manual intervention.

Fully Mechanized: There are two types of “Rejects” in the Fully Mechanized category:

A **Fatal Reject** occurs when a CLEC attempts to electronically submit an LSR but required fields are not populated correctly and the request is returned to the CLEC.

An **Auto Clarification** is a valid LSR which is electronically submitted (via EDI or TAG), but is rejected from LAUTO because it does not pass further edit checks for order accuracy. Auto Clarifications are returned without manual intervention.

Partially Mechanized: A valid LSR which electronically submitted (via EDI or TAG), but cannot be processed electronically due to a CLEC error and “falls out” for manual handling. It is then put into “clarification”, and sent back to the CLEC.

Total Mechanized: Combination of Fully Mechanized and Partially Mechanized rejects.

Non-Mechanized: A valid LSR which is faxed or mailed to the BellSouth LCSC.

Calculation

Reject Interval = (a - b)

- a = Date & Time of Service Request Rejection
- b = Date & Time of Service Request Receipt

Average Reject Interval = (c / d)

- c = Sum of all Reject Intervals
- d = Total Number of Service Requests Rejected in Reporting Period

Reject Interval Distribution = $(e / f) \times 100$

- e = Service Requests Rejected in reported interval
- f = Total Number of Service Requests Rejected in Reporting Period

Report Structure

Fully Mechanized, Partially Mechanized, Total Mechanized, Non-Mechanized

- CLEC Specific
- CLEC Aggregate
- State, Region
- Fully Mechanized:
 - 0 - <= 4 minutes
 - >4 - <= 8 minutes
 - >8 - <= 12 minutes
 - >12 - <= 60 minutes
 - 0 - <= 1 hour
 - >1 - <= 4 hours
 - >4 - <= 8 hours
 - >8 - <= 12 hours
 - >12 - <= 16 hours
 - >16 - <= 20 hours
 - >20 - <= 24 hours
 - > 24 hours
- Partially Mechanized:
 - 0 - <= 1 hour
 - >1 - <= 4 hours
 - >4 - <= 8 hours
 - >8 - <= 10 hours
 - 0 - <= 10 hours
 - >10 - <= 18 hours
 - 0 - <= 18 hours
 - >18 - <= 24 hours
 - > 24 hours
- Non-Mechanized:
 - 0 - <= 1 hour
 - >1 - <= 4 hours
 - >4 - <= 8 hours
 - >8 - <= 12 hours
 - >12 - <= 16 hours
 - >16 - <= 20 hours
 - >20 - <= 24 hours
 - 0 - <= 24 hours
 - >24 hours
- Average Interval in Days or Hours

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • Reject Interval • Total Number of LSRs • Total number of Rejects • State and Region 	<ul style="list-style-type: none"> • Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
<ul style="list-style-type: none"> • LNP • UNE Loop with LNP 	<ul style="list-style-type: none"> • Mechanized: 97% <= 1 Hour • Partially Mechanized: 85% <= 24 Hours • Partially Mechanized: 85% <= 18 Hours (05/01/01) • Partially Mechanized: 85% <= 10 Hours (08/01/01) • Non-Mechanized: 85% <= 24 Hours

SEEM Measure

SEEM Measure		
No	Tier I	
	Tier II	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
<ul style="list-style-type: none"> • Not Applicable 	<ul style="list-style-type: none"> • Not Applicable

O-15: LNP-Firm Order Confirmation Timeliness Interval Distribution & Firm Order Confirmation Average Interval

Definition

Interval for Return of a Firm Order Confirmation (FOC Interval) is the average response time from receipt of a valid LSR to distribution of a firm order confirmation.

Exclusions

- Rejected LSRs
- Designated Holidays are excluded from the interval calculation
- LSRs which are identified and classified as "Projects"
- The following hours for Partially Mechanized and Non-mechanized LSRs are excluded from the interval calculation:

Residence Resale Group – Monday through Saturday 7:00PM until 7:00AM

From 7:00 PM Saturday until 7:00 AM Monday.

Business Resale, Complex, UNE Groups – Monday through Friday 6:00PM until 8:00AM

From 6:00 PM Friday until 8:00 AM Monday.

The hours excluded will be altered to reflect changes in the Center operating hours. The LCSC will accept faxed LSRs only during posted hours of operation.

The interval will be the amount of time accrued from receipt of the LSR until normal closing of the center if an LSR is worked using overtime hours.

In the case of a Partially Mechanized LSR received and worked after normal business hours, the interval will be set at one (1) minute.

- Scheduled OSS Maintenance

Business Rules

- **Fully Mechanized:** The elapsed time from receipt of a valid electronically submitted LSR (date and time stamp in EDI, LENS or TAG) until the LSR is processed, appropriate service orders are generated and a Firm Order Confirmation is returned to the CLEC via EDI, LENS or TAG.
- **Partially Mechanized:** The elapsed time from receipt of a valid electronically submitted LSR (date and time stamp in EDI, LENS, or TAG) which falls out for manual handling until appropriate service orders are issued by a BellSouth service representative via Direct Order Entry (DOE) or Service Order Negotiation Generation System (SONGS) to SOCS and a Firm Order Confirmation is returned to the CLEC via EDI, LENS, or TAG.
- **Total Mechanized:** Combination of Fully Mechanized and Partially Mechanized LSRs which are electronically submitted by the CLEC.
- **Non-Mechanized:** The elapsed time from receipt of a valid paper LSR (date and time stamp of FAX or date and time paper LSRs received in LCSC) until appropriate service orders are issued by a BellSouth service representative via Direct Order Entry (DOE) or Service Order Negotiation Generation System (SONGS) to SOCS and a Firm Order Confirmation is sent to the CLEC via LON.

Calculation

Firm Order Confirmation Interval = (a - b)

- a = Date & Time of Firm Order Confirmation
- b = Date & Time of Service Request Receipt)

Average FOC Interval = (c / d)

- c = Sum of all FOC Intervals
- d = Total Number of Service Requests Confirmed in Reporting Period

FOC Interval Distribution (for each interval) = (e / f) X 100

- e = Service Requests Confirmed in interval
- f = Total Service Requests Confirmed in the Reporting Period

Report Structure

Fully Mechanized, Partially Mechanized, Total Mechanized, Non-Mechanized

- CLEC Specific
- CLEC Aggregate
- State and Region
- Fully Mechanized:
 - 0 - <= 15 minutes
 - >15 - <= 30 minutes
 - >30 - <= 45 minutes
 - >45 - <= 60 minutes
 - >60 - <= 90 minutes
 - >90 - <= 120 minutes
 - >120 - <= 180 minutes
 - 0 - <= 3 hours
 - >3 - <= 6 hours
 - >6 - <= 12 hours
 - >12 - <= 24 hours
 - >24 - <= 48 hours
 - >48 hours
- Partially Mechanized:
 - 0 - <= 4 hours
 - >4 - <= 8 hours
 - >8 - <= 10 hours
 - 0 - <= 10 hours
 - >10 - <= 18 hours
 - 0 - <= 18 hours
 - >18 - <= 24 hours
 - 0 - <= 24 hours
 - >24 - <= 48 hours
 - > 48 hours
- Non-Mechanized:
 - 0 - <= 4 hours
 - >4 - <= 8 hours
 - >8 - <= 12 hours
 - >12 - <= 16 hours
 - >16 - <= 20 hours
 - >20 - <= 24 hours
 - >24 - <= 36 hours
 - 0 - <= 36 hours
 - >36 - <= 48 hours
 - >48 hours

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
Report Month • Total Number of LSRs • Total Number of FOCs • State and Region	• Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
• LNP • UNE Loop with LNP	• Mechanized: 95% <= 3 Hours • Partially Mechanized: 85% <= 24 Hours • Partially Mechanized: 85% <= 18 Hours (05/01/01) • Partially Mechanized: 85% <= 10 Hours (08/01/01) • Non-Mechanized: 85% <= 36 hours

SEEM Measure

SEEM Measure		
No	Tier I	
	Tier II	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
• Not Applicable	• Not Applicable

Section 3: Provisioning

P-1: Mean Held Order Interval & Distribution Intervals

Definition

When delays occur in completing CLEC orders, the average period that CLEC orders are held for BellSouth reasons, pending a delayed completion, should be no worse for the CLEC when compared to BellSouth delayed orders. Calculation of the interval is the total days orders are held and pending but not completed that have passed the currently committed due date; divided by the total number of held orders. This report is based on orders still pending, held and past their committed due date at the close of the reporting period. The distribution interval is based on the number of orders held and pending but not completed over 15 and 90 days. (Orders reported in the >90 day interval are also included in the >15 day interval.)

Exclusions

- Order Activities of BellSouth or the CLEC associated with internal or administrative use of local services (Record Orders, Listing Orders, Test Orders, etc.)
- Disconnect (D) & From (F) orders
- Orders with appointment code of 'A' for Rural orders

Business Rules

Mean Held Order Interval: This metric is computed at the close of each report period. The held order interval is established by first identifying all orders, at the close of the reporting interval, that both have not been reported as completed in SOCS and have passed the currently committed due date for the order. For each such order, the number of calendar days between the earliest committed due date on which BellSouth had a company missed appointment and the close of the reporting period is established and represents the held order interval for that particular order. The held order interval is accumulated by the standard groupings, unless otherwise noted, and the reason for the order being held. The total number of days accumulated in a category is then divided by the number of held orders within the same category to produce the mean held order interval. The interval is by calendar days with no exclusions for Holidays or Sundays.

CLEC Specific reporting is by type of held order (facilities, equipment, other), total number of orders held, and the total and average days.

Held Order Distribution Interval: This measure provides data to report total days held and identifies these in categories of >15 days and > 90 days. (Orders counted in >90 days are also included in > 15 days).

Calculation

Mean Held Order Interval = a / b

- a = Sum of held-over-days for all Past Due Orders Held for the reporting period
- b = Number of Past Due Orders Held and Pending But Not Completed and past the committed due date

Held Order Distribution Interval (for each interval) = (c / d) X 100

- c = # of Orders Held for >= 15 days or # of Orders Held for >= 90 days
- d = Total # of Past Due Orders Held and Pending But Not Completed)

Report Structure

- CLEC Specific
- CLEC Aggregate
- BellSouth Aggregate
- Circuit Breakout < 10, >= 10 (except trunks)

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • CLEC Order Number and PON (PON) • Order Submission Date (TICKET_ID) • Committed Due Date (DD) • Service Type (CLASS_SVC_DESC) • Hold Reason • Total Line/circuit Count • Geographic Scope 	<ul style="list-style-type: none"> • Report Month • BellSouth Order Number • Order Submission Date • Committed Due Date • Service Type • Hold Reason • Total Line/circuit Count • Geographic Scope
Note: Code in parentheses is the corresponding header found in the raw data file.	

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
• Resale Residence	• Retail Residence
• Resale Business	• Retail Business
• Resale Design	• Retail Design
• Resale PBX	• Retail PBX
• Resale Centrex	• Retail Centrex
• Resale ISDN	• Retail ISDN
• LNP (Standalone)	• Retail Residence and Business (POTS)
• INP (Standalone)	• Retail Residence and Business (POTS)
• 2W Analog Loop Design	• Retail Residence and Business Dispatch
• 2W Analog Loop Non-Design	• Retail Residence and Business - POTS Excluding Switch-Based Orders
• 2W Analog Loop With LNP Design	• Retail Residence and Business Dispatch
• 2W Analog Loop With LNP Non-Design	• Retail Residence and Business - POTS Excluding Switch-Based Orders
• 2W Analog Loop With INP-Design	• Retail Residence and Business Dispatch
• 2W Analog Loop With INP Non-Design	• Retail Residence and Business - POTS Excluding Switch-Based Orders
• UNE Digital Loop < DS1	• Retail Digital Loop < DS1
• UNE Digital Loop >= DS1	• Retail Digital Loop >= DS1
• UNE Loop + Port Combinations	• Retail Residence and Business
• UNE Switch Ports	• Retail Residence and Business (POTS)
• UNE Combo Other	• Retail Residence, Business and Design Dispatch
• UNE xDSL (HDSL, ADSL and UCL)	• ADSL Provided to Retail
• UNE ISDN	• Retail ISDN - BRI
• UNE Line Sharing	• ADSL Provided to Retail
• UNE Other Design	• Retail Design
• UNE Other Non-Design	• Retail Residence and Business
• Local Transport (Unbundled Interoffice Transport)	• Retail DS1/DS3 Interoffice
• Local Interconnection Trunks	• Parity with Retail

SEEM Measure

SEEM Measure		
No	Tier I	
	Tier II	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
• Not Applicable	• Not Applicable

P-2: Average Jeopardy Notice Interval & Percentage of Orders Given Jeopardy Notices

Definition

When BellSouth can determine in advance that a committed due date is in jeopardy for facility delay, it will provide advance notice to the CLEC.

The interval is from the date/time the notice is released to the CLEC/BellSouth systems until 5pm on the commitment date of the order. The Percent of Orders is the percentage of orders given jeopardy notices for facility delay in the count of orders confirmed in the report period.

Exclusions

- Orders held for CLEC end user reasons
- Disconnect (D) & From (F) orders
- Non-Dispatch Orders

Business Rules

When BellSouth can determine in advance that a committed due date is in jeopardy for facility delay, it will provide advance notice to the CLEC. The number of committed orders in a report period is the number of orders that have a due date in the reporting period. Jeopardy notices for interconnection trunks results are usually zero as these trunks seldom experience facility delays. The Committed due date is considered the Confirmed due date. This report measures dispatched orders only. If an order is originally sent as non-dispatch and it is determined there is a facility delay, the order is converted to a dispatch code so the facility problem can be corrected. It will remain coded dispatched until completion.

Calculation

Jeopardy Interval = a - b

- a = Date and Time of Jeopardy Notice
- b = Date and Time of Scheduled Due Date on Service Order

Average Jeopardy Interval = c / d

- c = Sum of all jeopardy intervals
- d = Number of Orders Notified of Jeopardy in Reporting Period

Percent of Orders Given Jeopardy Notice = (e / f) X 100

- e = Number of Orders Given Jeopardy Notices in Reporting Period
- f = Number of Orders Confirmed (due) in Reporting Period)

Report Structure

- CLEC Specific
- CLEC Aggregate
- BellSouth Aggregate
- Dispatch Orders
- Mechanized Orders
- Non-Mechanized Orders

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • CLEC Order Number and PON • Date and Time Jeopardy Notice Sent • Committed Due Date • Service Type <p>Note: Code in parentheses is the corresponding header found in the raw data file.</p>	<ul style="list-style-type: none"> • Report Month • BellSouth Order Number • Date and Time Jeopardy Notice Sent • Committed Due Date • Service Type

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
% Orders Given Jeopardy Notice	
• Resale Residence	• Retail Residence
• Resale Business	• Retail Business
• Resale Design	• Retail Design
• Resale PBX	• Retail PBX
• Resale Centrex	• Retail Centrex
• Resale ISDN	• Retail ISDN
• LNP (Standalone)	• Retail Residence and Business (POTS)
• INP (Standalone)	• Retail Residence and Business (POTS)
• 2W Analog Loop Design	• Retail Residence and Business Dispatch
• 2W Analog Loop Non-Design	• Retail Residence and Business - (POTS Excluding Switch- Based Orders)
• 2W Analog Loop With LNP Design	• Retail Residence and Business Dispatch
• 2W Analog Loop With LNP Non-Design	• Retail Residence and Business - (POTS Excluding Switch- Based Orders)
• 2W Analog Loop With INP Design	• Retail Residence and Business Dispatch
• 2W Analog Loop With INP Non-Design	• Retail Residence and Business (POTS Excluding Switch- Based Orders)
•UNE Digital Loop < DS1	• Retail Digital Loop < DS1
•UNE Digital Loop >= DS1	• Retail Digital Loop >= DS1
•UNE Loop + Port Combinations	• Retail Business and Residence
•UNE Switch Ports	• Retail Residence and Business (POTS)
•UNE Combo Other	• Retail Residence, Business and Design Dispatch
•UNE xDSL (HDSL, ADSL and UCL)	• ADSL Provided to Retail
•UNE ISDN	• Retail ISDN BRI
•UNE Line Sharing	• ADSL Provided to Retail
•UNE Other Design	• Retail Design
•UNE Other Non -Design	• Retail Residence and Business
•Local Transport (Unbundled Interoffice Transport)	• Retail DS1/DS3 Interoffice
•Local Interconnection Trunks	• Parity with Retail
•Average Jeopardy Notice Interval	• 95% >= 48 Hours

SEEM Measure

SEEM Measure		
No	Tier I	
	Tier II	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
• Not Applicable	• Not Applicable

P-3: Percent Missed Installation Appointments

Definition

“Percent missed installation appointments” monitors the reliability of BellSouth commitments with respect to committed due dates to assure that the CLEC can reliably quote expected due dates to their retail customer as compared to BellSouth. This measure is the percentage of total orders processed for which BellSouth is unable to complete the service orders on the committed due dates and reported for Total misses and End User Misses.

Exclusions

- Canceled Service Orders
- Order Activities of BellSouth or the CLEC associated with internal or administrative use of local services (Record Orders, Listing Orders Test Orders, etc.)
- Disconnect (D) & From (F) orders
- End User Misses on Local Interconnection Trunks

Business Rules

Percent Missed Installation Appointments (PMI) is the percentage of orders with completion dates in the reporting period that are past the original committed due date. Missed Appointments caused by end-user reasons will be included and reported separately. The first commitment date on the service order that is a missed appointment is the missed appointment code used for calculation whether it is a BellSouth missed appointment or an End User missed appointment. The “due date” is any time on the confirmed due date. Which means there cannot be a cutoff time for commitments, as certain types of orders are requested to be worked after standard business hours. Also, during Daylight Savings Time, field technicians are scheduled until 9PM in some areas and the customer is offered a greater range of intervals from which to select.

Calculation

Percent Missed Installation Appointments = (a / b) X 100

- a = Number of Orders with Completion date in Reporting Period past the Original Committed Due Date
- b = Number of Orders Completed in Reporting Period

Report Structure

- CLEC Specific
- CLEC Aggregate
- BellSouth Aggregate
- Report in Categories of <10 lines/circuits >= 10 lines/circuits (except trunks)
- Dispatch/No Dispatch

Report Explanation: The difference between End User MA and Total MA is the result of BellSouth caused misses. Here, Total MA is the total percent of orders missed either by BellSouth or CLEC end user. The End User MA represents the percentage of orders missed by the CLEC or their end user.

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • CLEC Order Number and PON (PON) • Committed Due Date (DD) • Completion Date (CMPLTN DD) • Status Type • Status Notice Date • Standard Order Activity • Geographic Scope <p>Note: Code in parentheses is the corresponding header found in the raw data file.</p>	<ul style="list-style-type: none"> • Report Month • BellSouth Order Number • Committed Due Date (DD) • Completion Date (CMPLTN DD) • Status Type • Status Notice Date • Standard Order Activity • Geographic Scope

SQM Disaggregation - Analog/Benchmark

SQM LEVEL of Disaggregation	SQM Analog/Benchmark
• Resale Residence	• Retail Residence
• Resale Business	• Retail Business
• Resale Design	• Retail Design
• Resale PBX	• Retail PBX
• Resale Centrex	• Retail Centrex
• Resale ISDN	• Retail ISDN
• LNP (Standalone)	• Retail Residence and Business (POTS)
• INP (Standalone)	• Retail Residence and Business (POTS)
• 2W Analog Loop Design	• Retail Residence and Business Dispatch
• 2W Analog Loop Non-Design	• Retail Residence and Business - (POTS Excluding Switch-Based Orders)
- Dispatch	- Dispatch
- Non-Dispatch (Dispatch In)	- Non-Dispatch (Dispatch In)
• 2W Analog Loop With LNP Design	• Retail Residence and Business Dispatch
• 2W Analog Loop With LNP Non-Design	• Retail Residence and Business - (POTS Excluding Switch-Based Orders)
- Dispatch	- Dispatch
- Non-Dispatch (Dispatch In)	- Non-Dispatch (Dispatch In)
• 2W Analog Loop With INP Design	• Retail Residence and Business Dispatch
• 2W Analog Loop With INP Non-Design	• Retail Residence and Business (POTS Excluding Switch-Based Orders)
- Dispatch	- Dispatch
- Non-Dispatch (Dispatch In)	- Non-Dispatch (Dispatch In)
• UNE Digital Loop < DS1	• Retail Digital Loop < DS1
• UNE Digital Loop >= DS1	• Retail Digital Loop >= DS1
• UNE Loop + Port Combinations	• Retail Residence and Business
- Dispatch Out	- Dispatch Out
- Non-Dispatch	- Non-Dispatch
- Dispatch In	- Dispatch In
- Switch-Based	- Switch-Based
• UNE Switch Ports	• Retail Residence and Business (POTS)
• UNE Combo Other	• Retail Residence, Business and Design Dispatch (Including Dispatch Out and Dispatch In)
- Dispatch	- Dispatch
- Non-Dispatch (Dispatch In)	- Non-Dispatch (Dispatch In)
• UNE xDSL (HDSL, ADSL and UCL)	• ADSL Provided to Retail
• UNE ISDN	• Retail ISDN - BRI
• UNE Line Sharing	• ADSL Provided to Retail
• UNE Other Design	• Retail Design
• UNE Other Non - Design	• Retail Residence and Business
• Local Transport (Unbundled Interoffice Transport)	• Retail DS1/DS3 Interoffice
• Local Interconnection Trunks	• Parity with Retail

SEEM Measure

SEEM Measure		
Yes	Tier I	X
	Tier II	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
• Resale POTS	• Retail Residence and Business (POTS)
• Resale Design	• Retail Design
• UNE Loop + Port Combinations	• Retail Residence and Business
• UNE Loops	• Retail Residence and Business Dispatch
• UNE xDSL	• ADSL Provided to Retail
• UNE Line Sharing	• ADSL Provided to Retail
• Local Interconnection Trunks	• Parity with Retail

P-4: Average Completion Interval (OCI) & Order Completion Interval Distribution

Definition

The “average completion interval” measure monitors the interval of time it takes BellSouth to provide service for the CLEC or its own customers. The “Order Completion Interval Distribution” provides the percentages of orders completed within certain time periods. This report measures how well BellSouth meets the interval offered to customers on service orders.

Exclusions

- Canceled Service Orders
- Order Activities of BellSouth or the CLEC associated with internal or administrative use of local services (Record Orders, Listing Orders, Test Orders, etc.)
- Disconnect (D&F) orders (Except “D” orders associated with LNP Standalone)
- “L” Appointment coded orders (where the customer has requested a later than offered interval)

Business Rules

The actual completion interval is determined for each order processed during the reporting period. The completion interval is the elapsed time from when BellSouth issues a FOC or SOCS date time stamp receipt of an order from the CLEC to BellSouth’s actual order completion date. This includes all delays for BellSouth’s CLEC/End Users. The clock starts when a valid order number is assigned by SOCS and stops when the technician or system completes the order in SOCS. Elapsed time for each order is accumulated for each reporting dimension. The accumulated time for each reporting dimension is then divided by the associated total number of orders completed. Orders that are worked on zero due dates are calculated with a .33-day interval (8 hours) in order to report a portion of a day interval. These orders are issued and worked/completed on the same day. They can be either flow through orders (no field work-non-dispatched) or field orders (dispatched).

The interval breakout for UNE and Design is: 0-5 = 0-4.99, 5-10 = 5-9.99, 10-15 = 10-14.99, 15-20 = 15- 19.99, 20-25 = 20-24.99, 25-30 = 25-29.99, >= 30 = 30 and greater.

Calculation

Completion Interval = (a - b)

- a = Completion Date
- b = Order Issue Date

Average Completion Interval = (c / d)

- c = Sum of all Completion Intervals
- d = Count of Orders Completed in Reporting Period

Order Completion Interval Distribution (for each interval) = (e / f) X 100

- e = Service Orders Completed in “X” days
- f = Total Service Orders Completed in Reporting Period

Report Structure

- CLEC Specific
- CLEC Aggregate
- BellSouth Aggregate
- Dispatch / No Dispatch categories applicable to all levels except trunks
- Residence & Business reported in day intervals = 0, 1, 2, 3, 4, 5, 5+
- UNE and Design reported in day intervals = 0-5, 5-10, 10-15, 15-20, 20-25, 25-30, >= 30
- All Levels are reported <10 line/circuits; >= 10 line/circuits (except trunks)
- ISDN Orders included in Non-Design

Data Retained

Relating to CLEC Experience	Relating to BellSouth Performance
<ul style="list-style-type: none"> • Report Month • CLEC Company Name • Order Number (PON) 	<ul style="list-style-type: none"> • Report Month • BellSouth Order Number

<ul style="list-style-type: none"> • Application Date & Time (TICKET_ID) • Completion Date (CMPLTN_DT) • Service Type (CLASS_SVC_DESC) • Geographic Scope <p>Note: Code in parentheses is the corresponding header found in the raw data file.</p>	<ul style="list-style-type: none"> • Application Date & Time • Order Completion Date & Time • Service Type • Geographic Scope
---	---

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
• Resale Residence	• Retail Residence
• Resale Business	• Retail Business
• Resale Design	• Retail Design
• Resale PBX	• Retail PBX
• Resale Centrex	• Retail Centrex
• Resale ISDN	• Retail ISDN
• LNP (Standalone)	• Retail Residence and Business (POTS)
• INP (Standalone)	• Retail Residence and Business (POTS)
• 2W Analog Loop Design	• Retail Residence and Business Dispatch
• 2W Analog Loop Non-Design	• Retail Residence and Business - (POTS Excluding Switch-Based Orders)
- Dispatch	- Dispatch
- Non-Dispatch (Dispatch In)	- Non-Dispatch (Dispatch In)
• 2W Analog Loop With LNP Design	• Retail Residence and Business Dispatch
• 2W Analog Loop With LNP Non-Design	• Retail Residence and Business - (POTS Excluding Switch-Based Orders)
- Dispatch	- Dispatch
- Non-Dispatch (Dispatch In)	- Non-Dispatch (Dispatch In)
• 2W Analog Loop With INP Design	• Retail Residence and Business Dispatch
• 2W Analog Loop With INP Non-Design	• Retail Residence and Business - (POTS Excluding Switch-Based Orders)
- Dispatch	- Dispatch
- Non-Dispatch (Dispatch In)	- Non-Dispatch (Dispatch In)
• UNE Digital Loop < DS1	• Retail Digital Loop < DS1
• UNE Digital Loop >= DS1	• Retail Digital Loop >= DS1
• UNE Loop + Port Combinations	• Retail Residence and Business
- Dispatch Out	- Dispatch Out
- Non-Dispatch	- Non-Dispatch
- Dispatch In	- Dispatch In
- Switch-Based	- Switch-Based
• UNE Switch Ports	• Retail Residence and Business (POTS)
• UNE Combo Other	• Retail Residence, Business and Design Dispatch (Including Dispatch Out and Dispatch In)
- Dispatch	- Dispatch
- Non-Dispatch (Dispatch In)	- Non-Dispatch (Dispatch In)
• UNE xDSL (HDSL, ADSL and UCL) without conditioning	• 7 Days
• UNE xDSL (HDSL, ADSL and UCL) with conditioning	• 14 Days
• UNE ISDN	• Retail ISDN BRI
• UNE Line Sharing	• ADSL Provided to Retail
• UNE Other Design	• Retail Design
• UNE Other Non-Design	• Retail Residence and Business
• Local Transport (Unbundled Interoffice Transport)	• Retail DS1/DS3 Interoffice
• Local Interconnection Trunks	• Parity with Retail

SEEM Measure

SEEM Measure		
Yes	Tier I	X
	Tier II	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
• Resale POTS	• Retail Residence and Business (POTS)
• Resale Design	• Retail Design
• UNE Loop + Port Combinations	• Retail Residence and Business
• UNE Loops	• Retail Residence and Business Dispatch
• UNE xDSL without conditioning	• 7 Days
• UNE xDSL with conditioning	• 14 Days
• UNE Line Sharing	• ADSL Provided to Retail
• Local Interconnection Trunks	• Parity with Retail