

INTERCONNECTION AND TRAFFIC INTERCHANGE AGREEMENT

Cincinnati Bell Telephone Company

and

AT&T Wireless Services, Inc.

For

Kentucky

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INTERCONNECTION AND TRAFFIC INTERCHANGE AGREEMENT

AGREEMENT dated the _____ day of _____, 2001 by and between Cincinnati Bell Telephone Company, an Ohio corporation (hereinafter referred to as "CBT"), and AT&T Wireless Services, Inc., as agent for certain of its operating wireless affiliates, (hereinafter referred to as "AWS").

WITNESSETH:

WHEREAS, CBT is a duly authorized Local Exchange Carrier (LEC) engaged in providing exchange telecommunications service in parts of the States of Ohio, Kentucky and Indiana; and

WHEREAS, AWS is a duly authorized Commercial Mobile Radio Service Provider (CMRS) engaged in providing all authorized wireless services, except to the extent it is limited by the Operating Agreement between AT&T Wireless PCS Inc. and Cincinnati Bell Wireless Company, dated as of December 31, 1998, in its FCC-authorized geographic service area including portions of the States of Ohio, Kentucky and Indiana; and

WHEREAS, CBT and AWS have agreed to connect their facilities and interchange traffic for the provision of through communications service as provided herein:

NOW, THEREFORE, in consideration of the premises and the mutual covenants and agreements hereinafter contained, CBT and AWS hereby covenant and agree as follows:

1. DEFINITIONS

For purposes of this Agreement and as used herein, the terms set forth below shall be defined as follows:

- (a) Access Tandem - A CBT switching system that provides an access point for interconnection of local exchange companies and interexchange carriers.
- (b) Authorized Services - Those services which AWS may now or hereafter lawfully provide on an interconnected basis, interfacing with CBT's Operating Area (COA) network. Authorized Services do not include any services that are not permitted by the Operating Agreement between AT&T Wireless PCS Inc. and Cincinnati Bell Wireless Company, dated as of December 31, 1998.
- (c) AWS Switching Center (i.e., Mobile Switching Center ("MSC")) - A switch which is used to connect and switch trunk circuits within the wireless network and with the public switched network for wireless traffic by a CMRS provider. This switch may also provide the tandem function.

- (d) AWS's System - The communications network of AWS used to furnish Authorized Services.
- (e) CBT's System - The communications network of CBT and its services provided in the COA.
- (f) Central Office Prefix - The first three digits (NXX) of the seven digit telephone number.
- (g) Channels - An electrical or photonic, in the case of fiber optic-based transmission systems, communications path between two or more points of termination.
- (h) COA (CBT's Operating Area) - The geographic area in which CBT provides exchange telecommunications service to its customers. Presently, the COA and portions of the independent telephone companies make up the Cincinnati Market Area (LATA 922).
- (i) Common Trunk (CT) - CBT's interoffice trunking network which provides interconnection between a local tandem and subtending end offices
- (j) Connecting Facilities -The facility and associated service arrangements used to connect AWS's System with CBT's System for the purpose of interchanging traffic.
- (k) Dedicated Trunk (DT) - A facility which connects AWS's System to CBT's Local Tandem, Access Tandem or End Office Switches.
- (l) End Office Switch - A CBT switching system where Exchange Telecommunications Service customer station loops are terminated for purposes of interconnection to other end offices. Included are remote switching modules and remote switching systems served by a host office in a different wire center.
- (m) Exchange Access Line - The facilities connecting the serving central office and the customer's premises. These facilities terminate on the customer's premises in an interface determined by CBT.
- (n) Exchange Telecommunications Service - The furnishing of an exchange access line for telecommunications within a local service area, in accordance with the regulations, rates and charges specified in CBT's Exchange Rate Tariffs. Exchange service includes the furnishing of the local facilities required to establish and maintain connections between an exchange access line and the toll plant in connection with toll calls.

- (o) Interface Type - The channel and associated service arrangement used to connect AWS's System with CBT's System for the purpose of interchanging traffic.
- (p) IntraLATA - For purposes of this Agreement, IntraLATA is a term used to describe CBT services and functions that relate to Exchange telecommunications services originating and terminating within a single LATA or court approved territory associated with the LATA. While CBT may handle IntraLATA calls, it must be recognized that other carriers, for example, independent telephone companies or CMRS carriers, may be at one, or both, ends of the call.
- (q) LATA (Local Access and Transport Area) - A geographic area established for the provision and administration of communications service. It encompasses one or more designated exchanges, which are grouped to serve common social, economic and other purposes. CBT operates in LATA 922; see COA definition.
- (r) L/W Traffic (Land to Wireless Call) - Calls originated by CBT to AWS for completion by AWS. Calls originated by a LEC, other than CBT are transit traffic and not CBT originated L/W calls for compensation purposes.
- (s) Local Switching (LS) - CBT's end office switching element.
- (t) Local Tandem Switch - A CBT switching office that provides a concentration and distribution function for switching intraLATA traffic between end offices of local exchange carriers.
- (u) Measured Rate Service - An exchange access line service provided on a measured basis for AWS Originating Type 1 interconnected calls. Each call is charged on a conversational minutes of use basis as identified in Attachment II, Page 7.
- (v) MTA (Major Trading Area) - The geographic area within which AWS provides Authorized Services.
- (w) "Party" means either CBT or AWS, and "Parties" means CBT and AWS.
- (x) POI (Point of Interconnection) - The point of demarcation at which CBT's responsibility for the provision of its service ends and where AWS's responsibility begins.
- (y) Transit Traffic - Traffic between AWS and another LEC or CMRS Provider which utilizes a portion of CBT's network for transport and is not terminated on CBT's network. CBT is entitled to compensation for

transiting such traffic from the Party, LEC or CMRS Provider, whose end user customer originates the call.

- (z) Type S Interface - (SS7 Common Channel Signaling Arrangement) - The Type S (Signaling) interface is a physical SS7 signaling link connection between AWS's network and a CBT network. The 'S' in Type S indicates that signaling information is passed via this interface. The Type S interface is used to exchange SS7 ISUP and SS7 TCAP messages to support the applications to be provided between networks.
- (aa) Type 1 Interface - The POI of a trunk between AWS's System and a CBT end-office switching system where AWS connects to other end-offices and other carriers.
- (bb) Type 2A Interface - The POI of a trunk between AWS's System and a CBT's Local Tandem or Access Tandem switch. Through this interface, AWS can connect to CBT end-offices or to other carriers interconnected through the tandem.
- (cc) Type 2B Interface - The POI of a trunk between AWS's System and a CBT end-office switching system where AWS connects to directory numbers served by that end-office. A Type 2B interface may be used in conjunction with the Type 2A interface on a high-usage alternate routing basis to serve high-volume traffic between the MSC and CBT end-office.
- (dd) Type 2C interface - The POI of a trunk between AWS's System and a CBT end-office switching system where carrier connects to other end-offices and other carriers, for example, E-911 traffic.
- (ee) Type 2D Interface - The POI of a trunk between AWS's System and a CBT Operators Services System (OSS) Switch. CBT's OSS switch is a tandem switch with operator services call processing capabilities. CBT's OSS provide alternate billing services (e.g., calling card processing), directory assistance services (including Directory Assistance Call Completion) and general assistance services.
- (ff) W/L Traffic (Wireless to Land Call) - Calls originated by AWS's Wireless customer requesting a connection to a CBT customer within the COA or needing a connection to another carrier for call completion. Calls originated by AWS to another CMRS provider or another LEC, other than CBT are transit traffic and not AWS originated L/W calls for compensation purposes.

2. INTERCHANGE OF TRAFFIC

- (a) The Parties agree to physically interconnect their facilities and interchange traffic, W/L and/or L/W, in connection with AWS's Authorized Services. Such interconnection shall be in accordance with the service, operating and facility arrangements set forth hereinafter. The interchanged traffic shall be handled over Connecting Facilities provided by CBT or third parties pursuant to this Agreement. All AWS facilities necessary to connect to CBT Connecting Facilities shall be compatible and consistent with CBT's System.
- (b) The Parties will engineer and maintain the appropriate type of and sizing for Connecting Facilities according to mutual forecasts and sound engineering practice, as mutually agreed to by the Parties.
 - (1) The grade of service for all facilities between the CBT End Office or Tandem and AWS's MSC shall be engineered to achieve P01 grade of service.
 - (2) If a trunk group is under seventy-five percent (75%) of centum call seconds (CCS) capacity on a monthly average basis for each month of any six (6) month period, either Party may issue an order to resize the trunk group, which shall be left with not less than twenty-five percent (25%) excess capacity. In all cases, grade of service objectives shall be maintained.
 - (3) The Parties shall establish joint forecasting responsibilities for traffic utilization over trunk groups. Forecast information for traffic between the Parties will be provided by the Parties to each other two times a year. The semi-annual forecasts shall include forecasted requirements for each trunk group. The Parties recognize that, to the extent historical traffic data can be shared between the Parties, the accuracy of the forecasts will improve. Forecasts shall be for a minimum of three (current and plus-1 and plus-2) years.
 - (4) The Parties shall provide each other with a description of major network projects anticipated for the following six months that could affect the other Party. Major network projects include trunking or network rearrangements, shifts in anticipated traffic patterns, or other activities that cause a significant increase or decrease in trunking demand for the following forecasting period.
- (c) CBT shall provide the facilities and arrangements herein described to AWS in order to establish the physical connection and permit the interchange of traffic between the Parties. The Parties shall follow normal provisioning intervals as set forth in CBT's access tariffs to determine the date on which the facilities will be placed into service. Service intervals and due dates for

negotiated arrangements will be mutually determined on an individual case basis.

- (d) Interconnection shall be available at the trunk-side of an End Office Switch via Type 2B Interconnection and Type 1 interconnection; at the trunk connection points for a CBT Tandem via Type 2A Interconnection; and at STPs via Type S Interconnection. Interconnection with CBT's Operator Services location shall also be available at CBT's OSS Switch via Type 2D interconnection. Interconnection shall be provided at such other interconnection points where technically feasible and mutually agreed by the Parties, subject to the same reasonable space and equipment limitations as are imposed on interconnection between local exchange carriers and incumbent local exchange carriers. AWS may, utilize either inband signaling or out of band signaling where technically feasible and mutually agreed by the Parties.

Unless otherwise agreed by the Parties, the type of traffic to be exchanged under this Agreement, and which require separate trunk groups, include:

- Local and IntraLATA Toll Traffic
- Switched access traffic
- Transit Traffic
- Directory Assistance
- 911/E-911
- Operator Services

- (e) Where AWS and CBT interconnect for the exchange of Wireless Calls, there will be a POI for the interconnection facility. To route AWS calls to and from the POI, the Parties may agree to any of the following alternatives:
 - (1) AWS can construct its own Connecting Facilities,
 - (2) AWS may lease the Connecting Facilities (DS1 or DS3 facilities) from CBT, where facilities are available (where facilities are not available, special construction charges may apply),
 - (3) AWS can purchase or lease Connecting Facilities from a third party,
 - (4) Mid-Span Meet facilities (Each Party is responsible for funding and providing its own facilities up to the Mid-Span Meet POI.)
 - (5) Physical Collocation
 - (6) Virtual Collocation
- (f) Interchanged traffic shall be handled only over the Interface Types provided, pursuant to this Agreement, except in the case of an emergency, when traffic cannot be interchanged over the interface types, channels or other equipment provided by one Party pursuant to this Agreement because of failure of or damage to such interface types, channels or other

equipment. Upon such failure or damage, both Parties agree to make their best efforts to repair such interface types, channels or other equipment for the interchange of traffic. Both Parties also agree to provide alternate equipment and/or routing, whenever possible, equivalent to that provided for any interconnecting communications carrier, for which no additional charge will be due from the other Party that will allow for the temporary interchange of traffic between the Parties until the equipment provided pursuant to this Agreement is repaired.

3. FACILITIES AND ARRANGEMENTS

- (a) Subject to the availability of channels, interface types, arrangements and the reasonable requirements of CBT for its telecommunications services, CBT will provide to AWS, upon request, those facilities and arrangements described herein to establish the physical connection and interchange of traffic between the Parties, as well as any other facilities as AWS may require for operation of its system. The Parties shall configure two-way Connecting Facilities for Wireless to Land and Land to Wireless traffic, or alternatively, the Parties shall configure separate one-way Connecting Facilities for Wireless to Land traffic and for Land to Wireless traffic. The Parties shall follow normal provisioning as set forth in CBT's Access Tariffs for due dates. The maintenance, operating criteria and testing procedures pertinent to the channels, interface types and arrangements provided for use in connection with AWS's System are set forth in Attachments I and III hereto.
- (b) AWS can order a Type 2A interface to CBT's Local Tandem or Access Tandem for the interchange of traffic.
 - (1) With Type 2A IntraLATA interconnection, AWS is able to establish connections through CBT's facilities from and to prefixes (NXXs) in all CBT end offices subtending such CBT Tandem Office.
 - (2) A separate Type 2A trunk group must be provided to CBT's Access Tandem for use in the transporting of calls to and from AWS's System and Interexchange Carriers (IC's) Switched Access FGB and FGD services at the Access Tandem.
 - (3) AWS may utilize CBT's network for transit traffic to a third Party if both AWS and the third Party have established trunk connections with CBT's Tandem Switch. The Parties agree that it is the responsibility of AWS and other LECs or CMRS providers (third party) to enter into arrangements to exchange and bill for the termination of traffic between AWS and such third parties, and that CBT and AWS will work cooperatively to resolve issues

surrounding Transit Traffic. CBT charges to AWS for delivery of Transit Traffic are defined on Attachment V.

- (c) With Type S interconnection, AWS is able to establish SS7 signaling link connections through CBT's facilities to provide SS7 ISUP and SS7 TCAP messages.
- (d) A separate Type 2D trunk group will be required for Wireless originated calls to Directory Assistance (411) and operator assisted calls (O+).
- (e) Central office arrangements and telephone numbers (serving exchange access lines) provided by CBT for AWS's use with the Type 1 interface shall be assigned by CBT and may be changed to meet the reasonably necessary operating and service requirements of CBT. CBT will provide Type 2A and Type 2B interfaces, in addition to, or in lieu of a Type 1 interface, at AWS's option. AWS may interconnect with CBT's network via Type 2A or Type 2B interfaces. The network configuration will be mutually negotiated and agreed upon by both CBT and AWS. AWS may at its discretion participate with CBT in the design of the interconnection network to optimize access to or from AWS's System and the points of interconnection.
 - (1) When AWS chooses a Type 1 interface, AWS shall be provided telephone numbers in incremental blocks of one hundred (100) each; but CBT and AWS may agree to the provision of numbers in lesser or greater quantities. AWS shall furnish CBT its number requirements for planning purposes in advance of their assignment for use by CBT in order to ensure number availability. Within the number blocks assigned, under subparagraph 3(b)(1) preceding, the assignment and use of such numbers of AWS to its subscribers for its Authorized Services shall be the responsibility of AWS in coordination with CBT for efficient operation with CBT's System.
 - (2) Central office prefixes used with telephone numbers furnished to AWS for a Type 1 interface in accordance with subparagraph 3(c)(1) above may be used by CBT in providing its subscriber services and for other purposes, but not for assignment to other carriers.
 - (3) AWS and CBT agree to abide by all code conservation policies to which local exchange carriers are subject, as prescribed by the Central Office Code (NXX) Assignment Guidelines, INC 95-0407-008, Reissued April 1997.

- (4) For Type 1 numbers, where changes are to be made to numbers in service or not yet placed in service, CBT shall give AWS advance notice in writing, not less than three-hundred and sixty (360) days for in-service numbers or sixty (60) days for numbers not yet in service, and will coordinate such changes with AWS.

4. USE OF FACILITIES AND SERVICES

Connecting channels, interface types and arrangements provided hereunder shall not be used knowingly for any purpose or in any manner, directly or indirectly, in violation of law or in the undertaking of an unlawful act.

5. CHARGES FOR FACILITIES AND ARRANGEMENTS

- (a) The channels, interface types and arrangements that may be provided by CBT to AWS pursuant to this Agreement, and all charges therefor, are set forth hereinafter in Attachment II.
- (b) Both Parties agree that CBT cannot unilaterally make changes to tariffs that materially affect this agreement. Where this agreement refers to tariffed rates for services the following will apply:

Where the agreed charges for channels, interface types and arrangements furnished to AWS pursuant to this Agreement are listed in Attachment II as equivalent or otherwise related to the rates and charges for channels, interface types and arrangements offered by CBT to its subscribers under tariff, the respective charges set forth in Attachment II shall be deemed amended to conform to any changes that may hereafter occur in regard to the tariff rates for such equivalent facilities and arrangements. CBT will, via tariff filings, notify AWS of any changes in the terms and conditions under which CBT offers its services by serving AWS with a copy of the tariff filing at the time it is submitted to the Commission.

- (c) The charges to subscribers of CBT and of AWS for an interchanged call shall be determined as set forth in this paragraph unless otherwise expressly agreed by the Parties, and shall be set forth in their respective tariffs or list of current retail prices applicable to the type of traffic interchanged. Independent Telephone Company subscribers in the LATA will be charged for their L/W calls under the Independent Telephone Company's appropriate tariffs. Any operator assisted calls or coin telephone calls that require operator assistance placed from within the LATA in the COA will be charged to the calling party under the provisions of CBT's General Exchange Tariff.
- (d) The charges for any message toll telephone service, under the Type 1 arrangement, shall be the charges set forth in CBT's applicable message toll tariff between the call's originating and terminating end offices on CBT's

System, i.e., between the serving wire centers of the MSC and CBT's subscriber.

- (i) For messages billable to stations on CBT's System or to CBT's subscribers (i.e., sent-paid from CBT stations or placed on a received-collect or CBT credit card basis to CBT stations), CBT shall bill and collect from its subscriber its charges for its portion of the service, when applicable.
- (ii) For messages sent-paid from stations on AWS's System or placed on a received-collect basis to such stations, CBT shall bill AWS for CBT's charges for its portion of the service and AWS will pay such charges without allowance for uncollectibles.

(e) Reciprocal Compensation

The Parties shall compensate each other for the transport and termination of L/W Traffic and W/L Traffic over the terminating carrier's switch in accordance with Section 251(b)(5) of the Act and the FCC's Order on Remand and Report and Order in CC Docket Nos. 96-98 and 99-68, released on April 27, 2001 at the rates provided in Attachment II.

- (f) W/L Traffic to certain information services will be rated under CBT's General Exchange Tariffs, e.g., 411 service.

6. TERMS FOR PAYMENT OF CHARGES

- (a) AWS and CBT agree to pay to each other all charges due each other within thirty (30) days of the date the statement was rendered (bill date) for those charges. Payments shall be made in U.S. Dollars. Each Party shall bear the risk and burden of collecting from its own customers.
- (b) All flat rate monthly charges shall be billed by CBT and AWS in advance, except charges due for the initial month, or a portion of the initial month, during which new items are provided, will be included in the next bill rendered.
- (c) A summary report (bill) of network usage will be prepared monthly by each Party for the other Party. The entries will be total minutes and total usage charges. Detail can be furnished by one Party to the other Party upon request at a charge agreed to by both Parties.
- (d) Upon termination of this Agreement, the monthly charges payable under the Agreement shall be prorated to the date of termination, provided that the channel, interface type, or arrangement for which such charge is levied has been in service for more than one (1) month. In the event that the channel, interface type, or arrangement has been in service for less than one

(1) month, the full monthly charge shall be due on termination, together with any applicable nonrecurring charges. In the event this Agreement is terminated by CBT prior to AWS initiating service to the public because of AWS's violation of this Agreement, or AWS cancels an order for a channel, interface type or an arrangement prior to placing it in service, and CBT has incurred costs in connection with the channel, interface type or arrangements to be provided, AWS shall reimburse CBT the direct and reasonable costs, less net salvage, actually incurred by CBT.

- (e) If any portion of an amount due to a Party under this Agreement is subject to a bona fide dispute between the Parties, the Party shall, prior to the bill due date, give written notice to the billing Party of the amounts it disputes, the specific details and reasons for disputing each item. The Parties will attempt resolve the issues related to the disputed amounts in the normal course of business before utilizing the Alternate Dispute Resolution process in Section 28.
- (f) A Party (auditing Party) may audit the other Party's (audited Party) books, records, data and other documents, as provided herein, one (1) time each year for the purpose of evaluating the accuracy of audited Party's billing and invoicing. The scope of the audit shall be limited to the (i) the period subsequent to the last day of the period covered by the audit which was last performed (or if no audit has been performed, the effective date) and (ii) the twelve (12) month period immediately preceding the date the audited Party received notice of such requested audit. The audit shall be conducted by one (1) or more auditor(s) mutually agreed upon by the Parties. The auditing Party shall cause the auditor(s) to execute a nondisclosure agreement in a form agreed upon by the Parties. Each Party shall bear its own expenses in connection with the conduct of any audit.

7. TESTING

CBT and AWS each may make reasonable tests and inspections of the channels, interface types and arrangements and may, upon notice to and coordination with the other, temporarily interrupt the channels, interface types and arrangements being tested or inspected. When cooperative testing is requested by either Party, such testing shall be done in accordance with Attachment III unless other arrangements are agreed to by the Parties.

8. TROUBLE REPORTING

Subscribers of each Party shall be instructed to report all cases of trouble to that Party. Each Party shall handle trouble reporting and advise the other Party, after thorough investigation, in accordance with the procedures established in Attachment III. Each Party shall be provided with a telephone number to which it can call twenty-four (24) hours a day, seven (7) days a week in order to report and receive resolution of trouble reports.

9. EQUIPMENT SPACE AND POWER

When AWS leases facilities from CBT (i.e., not when CBT is collocated) AWS shall furnish or arrange to have furnished to CBT, at no charge, equipment space and electrical power required by CBT to provide facilities under this Agreement. The selection of AC or DC power shall be mutually agreed to by AWS and CBT. Upon request, AWS shall also make necessary arrangements in order that CBT and its agents will have access to such equipment space at reasonable times for installing, inspecting, testing, repairing or removing its channels, interface types or arrangements. AWS may, at its option, require that carrier or its agent or representative be present at all such times.

10. MAINTENANCE OF SERVICE CHARGE

Maintenance of service charges may be imposed by either Party if applied in accordance with Attachment IV.

11. LIABILITY AND INDEMNITY

- (a) (1) Neither Party assumes any liability for any act or omission of the other in the furnishing of its service to its subscribers solely by virtue of entering into this Agreement.
- (2) The performance of either Party under this Agreement shall be excused if interrupted by extreme and irreconcilable labor difficulties, governmental orders, civil commotions, acts of God and other circumstances beyond their reasonable control, subject to the interruption allowance provisions of Paragraph 13 following; provided, however, that the excused Party acts immediately to resolve the interruption as soon as possible and resume performance immediately thereafter, and further provided that the contingent obligations of the other Party be excused so long as the interruption continues.
- (b) (1) The liability of either Party for damages arising out of delays in maintenance or restoration of channels, interface types or arrangements or out of mistakes, omissions, interruptions, errors or

defects in transmission occurring in the course of providing such channels, interface types or arrangements shall in no event exceed the amount of allowance, if any, available under Paragraph 13 following.

- (2) CBT shall reimburse AWS for damages to premises or equipment of AWS resulting from the provision of channels, interface types or arrangements by CBT on such premises or resulting from the installation or removal thereof if caused, in whole or in part, by the negligence or willful misconduct of CBT or its agents.
- (c) (1) AWS shall reimburse CBT for damages to channels, interface types, or arrangements of CBT provided under this Agreement if such damage is caused, in whole or in part, by the negligence or willful misconduct of AWS and is caused by the malfunction of any facilities or equipment provided from a source other than CBT. CBT will, upon reimbursement for such damages, cooperate with AWS in AWS's prosecution of a claim against the person(s), if any, contributing to such damage. AWS, to the extent of any recovery, will be subrogated to CBT's right of recovery for the damages to extent of such payment.
- (2) AWS shall reimburse CBT for any loss through theft of CBT channels, interface types, arrangements or equipment provided by CBT under this Agreement on AWS's premises.
- (d) The Parties shall cooperate with each other in the defense of any suit, claim or demand by third persons against either or both of them arising out of the interconnection agreements and interchange of traffic hereunder including, without limitation, Workmen's Compensation claims, actions for infringement of copyright and/or unauthorized use of program material, libel and slander actions based on the content of communications.
- (e) Neither Party shall be required to reimburse the other for any claim or loss pursuant to this paragraph where the amount in controversy is less than one hundred (100) dollars.

12. PATENTS

- (a) With respect to claims of patent infringement made by third persons, AWS shall defend, indemnify, protect and save harmless CBT from and against all claims arising out of the combining with or use in connection with, the channels, interface types, or arrangements furnished under this Agreement, of any circuit, apparatus, system or method provided by AWS or its subscribers.

- (b) With respect to claims of patent infringement made by third persons, CBT will defend, indemnify, protect and save harmless AWS from and against all claims arising out of the combining with or AWS's use of channels, interface types or arrangements furnished by CBT under this Agreement.
- (c) Neither Party grants to the other any license under patents nor shall any be implied or arise by estoppel in either Party's favor with respect to any circuit, apparatus, system or method used by the Parties in connection with any channels, interface types, or arrangements furnished under this Agreement.

13. ALLOWANCE FOR INTERRUPTIONS

- (a) When use of the channels, interface types or arrangements furnished by one Party in accordance with this Agreement is interrupted due to trouble in such channels, interface types or arrangements, and such interruption is not caused by the negligence of the other Party or its subscriber, or the fault of facilities or equipment provided by the other Party or its subscriber, the other Party shall, upon request, be allowed a credit as follows:
 - (i) The amount of credit shall be an amount equal to the pro rata monthly charge, specified in Attachment II, for the period during which the channel, interface type or arrangement affected by the interruption is out of service.
 - (ii) All credit for interruption shall begin from the time of actual notice from one Party to the other Party, in accordance with Paragraph 8 preceding, that an interruption of use has occurred. No credit shall be allowed for an amount of less than five (5) dollars.
- (b) A credit shall not be applicable for any period during which one Party fails to afford access to the facilities furnished by the other Party for the purpose of investigating and clearing troubles.
- (c) The date when the channels, interface types or arrangements furnished under this Agreement shall be placed into service shall be mutually agreed upon by the Parties to this Agreement. If the Party providing the channels, interface types or arrangements fails to establish service by such date, it shall provide to the other Party a credit of 1/30 of the monthly charge for the facilities whose installation was delayed for each day of the delay in service establishment of such facilities.

14. TECHNICAL SPECIFICATIONS

Subject to any special arrangements pursuant to Paragraph 3(d) preceding, the design, installation, operation and maintenance of all circuits, equipment and other facilities of AWS and CBT, used in handling interchanged traffic under this Agreement, shall be made in accordance with Bell Communications Research Technical Reference PUB43303; Bell Communications Research list "Notes on the BOC Intra-LATA Network"; Compatability Information for Interconnection of a Wireless Services Provider and a Local Exchange Carrier Network, GR-145-CORE; and such other documents as may from time to time be referenced or amended.

15. PROTECTION

- (a) The characteristics and methods of operation of any channels, interface types, arrangements or equipment of one Party connected with the services, channels, interface types, arrangements or equipment of the other Party pursuant to this Agreement shall not interfere with or impair service over any facilities of the other Party, its affiliated companies, or any connecting and concurring carriers involved in the provision of telecommunications services, cause damage to plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public.
- (b) If such characteristics or methods of operation of one Party's facilities are not in accordance with Paragraph 15(a) preceding, the other Party will, where practicable, notify the first Party that temporary discontinuance of the use of any circuit, facility or equipment may be required; however, when prior notice is not practicable, nothing contained herein shall be deemed to preclude the second Party from temporarily discontinuing forthwith the use of a channel, interface type or arrangement if such action is reasonable under the circumstances and made in good faith. In case of such temporary discontinuance the first Party will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During such period of temporary discontinuance allowance for interruption of service as set forth in Paragraph 13 preceding is not applicable.
- (c)
 - (1) The physical connection of channels, interface types or arrangements hereunder may be temporarily discontinued by CBT upon thirty (30) days notice to AWS from repeated or willful violation of or a refusal to comply with this paragraph and Paragraphs 2(b) and 4 preceding.
 - (2) Whenever CBT discontinues service pursuant to this paragraph, it will notify the Federal Communications Commission and the

appropriate state regulatory body concurrently with the notice to AWS of the prospective discontinuance for cause.

16. RECORDS

- (a) Each Party will keep adequate records of its operations and transactions under this Agreement and shall upon reasonable request therefor furnish to the other Party such information as may be reasonably required for the administration of this Agreement.
- (b) The Parties recognize that each will develop and own information during the time of this Agreement that the other Party will wish to keep confidential. In addition, the Parties will exchange information that the tendering Party will wish to keep confidential.
- (c) In recognition of the fact that AWS is engaged in a competitive activity, including competition with CBT's PCS affiliate to the extent permitted by the Operating Agreement between AT&T Wireless PCS Inc. and Cincinnati Bell Wireless Company, dated as of December 31, 1998, CBT agrees to treat as confidential all proprietary, non-public information obtained from AWS, including, but not limited to, the systems engineering, traffic, phone number utilization and any and all technical data, business records, correspondence, cost data, customer lists, estimates of any kind, market surveys, trade secrets and other trade information or any information that AWS designates as confidential (collectively referred to as "Information"). CBT shall keep, file and store such Information, together with any notes or other materials incorporating or relating to the Information, in a manner consistent with its confidential nature and this Section 16.
- (d) AWS likewise covenants to treat as confidential all information provided by CBT that CBT designates as proprietary, including, but not limited to, the categories of Information listed above, and shall keep, file and store such information together with any notes or other materials incorporating or relating to the Information in a manner consistent with its confidential nature and this Section 16.
- (e) Notwithstanding the foregoing, nothing shall be construed in this Agreement as permitting CBT to disclose directly or indirectly any of this Information to any other communications company, or its officers, employees, or agents.
- (f) The Party that has developed or received Information shall disclose Information only to its officers, employees, contractors or agents who have a need for it in connection with the administration and implementation of this Agreement, unless otherwise agreed upon in writing signed by the disclosing Party.

- (g) Each Party agrees to give notice to the other Party of any demands under lawful process to disclose or provide Information received from the other prior to disclosing or furnishing such Information and agrees to cooperate in seeking reasonable protective arrangements requested by the other Party. In the event that the receiving Party is requested to disclose or provide Information of the disclosing Party by a government agency, other than by lawful order, the receiving Party may disclose or provide Information of the disclosing Party requested by the government agency provided that the receiving Party notifies the disclosing Party in writing of the request and receives from the disclosing Party either a written assent to disclosure of the Information or the written assent of the disclosing Party conditioned upon the receiving Party's ability to obtain protective arrangements satisfactory to the disclosing Party. Disclosing Party may not unreasonably withhold approval of the protective arrangements.
- (h) Information shall not be deemed confidential and the receiving Party shall have no obligation thereto where the information (i) is or becomes publicly known through no wrongful act, fault or negligence of the receiving Party; (ii) was known by the receiving Party prior to disclosure, or was independently developed, as evidenced by prior documentation or other tangible evidence thereof; (iii) was disclosed by a third Party not in violation of any confidentiality or other agreement; (iv) is approved for release by written authorization of the disclosing Party; or (v) is required to be disclosed according to the guidelines set forth in Section 16 (g), above.

17. TERM AND TERMINATION

- (a) Except as provided in subparagraphs (b) through (i) hereinafter (whereby termination may occur earlier), the initial term of this Agreement shall be two (2) years, which shall commence on the effective date as referenced in Section 24. Either AWS or CBT, in its sole discretion, may terminate this Agreement effective at any time after the initial term by providing notice in writing at least sixty (60) days prior to the stated effective date of such notice. Absent such termination, this Agreement shall automatically remain in full force and effect after the expiration of the Term.

If either Party gives notice of termination, within thirty (30) days thereafter the other Party may request to renegotiate the Agreement. In such a case, this Agreement shall continue in full force and effect until such time as a successor agreement is reached between the Parties. If the Parties fail to reach a new Agreement within sixty (60) days of a request to renegotiate the Agreement, either Party may seek arbitration of the same at the Commission. Once new rates, fees and charges are established, whether by agreement or by arbitration, the Parties shall true-up compensation retroactive to the effective termination date that was specified in the termination notice.

- (b) The date when the channels, interface types or arrangements furnished under this Agreement shall be placed into service shall be mutually agreed upon by the Parties hereto. If service is not established by such date AWS may terminate this Agreement on thirty (30) days notice; provided, however, if AWS does not terminate this Agreement, it shall be entitled to the relief provided by Paragraph 13(c) above.
- (c) If AWS ceases to engage in the business of providing commercial mobile radio services for reasons other than those stated in Paragraphs 17(d), 17(e), and 21, below, either Party may terminate this Agreement upon one (1) month's notice to the other; subject, however, to payment for channels, interface types or arrangements provided or for costs incurred, as set forth in Paragraph 5 preceding. When feasible, CBT will consult with AWS prior to giving notice of termination for the reasons set out in this paragraph.
- (d) This Agreement shall immediately terminate upon the revocation or termination by other means of AWS's authority to provide Authorized Services. Notwithstanding such termination, CBT shall notify AWS, as set forth in Paragraph 20 following, not less than thirty (30) days prior to discontinuing the connection arrangements provided hereunder. At such time, CBT will also notify the Federal Communications Commission and the appropriate state regulatory body of the prospective discontinuance.
- (e) This Agreement may be terminated by either Party upon not less than thirty (30) days notice to other Party, as set forth in Paragraph 20 following, for the other Party's failure to pay on the dates or at the times herein specified for the facilities and services furnished pursuant to this Agreement and, provided further that:
 - (i) The Party terminating the agreement will notify the Federal Communications Commission and the appropriate state regulatory body concurrently with the notice to other Party of the prospective termination for nonpayment; and
 - (ii) If a dispute arises between the Parties as to the proper charges for the channels, interface types or arrangements furnished hereunder, or any other financial arrangements, the Parties agree to enter into good faith negotiations to resolve the dispute. The failure to pay an amount in dispute shall not constitute cause for termination of this Agreement under this subparagraph, provided that a bond or escrow account (or other security arrangement acceptable to both Parties) is made for the security of the amount in dispute; and the presence of such dispute shall not be deemed cause for terminating Party to refuse to furnish additional facilities or arrangements upon reasonable request of the other Party or otherwise relieve the Parties hereto of their obligation to comply fully with the provisions

hereof as to which no dispute exists provided financial security for payment of the amount in dispute has been made as stated above.

In the alternative, either Party may withhold and offset against future amounts due any amounts owed the other Party to the extent of amounts unpaid by the other Party until such time as the other Party makes payment.

- (f) Notwithstanding any other provisions of this Agreement, this Agreement may be terminated for failure of a Party to comply with any provision of this Agreement immediately after written notice of such failure is made by the other Party and the non-complying Party is provided thirty (30) days within which to cure such non-compliance, or at any time as mutually agreed by the Parties.
- (g) Except when AWS terminates this Agreement for CBT's violation of the terms of this Agreement or when CBT terminates this Agreement without cause, in any other case of termination under this paragraph, payment for channels, interface types or arrangements provided or for costs incurred as set forth in Paragraph 5 preceding shall become due.
- (h) CBT and AWS agree that this Agreement represents mutually beneficial and acceptable connection and interchange of traffic arrangements. The Parties agree that if, however, at any time during the term of the Agreement any provisions of the Agreement are found unlawful, are modified, or require review because of actions by the Federal Communications Commission, the Public Utilities Commission of Ohio, the Public Service Commission of Kentucky or a court having suitable jurisdiction, or if the Commission or the FCC rejects any portion of this Agreement, then either CBT or AWS may on ten (10) days notice terminate this Agreement and the Parties agree to meet and renegotiate in good faith to arrive at a mutually acceptable modification of the Agreement.

The Parties acknowledge that nothing in this Agreement shall limit a Party's ability to assert public policy issues relating to the Act, including, but not limited to, challenging the validity of any portion of the Act or any FCC or Commission rule, order, Guideline or other determination made pursuant to the Act, or limit the application by CBT for suspension or modification of portions of the Act or rules thereunder pursuant to Section 251(f)(2) of the Act. In the event any portion of the Act or an FCC or Commission rule, order or Guideline is determined by a court to be unlawful or is withdrawn by the FCC or the Commission ("Vacated Requirement"), the Parties agree that either Party may, in good faith, notify the other Party that such Vacated Requirement had a material effect on its willingness to accept the terms of this Agreement as written. The Parties agree to renegotiate the terms of this Agreement insofar as they were affected by the Vacated

Requirement within sixty (60) days after such notice. If the Parties have not reached agreement within such sixty (60) days, those provisions which were the subject of the notice shall be suspended until an agreement is reached.

In the event CBT obtains a suspension or modification of any portion of the Act or rules thereunder pursuant to Section 251(f)(2) of the Act, the terms of this Agreement shall automatically be modified in accordance with the terms of such suspension or modification and the Parties agree to negotiate as necessary in order to clarify the application of such suspension or modification to the terms of this Agreement.

18. NO WAIVER

The failure of either Party to insist upon performance of any of the terms and conditions of this Agreement in any one or more instances shall not be construed as a waiver or relinquishment of any such terms, covenants, and conditions, but the same shall be and remain in full force and effect.

19. ATTACHMENTS

Subject to the provisions of Paragraph 5(b) preceding, new or revised Attachments may from time to time be substituted, by written agreement of the Parties, for the currently effective Attachments, superseding and canceling those then in effect.

20. NOTICE

Notices under this Agreement (other than trouble reports and notice of interruption pursuant to Paragraphs 8 and 13(b) preceding) may be given by one Party to the other Party shall be (1) delivered personally, (2) delivered by express delivery service, (3) mailed, certified mail U.S. postage prepaid, return receipt requested, or (4) delivered via telecopy (facsimile).

To AWS, addressed as follows:

AT&T Wireless Services, Inc.
Attn: Jill Mounsey
Director – Enterprise Support
AT&T Wireless Services, Inc.
7277 – 164th Avenue NE
Redmond, Washington 98052
Fax: 425-580-8609

With a copy to:

Dan Waggoner
Davis Wright Tremaine LLP

2600 Century Square
1501 Fourth Avenue
Seattle, WA 98101-1688
Fax: (206) 628-7699

and to CBT:

Vice President & General Manager – Carrier Services
Cincinnati Bell Telephone Company
201 E. Fourth Street
Cincinnati, Ohio 45201-2301
Facsimile: (513) 241-8735

With a copy to:

Senior Associate General Counsel
Cincinnati Bell Telephone Company
201 E. Fourth Street, Room 620
Cincinnati, Ohio 45201-2301
Facsimile: (513) 397-9557

21. ASSIGNMENT

Neither this Agreement nor any interest of AWS hereunder, nor the use of any of the facilities furnished by CBT hereunder, may be assigned or in any manner transferred by AWS without (i) the consent of CBT, which consent shall not be unreasonably withheld, provided, however, that company's consent is not required for assignment to any legal entity which is a subsidiary of AWS and provided that AWS provide written notice to CBT, or (ii) the approval of the Public Utilities Commission of Ohio and the Public Service Commission of Kentucky, as applicable.

22. CHANGES AND MODIFICATIONS

- (a) Except as otherwise provided in subparagraph 3(f)(1) regarding NXX(s), if CBT or AWS proposes to make any permanent changes in the arrangements provided for in this Agreement or any permanent change in its operations which would affect the opposite Party's operations or services once the facilities, arrangements, apparatus, equipment or any other item furnished by either Party to the other under this Agreement are installed, that Party shall give notice to the other at least one hundred twenty (120) days in advance of any such changes advising when such changes will be made, except in emergency situations when the Parties shall reasonably agree on a shorter notice period. All such changes shall be coordinated between the Parties. Where such changes are made for one Party's purposes, and where practicable, temporary equipment or facilities

shall be provided to the other Party by the proposing Party at no additional charge.

- (b) Subject to the provisions of Paragraph 22(a) preceding, each Party shall be solely responsible, at its own expense, for the overall design of its services and for any redesigning or rearrangement of its services which may be required because of changes in facilities, operations or procedures of either Party, minimum network protection criteria or operating or maintenance characteristics of the facilities.
- (c) The rates set forth in this Agreement are intended to be interim rates until such time as the Commission approves CBT's rates for transport, termination and unbundled elements. The Parties shall true-up compensation for unbundled elements and for the transport and termination of Local Traffic once the Commission approves CBT's rates such that each Party shall receive the level of compensation it would have received had the Commission-approved rates been in effect as of the effective date of this Agreement.

23. PUBLIC UTILITIES COMMISSIONS

Notwithstanding any other provisions in this Agreement, no changes in the Agreement, including changes in Attachments and changes in rates and charges, shall be implemented without the prior approval of the Public Utilities Commission of Ohio and the Public Service Commission of Kentucky, if necessary.

24. EFFECTIVE DATE

This Agreement shall become effective upon its execution and filing (filing date), subject to the consent and approval of the Public Utilities Commission of Ohio and the Public Service Commission of Kentucky.

25. CANCELLATION OF PRIOR AGREEMENT

Except for any sums due thereunder, this Agreement cancels and supersedes all prior Interconnection and Facility Agreements between the Parties.

26. GOVERNING LAW

This Agreement shall be governed by, and construed in accordance with, the Laws of the State of Ohio and in the event of litigation between the Parties, it is agreed that proper venue will be within Ohio.

27. TAXES

The services provided by either Party, as enumerated within this Agreement, shall be used exclusively in the rendering of a communication service pursuant to Section 4251 of the Internal Revenue Code. Both Parties shall be responsible for charging and subsequent payment of appropriate taxes, levied upon them, from their respective customers. To the extent either Party qualifies for a full or partial exemption from any taxes charged by the other Party, appropriate documentation shall be provided, as requested.

28. ALTERNATE DISPUTE RESOLUTION

- (a) Alternative to Litigation - Except as provided under Section 252 of the Act with respect to the approval of this Agreement by the Commissions, the Parties desire to resolve disputes arising out of this Agreement without litigation. Accordingly, except for action seeking a temporary restraining order or an injunction related to the purposes of this Agreement, or suit to compel compliance with this dispute resolution procedure, or regulatory action under the Act, the Parties agree to employ this dispute resolution procedure as their sole remedy with respect to any controversy or claim arising out of or relating to this Agreement or its breach.
- (b) Negotiations - At the written request of a Party, each Party will appoint a knowledgeable, responsible representative to meet and negotiate in good faith to resolve any dispute arising under this Agreement. The Parties intend that these negotiations be conducted by non-lawyer, business representatives. The location, format, frequency, duration, and conclusion of these discussions shall be left to the discretion of the representatives. Upon agreement, the representatives may utilize other alternative dispute resolution procedures such as mediation to assist in the negotiations. Discussions and correspondence among the representatives for purposes of these negotiations shall be treated as confidential information developed for purposes of settlement, exempt from discovery and production, which shall not be admissible in the arbitration described below or in any lawsuit without the concurrence of all Parties. Documents identified in or provided with such communications, which are not prepared for purposes of the negotiations, are not so exempted and may, if otherwise admissible, be admitted in evidence in the arbitration or lawsuit.
- (c) Arbitration - If the negotiations do not resolve the dispute within sixty (60) days of the initial written request, then either Party may file a complaint with the Commission to resolve such issues or proceed with any other remedy available to it under this Agreement.
- (d) Costs - Each Party shall bear its own costs of these procedures. A Party seeking discovery shall reimburse the responding Party the costs of production of documents (including search time and reproduction costs).

29. NONDISCRIMINATORY TREATMENT

CBT shall make available, in its entirety, any agreement for interconnection, services, or network elements between CBT and a local carrier in the state of Ohio (which agreement is either negotiated or arbitrated pursuant to the Act) (a "Third Party Agreement"). If AWS desires to avail itself of a Third Party Agreement, it shall provide CBT written notice of such desire, and the Parties shall be deemed to have adopted the Third Party Agreement, in place of this Agreement or portion thereof, upon approval of such adopted Third Party Agreement by the Commission pursuant to Section 252 of the Telecommunications Act of 1996.

30. UNBUNDLED NETWORK ELEMENTS

- (a) CBT shall provide AWS access to CBT's network elements on an unbundled basis, including facilities and software necessary to provide such network elements, where available, at any technically feasible point in accordance with the terms and conditions of this Section 30. CBT shall provide AWS access to each unbundled network element, along with all of such unbundled network element's features, functions and capabilities in a manner that shall allow AWS to provide any telecommunications service that can be offered by means of that network element; provided that the use of such network element is consistent with the Act and the Operating Agreement between AT&T Wireless PCS Inc. and Cincinnati Bell Wireless Company, dated as of December 31, 1998.
- (b) Notwithstanding anything to the contrary in this Section 30, CBT shall not be required to provide network elements beyond those identified in 47 C.F.R. § 51.319 to AWS if:

- (1) The Commission concludes that:
 - (a) such network element is proprietary or contains proprietary information that will be revealed if such network element is provided to AWS on an unbundled basis; and
 - (b) AWS could offer the same proposed telecommunications service through the use of other, nonproprietary network elements within CBT's network; or
 - (2) The Commission concludes that the failure of CBT to provide access to such network element would not decrease the quality of, and would not increase the financial or administrative cost of, the telecommunications service AWS seeks to offer, compared with providing that service over other unbundled network elements in CBT's network.
 - (c) If CBT makes available network elements that require special construction, AWS shall pay to CBT any applicable special construction charges, as determined in accordance with the Act. The Parties shall mutually agree on the nature and manner of any required special construction, the applicable charges thereto and the negotiated interval(s) that will apply to the provisioning of such network element(s).
 - (d) At the request of AWS, CBT shall provide AWS access to the following network elements on an unbundled basis:
 - Local Loops, as more fully described on Schedule 30.2.1;
 - The Network Interface Device, as more fully described on Schedule 30.2.2;
 - Interoffice Transmission Facilities, as more fully described on Schedule 30.2.3;
 - Signaling Links and Call-Related Databases, as more fully described on Schedule 30.2.4; and
 - Operations Support Systems (“OSS”) functions as more fully described on Schedule 30.2.5.
 - (e) The quality of an unbundled network element, as well as the quality of the access to such unbundled network element that CBT provides to AWS, shall be (i) the same for all Telecommunications Carriers requesting access to such network element and (ii) equal in quality to that which CBT provides to itself, its subsidiaries or affiliates unless CBT proves to the
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Commission that it is not technically feasible to provide the network element requested by AWS, or access to such network element at a level of quality that is equal to that which CBT provides itself.

- (f) Provisioning of network elements
 - (1) CBT shall provide AWS unbundled network elements as set forth on Schedule 30.4.
 - (2) CBT shall provide AWS access to the Operations Support Systems Functions for CBT's pre-ordering, ordering, provisioning, maintenance and repair, and billing that relate to the network elements that AWS purchases hereunder. Access to such Operations Support Systems functions shall be as provided in Schedule 30.2.6.
- (g) CBT shall charge AWS the non-recurring (including any applicable connection charges) and monthly recurring rates for unbundled network elements (including the monthly recurring rates for those specific network elements, service coordination fee and Cross-Connect charges) as specified in the Pricing Schedule. If AWS requests or approves a CBT technician to perform services in excess of or not otherwise detailed in the Pricing Schedule, CBT may charge AWS for any additional and reasonable labor charges to perform such services. For the purposes of this Agreement "Line Connection Service" means any non-recurring activity performed at the CBT Central Office or the CBT side of the network interface required to connect a specified network element to any Customer- or end user-provided element or required to interconnect contiguous network elements.
- (h) If AWS reports to CBT a suspected failure of a network element, AWS specifically requests a dispatch, CBT dispatches a technician, and such trouble was not caused by CBT's facilities or equipment, then AWS shall pay CBT a maintenance of service charge as set forth in the Pricing Schedule.

31. COLLOCATION

CBT shall provide to AWS physical collocation of equipment necessary for interconnection or for access to unbundled network elements, provided that CBT may provide virtual collocation in place of physical collocation, or in some cases deny a particular collocation request entirely, if CBT demonstrates that physical collocation, is not practical because of technical reasons or space limitations, as provided in Section 251(c)(6) of the Act. CBT will provide such collocation for purposes of interconnection or access to unbundled network elements pursuant to the terms and conditions in the applicable CBT federal and state collocation tariffs.

32. RIGHT-OF-WAY

To the extent lawfully required by the Act, CBT shall afford to AWS access to the poles, ducts, conduits and rights of way it owns or controls on the same terms, conditions and prices to those offered to any other telecommunications carrier pursuant to CBT's tariffs and/or standard agreements.

33. E9-1-1 SERVICE FOR FIXED WIRELESS CUSTOMERS

33.1 CBT shall provide E9-1-1 Service to AWS's Fixed Wireless Customers on the same basis that CBT provides E9-1-1 Service to its own Customers in the municipality where such E9-1-1 Service is provided pursuant to the terms and conditions set forth in this **Section 33** in each Rate Center in which (i) AWS is authorized to provide CMRS services and (ii) CBT is the E9-1-1 service provider.

33.2 Service and Facilities Provided.

(a) CBT will provide AWS with multiplexing at a designated CBT Central Office at the rates set forth at in Attachment II. CBT will also provide AWS with trunking from the CBT Central Office to the designated CBT Control Office(s) with sufficient capacity to route AWS's originating E9-1-1 calls over Service Lines to the designated primary PSAP or to designated alternate locations. Such trunking will be provided at the rates set forth in Attachment II. If AWS forwards the ANI information of the calling party to the Control Office, CBT will forward that calling number and the associated street address to the PSAP for display. If no ANI is forwarded by AWS, CBT will display a Central Office identification code for display at the PSAP.

(b) AWS will provide itself, or lease from a third person, the necessary trunking to route originating E9-1-1 traffic from AWS's Switches to the CBT Control Office(s). The point of Interconnection for AWS's Primary and Diverse Routes, where available, to the multiplexer collocation space and E9-1-1 Control Offices is at the CBT Central Office. If Diverse Routes are not available, CBT shall, at the request of AWS, provide diversity to AWS, and AWS shall pay local channel mileage charges for Diverse Routes as set forth in the Attachment II. AWS will be responsible for determining the proper quantity of trunks from its switches to the CBT Central Office(s). Trunks between the CBT Central Office and the CBT Control Office shall be delivered consistent with time frames that CBT provides itself or other customers, but in no case shall it exceed thirty (30) days. Following delivery, AWS and CBT will cooperate to promptly test all transport facilities between AWS's network and the CBT Control Office to assure proper functioning of the E9-1-1 service.

(c) CBT will provide to AWS, at its request, in paper, on diskette or mechanized format, information (the "**E9-1-1 A&R Information**"), and

will seek the appropriate governmental approval if required that will (i) enable AWS to make pre-edits to validate the street addresses of AWS Customers and (ii) specify which E9-1-1 Control Office serves as the jurisdictional E9-1-1 answering point for Customers within the Exchange Areas served by AWS. The E9-1-1 A&R Information will be provided by exchange rate center or community upon request. Until such time as a mechanized process for provision of this information is made available by CBT, CBT shall provide to AWS in a paper format, or on diskette, any updates to the E9-1-1 A&R Information on a quarterly basis or as soon as reasonably practicable after such updates occur. CBT will provide AWS the format rules and definitions of E9-1-1 A&R Information at the time it provides such E9-1-1 A&R Information.

- (d) CBT will coordinate access to the CBT ALI database for the initial loading and updating of AWS Customer information. Access coordination will include:
- (1) CBT-provided format requirements and a delivery address for AWS to supply an electronic version of Customer telephone numbers, addresses and other information, both for the initial load and, where applicable, daily updates. CBT shall confirm receipt of this data as described in **Section 33.2(g)**;
 - (2) Coordination of error resolution involving entry and update activity;
 - (3) Provisioning of specific E9-1-1 routing information on each access line;
 - (4) Updating the CBT ALI database from paper records of service order activity supplied by AWS is optional. The charge for this service is separate and set forth in the Section IX of Attachment II under the category "Optional Manual Update"; and
 - (5) Providing AWS with reference data required to ensure that AWS's Customer will be routed to the correct Control Office when originating a E9-1-1 call.
- (e) In the event of a CBT or AWS E9-1-1 trunk group failure, the Party that owns the trunk group will notify, on a priority basis, the other Party of such failure, which notification shall occur as soon as possible but no later than two (2) hours of the occurrence or sooner if required under Applicable Law. The Parties will exchange a list containing the names and telephone numbers of the support center personnel responsible for maintaining the E9-1-1 Service between the Parties.

- (f) CBT will provide the order number and circuit identification code in advance of the service due date.
- (g) AWS or its third-party agent will provide CNA data to CBT for use in entering the data into the E9-1-1 database. The initial CNA data will be provided to CBT in a format prescribed by CBT. AWS is responsible for providing CBT updates to the CNA data and error corrections that may occur during the entry of CNA data to the CBT E9-1-1 Database System. AWS shall reimburse CBT for any additional database charges, if any, incurred by CBT for errors in CNA data updates caused by AWS or its third party agent. CBT will confirm receipt of such data and corrections by the next Business Day by providing AWS with a report of the number of items sent, the number of items entered correctly, and the number of errors.
- (h) AWS will monitor the E9-1-1 circuits for the purpose of determining originating network traffic volumes. AWS will notify CBT if traffic study information indicates that additional circuits are required to meet the current level of E9-1-1 call volumes.
- (i) Incoming trunks for E9-1-1 shall be engineered to assure minimum P.01 grade of service, as measured using the “busy day/busy hour” criteria.
- (j) All E9-1-1 trunks must be capable of transmitting and receiving Baudot code necessary to support the use of Telecommunications Devices for the Deaf (“**TTY/TDD**”s).
- (k) AWS shall report errors, defects and malfunctions to CBT. CBT shall provide AWS with the point of contact for reporting errors, defects and malfunctions in the service and shall also provide escalation contacts.

33.3 Compensation.

In addition to the amounts specified in **Section 33.2**, AWS shall compensate CBT as set forth in Section IX of Attachment II.

33.4 Additional Limitations of Liability Applicable to E9-1-1 Service.

- (a) CBT is not liable for the accuracy and content of CNA data that AWS delivers to CBT. AWS is responsible for maintaining the accuracy and content of that data as delivered. However, as custodian of the data CBT must exercise reasonable care of the data. AWS shall not be responsible for errors or mistakes that result from CBT’s storage or transmission of data that is correct as delivered by AWS to CBT.

- (b) Notwithstanding anything to the contrary contained herein, CBT's liability to AWS and any third person shall be limited to the maximum extent permitted by Section 4931.49 Ohio Revised Code.

33.5 Database and Network Requirements.

CBT shall identify that information that AWS must provide CBT so that CBT can provide AWS with the E9-1-1 services described herein.

33.6 CBT shall adopt use of a Carrier Code (NENA standard five-character field) on all ALI records received from AWS.

34. NUMBER PORTABILITY -- SECTION 251(b)(2)

34.1 Provision of Local Number Portability. Both AWS and CBT shall jointly cooperate to implement all applicable requirements for Local Number Portability as set forth in the Act, FCC rules and regulations, and the rules and regulations of Public Utilities Commission of Ohio. Specific rules, regulations, and rates for Local Number Portability the (LNP) Query Service are available in CBT's Access Service Tariff FCC No. 35, Section 34.3.9.

34.1.1 Conventions. For purposes of this Section 34, Party A means the carrier from which a telephone number is ported, and Party B means the carrier to which a telephone number is ported.

34.1.2 The Parties agree that as part of either carrier's implementation of LNP in an existing switch or in the process of deploying a new switch, the Parties shall cooperate in joint testing for the implementation of LNP.

34.1.3 The use of LNP shall not subject either Party or its customers to any degradation of service compared to the other Party and its customers as measured by any relevant performance standard, including transmission quality, switching, and transport costs, increased call set-up time and post-dial delay. Both Parties shall act as the default carrier for the other Party in the event that either Party is unable to perform the routing necessary for LNP due to abnormal conditions. Both Parties agree to begin default queries, as necessary, only after the first telephone number in a LNP-capable NXX has actually been ported.

34.1.4 Both Parties shall provide updates to the LERG at least forty-five (45) days prior to the LNP effective date and will identify the portable switches and NXXs. All NXXs assigned to LNP-capable switches are to be designated as portable unless a NXX has otherwise been designated as non-portable. Non-portable NXXs include NXX codes assigned for internal testing and official use; codes assigned to mass calling on a choked network; and any other NXX codes required to be designated as non-portable by the rules of the FCC or Commission. Non-portable NXXs also include NXX codes assigned to paging, cellular, and wireless services unless otherwise identified as portable by the NXX code holder: CBT or AWS. On a

prospective basis, newly assigned codes in switches capable of porting shall become commercially available for porting with the effective date in the network.

34.2 Procedures for Providing LNP

The Parties shall follow the Local Number Portability provisioning process recommended by the North American Numbering Council (“NANC”) and adopted by the FCC. In addition, the Parties agree to follow the Local Number Portability ordering procedures established at the Ordering and Billing Forum (“OBF”).

34.2.1 The Parties shall work cooperatively to port customer’s telephone number(s) using LNP.

34.2.2 When a telephone number is ported from Party A’s network using LNP, Party A shall remove any non-proprietary line-based calling cards associated with the ported number(s) from its LIDB. Reactivation of the line-based calling card in another LIDB, if desired, is the responsibility of Party B or the customer.

34.2.3 When a customer of Party A ports their telephone number(s) to Party B, in the process of porting the customer’s telephone numbers, Party A shall implement the ten-digit trigger feature where it is available. When Party A receives the porting request, the unconditional trigger shall be applied to the customer’s line prior to the due date of the porting activity. When the ten digit unconditional trigger is not available, the Parties must coordinate the disconnect activity.

34.2.4 The Parties shall include the Jurisdictional Information Parameter (“JIP”) in the Initial Address Message (“IAM”) that contains the LERG-assigned NPA-NXX (6 digits) identifying the originating switch on calls originating from LNP capable switches.

34.3 NXX Migration. Where a Party has activated an entire NXX for a single Customer, or activated a substantial portion of an NXX for a single Customer with the remaining numbers in that NXX either reserved for future use or otherwise unused, if such Customer chooses to receive service from the other Party, the first party shall cooperate with the second Party to have the entire NXX reassigned (or subsequently re-assigned, in the case of the subsequent carrier changes) in the LERG (and associated industry databases, routing tables, etc.) to an End Office operated by the second Party. Such transfer will be accomplished with appropriate coordination between the Parties and subject to standard industry lead times for movements of NXXs from one switch to another.

35. **DIRECTORY LISTINGS -- SECTION 251(b)(3)**

35.1 Directory Listings. CBT, as publisher of its White Pages, will include Primary Listings of AWS's resale directory customers in its White Pages, and shall cause its publisher to include primary listings of AWS's directory customers in its Publisher's Yellow Pages Directories under the following terms and conditions:

35.1.1 CBT will publish the Primary Listing of AWS Directory Customers located within the geographic scope of its White Pages directory and will recover costs for both resale and facility based Customers in accordance with the Act.

35.1.2 Listings of AWS Directory Customers shall be interfiled with listings of Customers of CBT and other LECs serving the same geographic area where such listings are included within a directory.

35.1.3 CBT shall provide AWS with a copy of such listings prior to publication in such form and format as may be mutually agreed to by the Parties. Both Parties shall use their best efforts to ensure the accurate listing of such information.

35.1.4 CBT or its Publisher must receive all Primary Listings of AWS Directory Customers prior to the service order close date for the directory in which those listings are to appear. CBT or its Publisher will provide AWS with appropriate service order close dates within thirty (30) days of this information becoming available.

35.1.5 CBT may include, at a rate consistent with the Act, Primary Listings of AWS Directory Customers provided to CBT or its Publisher in other directories published by the Publisher.

35.1.6 Nothing in this Agreement shall restrict CBT's and its Publisher's authority from altering the geographic scope, directory life, headings, content or format of the directories. CBT and its Publisher will provide information on such alterations at the same time such information is provided to CBT.

35.1.7 CBT, shall include, in the customer information section of its White Pages Directory, information about AWS services, including addresses and telephone numbers for AWS Customer service. The form and content of such customer information shall be provided by AWS to CBT prior to the close date for the customer information section. The charge for the listing of such information will be calculated on the same basis as the charges paid by CBT for similar listings. CBT shall maintain editorial rights as well as control of the format and design of these pages. AWS will work directly with the Publisher to include customer information in the Publisher's Yellow Page Directory

35.2 Listing and Listing Updates. AWS will provide AWS Directory Customer Primary Listings and Listing Updates to CBT or its Publisher on a non-exclusive basis as follows:

35.2.1 AWS shall provide its AWS Directory Customer Primary Listings to CBT or its Publisher in a mutually agreeable form and format. AWS acknowledges that CBT or its Publisher may impose a charge for changes to AWS Directory Customer Primary Listings previously provided by AWS to CBT or its Publisher; however, in no event shall such charge be greater than the amount CBT charges its Customers and such charge shall be calculated in the same manner as Publisher charges CBT for such charge.

35.2.2 Within two (2) Business Day of installation, (unless changed by the Commission in the MTSS) disconnection or other change in service (including change of non-listed or non-published status) affecting the directory assistance database or the directory listing of an AWS Directory Customer, AWS shall provide Listing Updates to CBT in a form and format acceptable to CBT. CBT shall accept Listing Updates from AWS via facsimile.

35.2.3 AWS will cooperate with CBT or its Publisher to develop a cost-effective, mutually satisfactory, mechanized or electronic process for the provision of AWS's Listing Updates to CBT or its Publisher.

35.2.4 Subject to the rules, guidelines, and regulations of the Commission, Publisher or CBT may sell or license the use of Customer Listings, or Listing Updates to third persons without the prior written consent of AWS, provided, however, that neither Publisher nor CBT will:

- (a) disclose non-listed name and address information to any third person, except as may be necessary to undertake delivery of directories or to perform other services contemplated under this Agreement;
- (b) disclose to any third person the identity of a Customer's or resale Customer's LEC;
- (c) sell or license such Customer listing information sorted by carrier; or
- (d) disclose listing information for individual cases where AWS has notified CBT.

35.3 Directories Delivery. CBT will provide initial and secondary (replacement, additional or New Line orders) delivery of CBT's White Page Directory and shall cause its Publisher to provide initial and secondary (replacement additional or New Line orders) delivery of Yellow Page Directories to AWS Directory Customers under the same terms and conditions that CBT delivers to its customers. Timing of such delivery and determination of which Telephone Directories shall be delivered (by customer address, NPA NXX or other criteria) and the number of Telephone Directories to be provided per customer, shall be provided under the same terms that CBT delivers Telephone Directories to its own local service customers. Upon directory publication, CBT will arrange for the distribution of the directory to AWS Customers in the directory coverage area and shall recover directory delivery costs for both resale and facilities based customers in accordance with the Act.

35.4 Nondiscriminatory Formats. CBT shall make available to AWS Customers the same White Pages formats and shall cause its publisher to make available the same Yellow Pages format that CBT and its publisher provides to its retail Customers, at the same rates, terms and conditions.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed in their behalf on the date first set forth above.

Cincinnati Bell Telephone Company

By: _____

Christian Gartner
Vice President & General Manager – Carrier Services

AT&T Wireless Services, Inc.

By: _____

Kurt C. Maass
Vice President – Enterprise Support
Wireless Network Services

Attachment I

to

INTERCONNECTION AND TRAFFIC INTERCHANGE AGREEMENT

between

Cincinnati Bell Telephone Co.

and

AT&T Wireless Services, Inc.

Effective

* * * *

Intercept and Acknowledgment of Calls by AWS

- (1) AWS shall provide a voice intercept announcement or distinctive tone signals to the calling party when a call is directed to a number that is not assigned.
- (2) When AWS's System is not able to complete calls because of a malfunction in the terminal or other equipment, AWS shall either divert the call to its operator, or provide a recorded announcement to the calling party advising that the call cannot be completed.
- (3) AWS shall provide supervisory tones or voice announcements to the calling party on all calls, consistent with standard telephone industry practices.
- (4) AWS shall provide a voice intercept announcement to the calling party when a call from CBT's System is directed to a number that is unable to respond.

Attachment II

to

INTERCONNECTION AND TRAFFIC INTERCHANGE AGREEMENT

between

Cincinnati Bell Telephone Company

and

AT&T Wireless Services, Inc.

Effective

Facilities, Services and Charges

* * * *

I. Description and Application of Rates and Charges

There are three types of charges that may apply to CBT and AWS. These are monthly recurring rates, usage rates and nonrecurring charges.

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have thirty (30) days. Monthly rates apply to the Dedicated Trunk (DT) rate element for both Type 2A service and Type 2B service. The Parties agree that the monthly rates for DT's should be apportioned between AWS and CBT based on the appropriate percentage of two-way traffic that each Party originates. The Parties agree that for the first three (3) months of operation, 100% of the monthly rates will be apportioned to AWS with a true-up based on this three (3) month average of actual usage. The apportionment percentage will be revised every six (6) months, based on the previous six (6) months actual usage.

(B) Usage Rates

Usage rates are rates that apply only to W/L and L/W Traffic. These are applied on a per conversation minute basis. Conversation minute charges are accumulated over a monthly period. For Type 2A and Type 2B calls, the Party whose customer originates the call will compensate the Party who terminates the call for usage at the Type 2 Interconnection rates in IV (B) and V (A) below.

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges applied to the work activities on the following pages and defined below:

(1) Installation of Services

Nonrecurring charges apply to each service installed by one Party for use by the other Party. The Parties agree to apportion nonrecurring charges for shared Connecting Facilities and other equipment based on the percentage of allocation of monthly costs contained in Section I (A) of this attachment.

II. Measuring Conversation Minutes

For purposes of measuring conversation minutes, Type 2 traffic between the Parties' networks will be measured from "called party answer" to "called party disconnect."

III. Mileage Measurement

The mileage to be used to determine the monthly rate for the Dedicated Trunk (DT) rate element of Type 2A and Type 2B services is calculated on the airline distance between the two locations involved, i.e., between AWS's point of termination and CBT's tandems for Type 2A service, and between AWS's point of termination and CBT's end office for Type 2B service. The mileage to be used to determine the usage rate for the Common Trunk (CT) rate element of Type 2A service is calculated based on the airline distance between CBT's Tandem and CBT's End Office where the call carried over the CT originates or terminates.

Mileage is shown in the attachment following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

IV. Type 2 Interconnect for Wireless to Land (W/L) Traffic:

The following rates and charges for Type 2A and Type 2B interfaces are subject to change in accordance with the provisions of paragraph 5(b) of the agreement. For W/L calls where the AWS pays CBT for transport and termination of traffic, the following rates apply if the AWS chooses to purchase facilities from CBT:

(A) Dedicated Trunk¹:

(1) Voice Grade Trunks	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>		
- Per Trunk (4 Wire)	NONE	\$ 49.60		
Trunk (4 Wire)				
Mileage	Fixed			
<u>Band</u>	<u>Monthly</u>		<u>Per Mile</u>	
0	NONE		NONE	
Over 0-4	\$61.00		\$.64	
Over 4-8	\$61.00		\$.64	
Over 8-25	\$61.00		\$.64	
Over 25	\$61.00		\$.64	
(2) DS1 Facilities	Non- recurring	<u>Monthly</u>	36 <u>Month</u>	60 <u>Month</u>
- Per MercNET 1.5 (24 Trunks)	<u>Charge</u>	<u>Rate</u>	<u>Rate</u>	<u>Rate</u>
Standard Type 2A Access	NONE	\$135.79	\$129.00	\$122.21
FGD IC Access (for Originating and Terminating Traffic)	NONE	135.79	129.00	122.21
DS1 to Voice Multiplexing ²	NONE	285.45		

¹ Call allowances are not applicable under Type 2 interconnect (e.g. Directory Assistance Service).

² May not be necessary if working in Digital Offices.

- Mileage Charges Per MercNET 1.5:

<u>Mileage Band</u>	<u>Fixed Monthly</u>	<u>Per Mile</u>
0	NONE	NONE
Over 0-4	\$ 100.00	\$8.40
Over 4-8	\$ 100.00	\$8.40
Over 8-25	\$ 100.00	\$8.40
Over 25	\$ 100.00	\$8.40

(3) DS3 Facilities

- Per MercNET 45 (28 DS1)

	<u>Recurring Charges</u>		<u>Optional Payment Plan</u>	
	<u>Monthly³ Rate</u>	<u>36 Mo</u>	<u>60 Mo</u>	
-MercNET 45				
- 1st CT	\$1,500.00	\$ 1,200.00	\$ 1,000.00	
- 2nd CT	\$1,300.00	\$855.00	\$676.00	
- 3rd CT and above	\$1,151.00	\$836.00	\$654.00	

- All MercNET 45 CT's Nonrecurring Charge, each - NONE

	<u>Nonrecurring</u>	<u>Recurring</u>
DS3 to DS1 Multiplexing ⁴	None	\$678.02

	<u>Fixed Monthly</u>	<u>Per Mile</u>
Mileage Charge Per MercNET 45	\$760.00	\$69.58

³ Requires 12 month minimum agreement.

⁴ May not be necessary if working in Digital Offices.

(B) Type 2 Interconnection for W/L Traffic:

\$.0015 per minute from June 14, 2001 to December 13, 2001
 \$.0010 per minute from December 14, 2001 to June 13, 2003
 \$.0007 per minute from June 14, 2003 to June 13, 2004 or further
 FCC Order, whichever occurs later

V. Type 2 Interconnection for Land to Wireless (L/W) Traffic:

(A) Type 2 Interconnection for L/W Traffic:

\$.0015 per minute from June 14, 2001 to December 13, 2001
 \$.0010 per minute from December 14, 2001 to June 13, 2003
 \$.0007 per minute from June 14, 2003 to June 13, 2004 or further
 FCC Order, whichever occurs later

VI. For Type 1 Interconnect for W/L Use Only:

(A) Facilities to Connect End Offices with the MSC - Central Office Connecting Circuits: Access Channel

<u>Rate Element</u>	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
4 Wire Channel Termination-wireless, each ⁵ - For use with trunk unit	None	\$49.60

⁵ Tariff Reference: F.C.C. No. 35, Section 7

<u>Mileage Band</u>	<u>Fixed Monthly</u>	<u>Per Mile</u>
0	None	None
Over 0-4	\$61.00	\$0.64
Over 4-8	\$61.00	\$0.64
Over 8-25	\$61.00	\$0.64
Over 25	\$61.00	\$0.64

	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
Signaling Capability - Per point of termination ⁶	None	\$9.98

(B) Facilities to Connect MSC with the Various Cell Sites - Radio Landlines

These facilities are provided as private line channels. Any required intrastate channels (intraexchange or interexchange) or interstate channels would be provided in accordance with paragraph 5(b) preceding.

(C) For Type 1 Interconnection W/L Traffic from AWS's System:

MEASURED RATE SERVICES⁷

Exchange service is provided on a measured basis, i.e., billed for usage that varies depending upon the number, distance, duration, and time-of-day of originating calls. The usage rates are the same as those for Optional Measured Service as specified below in accordance with paragraph 5(b) preceding. Usage allowance credits are not applicable to this service.

⁶ Tariff Reference to F.C.C. No. 35, Section 7.

⁷ Tariff Reference: Exchange Rate Tariff, Section 1.

<u>Mileage</u> <u>Tier</u>	<u>Usage Rates</u>		<u>Discount Rates</u> ⁸	
	<u>Initial</u>	<u>Add'l</u>	<u>Initial</u>	<u>Add'l</u>
	<u>Min.</u>	<u>Min.</u>	<u>Min.</u>	<u>Min.</u>
1 (0 through 12 miles)	\$.060	\$.020	\$.030	\$.010
2 (13 through 26 miles)	.080	.040	.040	.020
3 (27 miles and over)	.120	.050	.060	.025

8 A 50% discount applies to:

- (1) Calls originated from 9:00 P.M. to but not including 8:00 A.M., on Monday through Friday.
- (2) Calls originated all day Saturday, Sunday and certain holidays. The holidays are New Year's Day (January 1), Independence Day (July 4), Christmas Day (December 25); and Labor Day and Thanksgiving Day (or their resulting legal holidays).

The appropriate Message Toll Service rates apply for originating calls to landline telephones not within the respective local service area.

VII. Type S Interconnect Service Rates and Charges

The following rates and charges for Type S interfaces are subject to change in accordance with the provisions of Paragraph 5 (b) of the agreement.

SS7 Common Channel Signaling Arrangement⁹

	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
STP Port Termination - Per Port	NONE	\$886.68
Signaling Link Channel Termination ¹⁰		
- Per MercNET 1.5	NONE	\$135.79
- Per 56 Kbps	NONE	\$ 70.00

⁹ Tariff Reference: FCC No. 35, Section 6.

¹⁰ One Channel Termination applies per Signaling Link.

Channel Mileage¹¹

- Per MercNET 1.5

- Fixed NONE \$100.00

- Per Mile NONE \$ 9.42

- Per 56 Kbps

- Fixed NONE \$ 60.72

- Per Mile NONE \$ 1.04

¹¹ Channel Mileage applies between Serving Wire Center and STP, but does not apply when mileage is zero.

VIII. Directory Listings For Fixed Wireless Customers

	RECURRING RATE	NONRECURRING CHARGE
Non-resale primary listings for customers served by AWS facilities or CBT unbundled elements	\$.42	
Other Listings	See CBT's General Exchange Tariff PUCO No.3	
Information Pages in the Customer Guide Section of Cincinnati Bell Area Alphabetical Directory	The charge for inclusion of AWS information pages in CBT directories will be assessed on the same basis as costs incurred by CBT for similar printing ¹²	

IX. E9-1-1 Service for Fixed Wireless Customers

	RECURRING RATE	NONRECURRING CHARGE
Rate Per End User Line	\$.12	
Optional Manual update (per hour)	\$33.58	

¹² For example, the 1997 cost for inclusion of a page in the customer guide section was \$.0015 per directory printed (1.3 Million), or \$1,950 per printed page. The cost per printed page is dependent upon costs, such as paper prices, in effect at the time of printing. In addition to the variable cost per printed page, there will be a fixed set up charge for formatting (1997 price was \$350 per page). If CLECs agree to share an information page, the per-page charge to each CLEC will be proportionately reduced.

Attachment III

to

INTERCONNECTION AND TRAFFIC INTERCHANGE AGREEMENT

between

Cincinnati Bell Telephone Company

and

AT&T Wireless Services, Inc.

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Trouble Reporting, Installation and Testing Procedures

- (a) In order to facilitate trouble reporting and to coordinate the repair of private line circuits (e.g., remote transmitter links) provided to AWS by CBT under this Agreement, CBT will designate a Maintenance Control Office (MCO) for such private line circuits.
- (b) Where new intraLATA private line circuits are installed, the MCO will ensure that continuity has been established and that appropriate transmission measurements have been made before advising AWS that the new circuit is ready for service.
- (c) AWS shall be provided with a direct trouble reporting number. This number will be AWS's or CBT's access to the location where its facility records are normally located and where current status reports on any trouble reports are readily available. Alternative out-of-hours procedures will be established as required to ensure access by the opposite Party to a location which is covered and has the authority to initiate corrective action expeditiously at the same priority as that for another local exchange company.
- (d) To minimize outages on CBT or AWS provided exchange access and private lines, it is important that effective trouble reporting and clearing procedures be established. To that end:
 - (1) When either Party reports a trouble condition, it will first have used its best efforts to isolate the trouble to the other's facilities. Each will also advise

the other of the usage sensitivity of the circuit and the need for expedited clearance.

- (2) In cases where a Party indicates essential or important subscriber usage on lines provided by the other, the latter will attempt to clear the trouble condition in a manner similar to its local procedures used to restore similar essential services.
- (3) CBT and AWS will make cooperative tests, as appropriate, to eliminate the necessity for either Party to dispatch personnel needlessly to distant unattended locations merely to isolate the trouble.

Attachment IV

to

INTERCONNECTION AND TRAFFIC INTERCHANGE AGREEMENT

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Cincinnati Bell Telephone Company

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AT&T Wireless Services, Inc.

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Maintenance of Service Charges

- (a) AWS obtains from CBT exchange access service lines terminating in AWS's equipment and intraLATA private line circuits connecting its control terminals to its transmitter/receiver sites. The maintenance of these facilities by CBT, via this contract, requires isolation of both CBT's and AWS's equipment and facilities for testing purposes. Both CBT and AWS believe that each carrier should be responsible for isolating and clearing troubles on its own system.
- (b) AWS and CBT recognize that maintenance charges need not be applied if each carries out its proper function and has therefore agreed to implement, on a trial basis, a procedure which will eliminate these charges.
- (c) Under this procedure when discovering trouble in its service, CBT or AWS will respond to the trouble reported by isolating the problem to its own or the others system. Each will clear the trouble in its own system prior to handing off the trouble to the other. However, if either Party feels that the other is abusing the trouble reporting system and causing the other unreasonable or inordinate time and expense to find troubles which are ultimately determined to be in the reporting Party's system, the aggrieved Party may institute a maintenance charge, in accordance with the following procedure.
 - (1) Should one Party believe that the other is not carrying out its responsibilities to isolate and clear troubles on its own system prior to reporting troubles to the other, the aggrieved Party should notify the other

in writing that the accepted trouble reporting practices and procedures are being abused, with specific illustration of the abuse, and that the aggrieved Party intends to assess maintenance charges for any further abuses that occur.

- (2) Upon receipt of the written notice by the other Party, both Parties will meet as soon as possible to review the problem and take corrective action.
- (3) If the Parties are unable to resolve the dispute, the aggrieved Party will give written notice that it intends to implement maintenance charges by a specific date, but not less than ten (10) days from the date of such notice.
- (4) No maintenance charge shall be instituted without the prior approval of the Public Utilities Commission of Ohio.

ATTACHMENT V

to

INTERCONNECTION AND TRAFFIC INTERCHANGE AGREEMENT

between

Cincinnati Bell Telephone Company

and

AT&T Wireless Services, Inc.

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Transit Traffic
Interim Rates

CBT agrees to transit local calls from AWS to third party carriers within both the LATA and the MTA. AWS will compensate CBT for each minute of use transited at the following rates:

	<u>Per MOU</u>	<u>Per MOU Per Mile</u>
Tandem Switching	\$.0025	-
Tandem Switched Transport	\$.0006	\$.0001

ATTACHMENT VI

to

INTERCONNECTION AND TRAFFIC INTERCHANGE AGREEMENT

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Cincinnati Bell Telephone Company

and

AT&T Wireless Services, Inc.

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* * * *

CBT Unbundled Element Information

SCHEDULE 30.2.1

LOCAL LOOPS

CBT will provide unbundled loops in accordance with the following procedures. Specifications for conditioning, performance, acceptance limits and immediate action limits will be in accordance with accepted industry standards.

1.0 “Two Wire Analog Voice Grade Loops”

1.1 Two Wire Analog Voice Grade Loops are capable of supporting POTS or POTS- like services utilizing a copper pair or derived analog voice grade channel.

1.2 Two wire Analog Voice Grade Loop must be ordered before additional conditioning options apply. Additional conditioning will be considered incremental in functionality and price to the basic link.

2.0 “Two Wire ISDN BRI 160 Kbps Digital Loop”

2.1 Two Wire ISDN BRI Loops are capable of supporting a digital transmission of two 64 Kbps bearer channels and one 16 Kbps data channel (2B+D).

2.2 The loops will be qualified to determine how the Basic 2-wire Analog VG Link is to be configured to support ISDN BRI services.

3.0 “Two Wire HDSL Compatible Loop”

3.1 Two Wire HDSL Loops are capable of providing the transmission of a 768 Kbps digital signal.

3.2 The Loops will be provided in areas where non-loaded, twisted pair is available. Loops will be conditioned to allow use of HDSL specifically supporting Adtran HDSL central office and customer premises equipment.

4.0 “Four Wire HDSL Compatible Loop”

4.1 Four Wire HDSL Loops are capable of providing the transmission of a 1.544 Mbps digital signal.

4.2 The Loops will be provided in areas where non-loaded, twisted pair is available. Loops will be conditioned to allow use of HDSL specifically supporting Adtran HDSL central office and customer premises equipment.

SCHEDULE 30.2.2

UNBUNDLED ACCESS TO NETWORK INTERFACE DEVICES

CBT's Network Interface Device ("NID") is a network element that utilizes one or more cross-connect devices to connect loop facilities to inside wiring.

CBT will permit AWS to connect AWS's loop to a portion or all of the inside wiring of the Customer's premises through CBT's NID, where necessary. AWS must establish the connection to CBT's NID through an adjoining NID, which serves as the network interface or demarcation for AWS's loop.

Maintenance and control of premises (inside wiring) is under the control of the Customer. Any conflicts between service providers for access to the Customer's inside wire must be resolved by the Customer.

SCHEDULE 30.2.3

INTEROFFICE TRANSMISSION FACILITIES

Interoffice Transmission Facilities are CBT transmission facilities dedicated to a particular Customer or carrier, or shared by more than one Customer or carrier, that provide telecommunications services between Wire Centers/Switching Centers owned by CBT or AWS, or between Switches owned by CBT or AWS.

1.0 CBT provides several varieties of unbundled Interoffice Transmission Facilities:

1.1 Unbundled dedicated interoffice transport facility (“Dedicated Transport”) is a dedicated facility connecting two CBT Central Office buildings via CBT transmission equipment. In each Central Office building, AWS will Cross-Connect this facility to its own transmission equipment (physically or virtually) Collocated in each Wire Center. All applicable digital Cross-Connect, multiplexing, and Collocation space charges apply at an additional cost.

1.2 **“Unbundled dedicated entrance facility”** is a dedicated facility connecting CBT's transmission equipment in a CBT Central Office with AWS's transmission equipment in AWS's Switching Center for the purposes of providing telecommunications services.

1.3 **“Common Transport”** is an interoffice transmission path between CBT network elements shared by carriers. Where CBT network elements are connected by intra office wiring, such wiring is provided as a part of the network elements and is not Common Transport. Common Transport consists of CBT inter office transport facilities and is a distinct rate element but cannot be provisioned separate from local or tandem switching.

2.0 CBT shall offer Interoffice Transmission Facilities in each of the following ways:

2.1 As a dedicated transmission path (e.g., DS1, DS3, OC3, OC12 and OC48).

2.2 Common Transport, as described in Section 1.3 above.

3.0 Where Dedicated Transport or Common Transport is provided, it shall include (as appropriate):

3.1 The transmission path at the requested speed or bit rate.

3.2 The following optional features are available, if requested by AWS, at additional cost:

3.2.1 Clear Channel Capability per 1.544-Mbps (DS1) bit stream;

3.2.2 CBT-provided Central Office multiplexing.

(a) DS3 to DS1 multiplexing; and

(b) DS1 to Voice/Base Rate/128-, 256-, 384-Kbps Transport;
multiplexing

3.3 If requested by AWS, the following are available at an additional costs:

1 + 1 Protection for OC3, OC12 and OC48;

1 + 1 Protection with Cable Survivability for OC3, OC12 and OC48;

1 + 1 Protection with Route Survivability for OC3, OC12 and OC48.

4.0 Technical Requirements. This Section sets forth technical requirements for all Interoffice Transmission Facilities.

4.1 When CBT provides Dedicated Transport as a circuit, the entire designated transmission facility (e.g., DS1, DS3, and OC3) shall be dedicated to AWS-designated traffic.

4.2 CBT shall offer Interoffice Transmission Facilities in all then-currently available technologies, including DS1 and DS3 transport systems, SONET Unidirectional Path Switched Rings, and SONET point-to-point transport systems (including linear add-drop systems), at all available transmission bit rates, except subrate services, where available.

4.3 For DS1 facilities, Interoffice Transmission Facilities meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office "CI to CO" connections in the applicable technical references.

4.4 For DS3 facilities, and higher rate facilities, Interoffice Transmission Facilities shall meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office "CI to CO" connections in the applicable technical references.

4.5 Any request by AWS for diversity shall be subject to additional charges.

4.6 CBT shall offer the following interface transmission rates for Interoffice Transmission Facilities:

DS1 (Extended SuperFrame - ESF and D4);

DS3 (M13 shall be provided);

SCHEDULE 30.2.4

SIGNALING NETWORKS AND CALL-RELATED DATABASES

1.0 Signaling Transfer Points. A Signaling Transfer Point (STP) is a signaling network function that includes all of the capabilities provided by the signaling transfer point switches (STPSs) and their associated signaling links which enable the exchange of SS7 messages among and between switching elements, database elements and signaling transfer point switches.

1.1 Technical Requirements.

1.1.1 STPs shall provide access to all other network elements connected to CBT SS7 network. These include:

- (a) CBT Local Switching or Tandem Switching;
- (b) CBT Service Control Points/Databases;
- (c) Third-party local or tandem switching systems; and
- (d) Third-party-provided STPSs.

1.1.2 The connectivity provided by STPs shall fully support the functions of all other network elements connected to the CBT SS7 network. This explicitly includes the use of the CBT SS7 network to convey messages which neither originate nor terminate at a Signaling End Point directly connected to the CBT SS7 network (*i.e.*, transit messages). When the CBT SS7 network is used to convey transit messages, there shall be no alteration of the Integrated Services Digital Network User Part (ISUP) or Transaction Capabilities Application Part (TCAP) user data that constitutes the content of the message.

1.1.3 If a CBT Tandem Switch routes calling traffic, based on dialed or translated digits, on SS7 trunks between an AWS local switch and third-party local switch, the CBT SS7 network shall convey the TCAP messages that are necessary to provide Call Management features (Automatic Callback, Automatic Recall, and Screening List Editing) between the AWS local STPSs and the STPSs that provide connectivity with the third-party local switch, even if the third-party local switch is not directly connected to CBT STPSs, based on the routing instruction provided in each message.

1.1.4 STPs shall provide the following functions of the MTP as defined in the applicable industry standards:

- (a) Signaling Data Link functions;
- (b) Signaling Link functions; and
- (c) Signaling Network Management functions.

1.1.5 STPs shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service, as specified in ANSI T1.112. In particular, this includes Global Title Translation (GTT) and SCCP Management procedures, as specified in the applicable standards. In cases where the destination signaling point is a CBT local or tandem switching system or

database, or is an AWS or third-party local or tandem switching system directly connected to the CBT SS7 network, STPs shall perform final GTT of messages to the destination and SCCP Subsystem Management of the destination. In all other cases, STPs shall perform intermediate GTT of messages to a gateway pair of STPSs in an SS7 network connected with the CBT SS7 network, and shall not perform SCCP Subsystem Management of the destination.

1.1.6 If and when made available by CBT, STPs shall provide all functions of the OMAP commonly provided by STPSs. This includes:

- (a) MTP Routing Verification Test (MRVT); and
- (b) SCCP Routing Verification Test (SRVT).

1.1.7 In cases where the destination signaling point is a CBT local or tandem switching system or database, or is an AWS or third-party local or tandem switching system directly connected to the CBT SS7 network, STPs shall perform MRVT and SRVT to the destination signaling point. In all other cases, STPs shall perform MRVT and SRVT to a gateway pair of STPSs in an SS7 network connected with the CBT SS7 network.

1.1.8 STPs shall be based upon the following performance standards:

- (a) MTP Performance, as specified in ANSI T1.111.6; and
- (b) SCCP Performance, as specified in ANSI T1.112.5.

1.2 Signaling Link Transport.

1.2.1 Definition. Signaling Link Transport is a set of two (2) or four (4) dedicated 56-Kbps transmission paths between AWS-designated Signaling Points of Interconnection (SPOI) that provides appropriate physical diversity.

Technical Requirements.

1.2.2 Signaling Link Transport shall consist of full duplex mode 56-Kbps transmission paths.

1.2.3 Of the various options available, Signaling Link Transport shall perform in the following two (2) ways:

- (a) As an “A-link,” which is a connection between a switch or SCP and a Signaling Transfer Point Switch (STPS) pair; and
- (b) As a “D-link,” which is a connection between two (2) STP mated pairs in different company networks (e.g., between two (2) STPS pairs for two Competitive Local Exchange Carriers (CLECs)).

1.2.4 Signaling Link Transport layers shall consist of two (2) or more signaling link layers as follows:

- (a) An A-link layer shall consist of two (2) links;
- (b) A D-link layer shall consist of four (4) links.

1.2.5 A signaling link layer is designed to satisfy a performance objective such that:

- (a) There shall be no more than two (2) minutes down time per year for an A-link layer; and
- (b) There shall be negligible (less than two (2) seconds) down time per year for a D-link layer.

1.2.6 A signaling link layer shall to the extent physically reasonable satisfy interoffice and intraoffice diversity of facilities and equipment, such that:

- (a) No single failure of facilities or equipment causes the failure of both links in an A-link layer (*i.e.*, the links should be provided on a minimum of two (2) separate physical paths end-to-end); and
- (b) No two (2) concurrent failures of facilities or equipment shall cause the failure of all four (4) links in a D-link layer (*i.e.*, the links should be provided on a minimum of three (3) separate physical paths end-to-end).

1.2.7 Interface Requirements. There shall be a DS1 (1.544 Mbps) interface at the AWS-designated SPOI. Each 56 Kbps transmission path shall appear as a DS0 channel within the DS1 interface.

2.1 Unbundled AIN Application Access.

2.1.1 CBT will provide AWS access to CBT's service package applications (SPAs) on its own AIN SCP through query access over the SS7 network. Such access will enable AWS (whether it purchases unbundled switching capabilities from CBT or owns its own SSP (Service Switching Point) to offer its Customers AIN services without first having to deploy a full AIN infrastructure within its own networks. Unbundled AIN Applications Access provides for the AIN functionality necessary for the day-to-day ongoing call processing associated with a specific AIN applications execution. This includes the SS7 transport and SCP processing of the query associated with the specific service.

2.1.2 AWS shall be responsible for assuring the compatibility of its AIN SSP software generics with CBT AIN Applications and SCP software releases. Interconnection of the AWS SSP with the CBT SS7 network is required, and can be accomplished in a number of ways as described in Section 1 of this Schedule 30.2.4.

2.1.3 Activation of the desired application at the CBT SCP requires subscription by both the ordering carrier AWS and the end-user. In general, AIN operations require close cooperation between CBT and the requesting carrier.

2.1.4 The SSP and SCP vendors provide logical capabilities which CBT uses to create each AIN service. The SSP and SCP vendors have no detailed knowledge of the specific AIN Applications that CBT has created. CBT's AIN deployment is based on AIN 0.1.

2.2 CBT will provide AWS access to its AIN Service Creation Environment (SCE) at parity with such access it provides to affiliates or other carriers, to enable AWS to create new AIN services on CBT's SCP. Such services, once loaded on CBT's network SCPs will only be used in conjunction with SS7 TCAP queries from AWS's own SSP.

2.3 CBT will provide AWS access to its Service Management System, at parity with such access it provides to affiliates or other carriers, for the purpose of provisioning customer specific information in service package applications on CBT's SCP.

SCHEDULE 30.2.5

OPERATIONS SUPPORT SYSTEMS FUNCTIONS

- 1.0 Pre-Ordering, Ordering and Provisioning. CBT will use the interface described in Section 4.0 for access to operations support systems functions necessary to perform the pre-ordering, ordering, and provisioning functions (e.g., order entry, telephone number selection and due date selection).
- 2.0 Maintenance and Repair. CBT will use the interface described in Section 4.0 for access to operations support systems functions necessary to perform the maintenance and repair functions (e.g., trouble receipt and trouble status).
- 3.0 Billing. CBT will provide appropriate usage data to AWS to facilitate Customer billing with attendant acknowledgments and status reports and exchange information to process claims and adjustments.
- 4.0 Electronic Interface for Pre-Ordering, Ordering and Provisioning. CBT will provide an electronic interface for the transfer and receipt of data necessary to perform the pre-ordering, ordering and provisioning functions (e.g., order entry, telephone number selection and due date selection) associated with resale services and Unbundled network elements, to the extent applicable. The interface will be administered through a gateway that will serve as a single point of contact for the transmission of such data. This gateway will provide for equivalent functionality for pre-ordering, ordering and provisioning as CBT uses in its provision of retail services for the above functions. The interface will be consistent with the Alliance for Telecommunications Industry Solutions (ATIS), Telecommunications Industry Forum (TCIF), and Electronic Data Interchange (EDI) Customer Service Guideline, issue 5.

SCHEDULE 30.4

PROVISIONING OF NETWORK ELEMENTS

1.0 General Provisioning Requirements.

1.1 Subject to the terms of Section 30, AWS may order and/or request network elements individually.

1.2 CBT shall provide provisioning services to AWS during Normal Business Hours on Business Days. AWS may request CBT to provide Saturday, Sunday, holiday, and/or off-hour provisioning services. If AWS requests that CBT perform provisioning services at times or on days other than as required in the preceding sentence, CBT shall provide such services based on time and materials charges for all CBT personnel involved as set forth in the Pricing Schedule.

1.3 CBT shall provide a CLEC Service Center (LEC-C) for ordering and provisioning contacts and order flow involved in the purchase and provisioning of CBT's unbundled network elements. The LEC-C shall provide an electronic interface for all ordering and provisioning order flows, but may use a paper or fax process until electronic interfaces between CBT and AWS have been tested and are fully operational . The LEC-C shall provide to AWS a telephone number (operational during Normal Business Hours on Business Days.), which will be answered by capable staff trained to resolve problems in connection with the provisioning of network elements or Combinations. The LEC-C is responsible for order acceptance, order issuance and return of the Firm Order Commitment ("FOC") to AWS as specified in this Schedule 30.4.

1.4 CBT will recognize AWS as the Customer of Record of all network elements and agreed-to Combinations ordered by AWS and will send all notices, invoices and pertinent Customer information directly to AWS.

1.5 As soon as identified, CBT shall provide notification of AWS orders that are incomplete or incorrect and therefore cannot be processed.

1.6 CBT shall reject and return to AWS any order that CBT cannot provision, and in its reject notification provide an error code identifying the reasons for which the order was rejected.

1.7 Service Order Changes

1.7.1 If an installation or other AWS-ordered work requires a change from the original AWS service order in any manner, CBT shall call AWS in advance of performing the installation or other work to obtain authorization. CBT shall then provide AWS an estimate of additional labor hours and/or materials. After all installation or other work is completed, CBT

shall notify AWS of actual labor hours and/or materials used in accordance with regular service order completion schedules.

1.7.2 If AWS requests a change in due date or changes the content of an order it has provided to CBT, service order change charges as specified in the Pricing Schedule will apply.

2.0 Unbundled Local Loop Transmission

2.1 Access to Unbundled Local Loops.

2.1.1 AWS shall access CBT's Unbundled Local Loops via Collocation or in accordance with Section 30 of this Agreement at the CBT Wire Center where that element exists and each Loop shall be delivered to AWS's Collocation by means of a Cross-Connection, which shall be an additional charge.

2.1.2 CBT shall provide AWS access to its unbundled Loops at each of CBT's Wire Centers. In addition, if AWS requests one or more Loops serviced by Integrated Digital Loop Carrier or Remote Switching technology deployed as a Loop concentrator, CBT shall, where available, move the requested Loop(s) to a spare, existing physical Loop at no charge to AWS. If, however, no spare physical Loop is available, CBT shall within forty-eight (48) hours of AWS's request notify AWS of the lack of available facilities. AWS may then at its discretion make a Bona Fide Request for CBT to provide the unbundled Loop through the demultiplexing of the integrated digitized Loop(s). Notwithstanding anything to the contrary in this Agreement, the CBT network element Performance Benchmarks set forth in Schedule 30.8 of this Agreement shall not apply to unbundled Loops provided under this Section 2.1.2.

2.2 Provisioning of Unbundled Loops. AWS shall request unbundled Loops from CBT by delivering to CBT a valid electronic transmittal service order (a "Service Order") using the electronic interface. Within one (1) Business Day of CBT's receipt of a Service Order, CBT shall provide AWS the FOC date and installation date of the unbundled Loops per the standard intervals set forth in Schedule 30.8 of this Agreement by which the Loop(s) covered by such Service Order will be installed.

3.0 Network Interface Device Capability.

3.1 CBT will provide AWS access to NIDs in a manner that will permit AWS to connect its loop facilities to the Customer's inside wiring through CBT's NID, as required. AWS shall establish this connection through an adjoining NID provided by AWS.

3.2 Due to the wide variety of NIDs utilized by CBT (based on Customer size and environmental considerations), AWS may access the Customer's inside wire by any of the following means:

3.2.1 Where an adequate length of inside wire is present and environmental conditions permit, AWS may remove the inside wire from CBT's NID and connect that wire to AWS's NID;

3.2.2 Enter the Customer access chamber or “side” of “dual chamber” NID enclosures for the purpose of extending a connecterized or spliced jumper wire from the inside wire through a suitable “punch-out” hole of such NID enclosures;

3.2.3 Enter CBT's loop terminal enclosure located at a multiple dwelling unit (“MDU”) for the purpose of accessing Customer premises inside wire and extending such wire to AWS's own adjoining NID; or

3.2.4 Request CBT to make other rearrangements to the inside wire terminations or terminal enclosure on a time and materials cost basis to be charged to the requesting Party (i.e., AWS, its agent, the building owner or the Customer).

3.3 If AWS accesses the Customer's inside wire as described in Section 3.2.4 above, the time and materials charges will be billed to the requesting Party (i.e., AWS, the building owner or the Customer).

3.4 In no case shall AWS remove or disconnect CBT's loop facilities from CBT's NIDs, enclosures, or protectors.

3.5 In no case shall AWS remove or disconnect ground wires from CBT's NIDs, enclosures, or protectors.

3.6 Maintenance and control of premises wiring (inside wire) is the responsibility of the Customer. Any conflicts between service providers for access to the Customer's inside wire must be resolved by the Customer.

3.7 Due to the wide variety of NID enclosures and outside plant environments, CBT will work with AWS to develop specific procedures to establish the most effective means of implementing this Section 3.0.

4.0 Interoffice Transmission Facilities.

CBT shall:

4.1 Provide AWS exclusive use of Interoffice Transmission Facilities dedicated to AWS, or use of the features, functions, and capabilities of Interoffice Transmission Facilities shared by more than one Customer or carrier, including AWS;

4.2 Provide all technically feasible transmission facilities, features, functions, and capabilities that AWS could use to provide telecommunications services;

4.3 Permit, to the extent technically feasible, AWS to connect such interoffice facilities to equipment designated by AWS, including AWS's Collocated facilities.

5.0 Signaling Networks and Call-Related Databases

5.1 Signaling Networks.

5.1.1 If AWS purchases Switching Capability from CBT, CBT shall provide access to its signaling network from that switch in the same manner in which CBT obtains access to such switch itself.

5.1.2 If AWS has its own switching facilities, CBT shall provide AWS access to STPs to each of AWS's switches, in the same manner in which CBT connects one of its own switches to an STP, or in any other technically feasible manner (e.g., bringing an "A" link from AWS's switch to AWS's STP, or linking AWS's switch to its own STP and then connecting that STP to CBT's STP via a "B" or "D" link); provided that CBT shall not be required to (i) unbundle the signaling link connecting SCPs to STPs, (ii) permit direct linkage of AWS's own STPs to CBT's switch- or call-related databases or (iii) unbundle an SCP from its associated STP.

5.1.3 The Parties shall agree upon appropriate mediation facilities and arrangements for the Interconnection of their signaling networks and facilities, as necessary to adequately safeguard against intentional and unintentional misuse of the signaling networks and facilities of each Party. Such arrangements shall provide at a minimum:

- Certification that AWS's switch is compatible with CBT's SS7 network;
- Certification that AWS's switch is compatible with CBT's AIN SCP;
- Certification that AWS's switch is compatible with a desired AIN application residing on CBT's SCP;
- Agreement on procedures for handling maintenance and troubleshooting related to AIN services;
- Usage of forecasts provided by AWS, so that CBT can provide sufficient SS7 resources for AWS and all other requesting carriers;
- Mechanisms to control signaling traffic at agreed-upon levels, so that CBT's SS7 resources can be fairly shared by all requesting carriers;
- Mechanisms to restrict signaling traffic during testing and certification, as necessary to minimize risks to the service quality experienced by Customers served by CBT's network and those of other carriers while compatibility and interconnection items are verified; and
- Mechanisms to ensure protection of the confidentiality of Proprietary Information of both carriers and Customers.

5.2 Call-Related Databases.

5.2.1 For purposes of switch query and database response through a signaling network, CBT shall provide AWS access to its call-related databases, as described in Schedule 30.2.4 by means of physical access at the STP linked to the unbundled database.

5.2.2 The Parties shall agree upon appropriate mediation facilities arrangements for the Interconnection of their signaling networks, databases, and associated facilities, as

necessary to adequately safeguard against intentional and unintentional misuse of the signaling networks and facilities of each Party. Such arrangements shall provide for at a minimum:

- Capabilities to protect each Party's information;
- Agreements on handling maintenance and troubleshooting related to AIN services;
- Usage forecasts provided by AWS so that CBT can provide sufficient resources for other requesting carriers, and capabilities to ensure that the Parties abide by such forecasts;
- Procedures to ensure, prior to deployment, that each service will properly operate within CBT's network;
- Procedures to verify proper deployment of each service in the network; and
- Mechanisms to ensure protection of the confidentiality of proprietary information of both carriers and customers.

5.3 Service Management Systems.

5.3.1 CBT shall provide AWS with the information necessary to enter correctly, or format for entry, the information relevant for input into CBT's Service Management System ("SMS"). In addition, CBT shall provide AWS equivalent access to design, create, test, and deploy Advanced Intelligent Network-based services at the SMS.

5.3.2 CBT shall provide AWS with the information necessary to enter correctly, or format for entry, the information relevant for input into its SMS. Access will be provided in an equivalent manner to that which CBT currently uses to provide such access to itself (e.g., submitting magnetic tapes if AWS inputs magnetic tapes, or through an electronic interface equivalent to that used by AWS). The Committee shall set forth in the Implementation Plan the terms and conditions relating to such access. If the Committee is unable to agree to appropriate mediation mechanisms with respect to access to the AIN SMSs and SCEs, the Parties shall adopt the mechanisms adopted by the Commission.

5.3.3 CBT shall provide access to its SMS in a manner that complies with the CPNI requirements of Section 222 of the Act.

SCHEDULE 30.8

NETWORK ELEMENT STANDARD INTERVALS

A. Standard Intervals for specific types of individual network elements:

Unbundled Loops

1. Two-Wire Analog Voice Grade Loops (POTS)

Volume: *

1-24 Loops

5 Business Days

25+ Loops

Negotiated

2. Two-Wire Analog Voice Grade Loops (Qualified/Conditioned)

Volume: *

1-10 Loops

7 Business Days

11-20 Loops

10 Business Days

21+ Loops

Negotiated

3. Two Wire ISDN BRI 160 KBPS Digital Loop 10 Business Days

4. Two Wire HDSL Compatible Loop Negotiated

5. Four Wire HDSL Compatible Loop Negotiated

Unbundled Interoffice Transmission Facilities

1. DS1 Interoffice Transmission Facilities

(a) Facilities Available

7 Business Days

(b) Facilities or Force Not Available

Negotiated

2. DS3 Interoffice Transmission Facilities Negotiated

3. OC-N Interoffice Transmission Facilities Negotiated

* Number of individual network elements on a single Order, with requirement that separate orders are required for each specific customer premises for Unbundled Loops and NID.

EXHIBIT B

PRICING BANDS BY CBT WIRE CENTER (CO)

OHIO

<u>BAND</u>	<u>WIRE CENTER</u>	<u>BAND</u>	<u>WIRE CENTER</u>
<u>1 - MOST DENSE</u>	209 W 7th Street	<u>2 - MIDDLE DENSITY</u>	Batavia
	Avondale		Goshen
	Cherry Grove		Hamilton
	Cheviot		Hamlet
	Covedale		Harrison
	Crescentville		Loveland
	Evendale		Miami
	Fairfield		Milford
	Glendale		Sayler Park
	Groesbeck		Tobasco
	Hartwell		West Chester
	Hyde Park		
	Madisonville		
	Montgomery		
	Mt Healthy	<u>3 -RURAL</u>	Bethel
	Mt Washington		New Richmond
	North Greenhills		Newtonsville
	Northside		Reily
	Norwood		Seven Mile
	Price Hill		Shandon
	Rossmoyne		Williamsburg
	St Bernard		
	Westwood		

PRICING BANDS BY CBT WIRE CENTER (CO)

KENTUCKY

<u>BAND</u>	<u>WIRE CENTER</u>	<u>BAND</u>	<u>WIRE CENTER</u>
<u>1 - MOST DENSE</u>	Covington Florence Ft. Thomas Lakeside Park	<u>3 -RURAL</u>	Alexandria Burlington Independence Union Walton
<u>2 - MIDDLE DENSITY</u>	(none)	<u>4 - SOUTHERN COUNTIES</u>	Butler Crittenden Falmouth Glencoe Warsaw Williamstown