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May 23, 2002

Ms. Blanca S. Bayo, Director
Division of the Commission Clerk
and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

RECEIVED-FPSC
02 MAY 23 AM 11:31
COMMISSION
CLERK

Re: Docket No. *020465-TP*
Petition of Verizon Florida Inc. for Approval of Amendment No. 2 to
Interconnection Agreement with AT&T Wireless Services, Inc.

Dear Ms. Bayo:

Please find enclosed an original and five copies of Verizon Florida Inc.'s Petition for Approval of Amendment No. 2 to Interconnection Agreement with AT&T Wireless Services, Inc. The amendment consists of a total of 11 pages. Service has been made as indicated on the Certificate of Service. If there are any questions regarding this matter, please contact me at (813) 483-2617.

Very truly yours,

KC Kimberly Caswell

KC:tas
Enclosures

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RJM
FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE
05506 MAY 23 02
FPSC-COMMISSION CLERK

AMENDMENT NO. 2

to the

INTERCONNECTION AGREEMENT

by and between

VERIZON FLORIDA INC.

f/k/a

GTE FLORIDA INCORPORATED

and

AT&T WIRELESS SERVICES, INC.

FOR FLORIDA

This Amendment No. 2 (this "Amendment") is made this 4th day of April, 2002 (the "Effective Date") by and between AT&T Wireless Services, Inc., ("AWS"), a Delaware corporation with offices at 7277 164th Avenue NE, Redmond, WA 98052, and Verizon Florida Inc., f/k/a GTE Florida Incorporated ("Verizon"), a Florida corporation with offices at 201 N. Franklin St., Tampa, FL 33602-5167, (each of Verizon and AWS being individually, a "Party" and, collectively, the "Parties").

WITNESSETH:

WHEREAS, Verizon and AWS are Parties to an Interconnection Agreement under Sections 251 and 252 of the Telecommunications Act of 1996 approved by the Florida Public Service Commission ("Commission") on December 13, 1999 (the "Interconnection Agreement");

WHEREAS, the Federal Communications Commission has, in FCC Docket 94-102, ordered that providers of commercial mobile radio services make available certain E-9-1-1 services, and has established clear and certain deadlines by which said service must be available.

WHEREAS, the Parties desire to provide AWS with access to the E-9-1-1 network systems and databases established and maintained by Verizon in a technically and economically efficient manner sufficient to enable AWS to provide E-9-1-1 service to its end user customers; and

WHEREAS, the Parties wish to enter into an agreement that will allow AWS to provide E-9-1-1 to its end user customers using the systems and databases established and maintained by Verizon on terms that are fair and equitable to both Parties;

NOW, THEREFORE, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Interconnection Agreement as follows:

Article V, Section 2.3 of the Interconnection Agreement is deleted in its entirety.
Article VI, attached hereto, is added to the Interconnection Agreement.
Appendix C, attached hereto, is added to the Interconnection Agreement.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed as of the Effective Date.

AT&T WIRELESS SERVICES, INC.

VERIZON FLORIDA, INC.
F/K/A GTE FLORIDA INCORPORATED

By: Kurt C. Maass

By: Jeffrey A. Masoner

Printed: Kurt C. Maass

Printed: Jeffrey A. Masoner

Title: Vice President

Title: Vice - President Interconnection
Services Policy & Planning

Date: 4-18-02

Date: 4/22/02

**ARTICLE VI
911/E-911 ARRANGEMENTS**

1. Wireless 911/E-911 Arrangements

- 1.1 Definitions. The following definitions are applicable in this Section:
- 1.1.1 "Alternate PSAP" is the PSAP designated by the controlling 911 authority to receive a 911 Call in the event the selective router is unable to complete the 911 Call to the Designated PSAP because the PSAP trunks are busy or out of service. A Designated PSAP may have one or more alternates, depending upon the network architecture and local provisions.
 - 1.1.2 "Automatic Location Identification (ALI) Database" means the emergency services (E911) database containing caller location information including the carrier name, NENA ID, Call Back Number, Routing Number, Cell Site/Sector Information, and other carrier information used to process caller location records.
 - 1.1.3 "AWS Wireless End User" means any person or entity receiving service on the AWS Wireless System.
 - 1.1.4 "Call Back Number" means the MDN or other number that can be used by the PSAP to call back the AWS Wireless End User.
 - 1.1.5 "Cell Sector" means a geographic area defined by AWS (according to AWS's own radio frequency coverage data), and consisting of a certain portion or all of the total coverage area of a Cell Site.
 - 1.1.6 "Cell Site" means the AWS fixed radio transmitting and receiving facilities associated with the origination and termination or wireless traffic from/to the AWS Wireless End User.
 - 1.1.7 "Cell Site/Sector Information" means information that indicates to the receiver of the information the Cell Site location receiving a 911 Call made by the AWS Wireless End User, and which may also include additional information regarding a Cell Sector.
 - 1.1.8 "Controlling 911 Authority," means the duly authorized State, County or Local Government Agency empowered by law to oversee the 911 services, operations and systems within a defined jurisdiction.
 - 1.1.9 "Default PSAP" is the PSAP designated to receive a 911 Call in the event the 911 Tandem Office/Selective Router is unable to determine the Designated PSAP.
 - 1.1.10 "Designated PSAP" means the primary PSAP designated by the Controlling 911 Authority to receive a 911 Call based upon the geographic location of the Cell Site.
 - 1.1.11 "Host ALI Record" means a data record resident in the primary i.e., host, ALI system for a PSAP.

- 1.1.12 "NCAS" means Non-Call Path Associated Signaling.
- 1.1.13 "PAM Protocol" means the bi-directional ALI-to-ALI real-time steering interface which supports intersystem queries. This interface allows an ALI database serving a PSAP to query a second ALI database for ALI data that is not resident in the ALI Database serving the PSAP.
- 1.1.14 "PSAP" means public safety answering point.
- 1.1.15 "Routing Number" is a number used to support the routing of wireless 911 Calls. It may identify a wireless Cell Sector or PSAP to which the call should be routed. In NCAS, the Routing Number (identified in standard documents as Emergency Services Routing Key "ESRK") is a ten-digit number translated and outputted from a Cell Sector identifier at the service control point that routes the 911 Call to the appropriate PSAP. The Routing Number is also the search-key from a PSAP query to an ALI database for a Host ALI Record with a matching Routing Number.
- 1.1.16 "911 Call Taker" means the PSAP telecommunicator receiving a 911 Call.
- 1.1.17 "911 Call(s)" means a call made by the AWS Wireless End User by dialing the three digit telephone number "911" (and, as necessary, pressing the "Send" or analogous transmitting button) on a wireless handset to facilitate the reporting of an emergency requiring response by a public safety agency.

2. 911/E911 Arrangements for CMRS

- 2.1 The terms of this Section apply to the provision of 911/E911 services by Verizon to AWS in respect to CMRS services that do not constitute Fixed Wireless Services.
- 2.2 To the extent the Parties are required to negotiate additional terms to address Phase II requirements, the Parties agree to negotiate to amend this Agreement to address such requirements.
- 2.3 AWS may, at its option in accordance with applicable law or regulation, interconnect to the Verizon 911 Tandem Office(s)/Selective Router(s) or interface points, e.g. digital cross connect systems (DCS), as appropriate, that serve the areas in which AWS provides commercial mobile radio services, for the provision of 911/E911 services and for access to all subtending Public Safety Answering Points (PSAP). In such situations, Verizon will provide AWS with the appropriate CLLI codes and specifications of the 911 Tandem Office/Selective Router serving area. In areas where E-911 is not available, AWS and Verizon will negotiate arrangements to connect AWS to the 911 service in accordance with Applicable Law.
- 2.4 Notwithstanding anything contained herein to the contrary, the respective obligations of the Parties contained in this Section are not effective as to a particular 911 jurisdiction until AWS notifies Verizon in writing that it has received a request from the Controlling 911 Authority to provide E-911 service within a jurisdiction served by Verizon. Upon receipt of such a notice from AWS, the

Parties shall promptly implement the respective obligations of the Parties contained in this Section.

- 2.5 All path and route Interconnections for 911/E-911 shall be made diverse as necessary and as required by law or regulation.
- 2.6 Within thirty (30) days of its receipt of a complete and accurate request from AWS, to include all required information and applicable forms, and to the extent authorized by the relevant federal, state, and local authorities, Verizon will provide AWS, where Verizon offers 911 service, with the following, if applicable:
 - 2.6.1 a list of the address and CLLI code of each 911/E-911 Tandem Office(s)/Selective Router(s) in the area in which AWS plans to offer CMRS services that do not constitute Fixed Wireless Services;
 - 2.6.2 a list of appropriate Verizon contact personnel who currently have responsibility for operations and support of 911/E-911 network and database systems,
 - 2.6.3 identification of any special 911 Trunking requirements for each 911/E-911 Tandem Office(s)/Selective Router(s), where applicable and available, and;
 - 2.6.4 prompt return of any AWS 911/E-911 data entry files containing errors, so that AWS may ensure the accuracy of the Customer records and resubmit to Verizon as necessary.
- 2.7 Electronic Interface
 - 2.7.1 AWS shall use, where available, the appropriate Verizon electronic interface, through which AWS shall input and provide a daily update (or as necessary) of 911/E-911 database information related to appropriate cell/sector location information associated with each face of the cellsite. In those areas where an electronic interface is not available, AWS shall provide Verizon with all appropriate 911/E-911 information via facsimile for Verizon's entry into the 911/E-911 database system. Any 911/E-911 related data exchanged between the Parties prior to the availability of an electronic interface shall conform to Verizon standards, whereas 911/E-911-related data exchanged electronically shall conform to the National Emergency Number Association (NENA) standards.
 - 2.7.2 Notwithstanding the above, AWS may use a third party for the electronic interface with Verizon.
- 2.8 911/E911 General
 - 2.8.1 911 Interconnection

Verizon and AWS shall each use commercially reasonable efforts to facilitate the prompt, robust, reliable and efficient interconnection of AWS systems to the 911/E-911 platforms and/or systems.
 - 2.8.2 911 Facilities

AWS shall be responsible for providing facilities from the AWS Mobile Switching Center to the 911/E911 Tandem Office(s)/Selective Router(s) or appropriate interface points, e.g. digital cross connect systems (DCS).

2.8.4 911 Authority Coordination

Verizon and AWS will work cooperatively to arrange meetings with the Controlling 911 Authorities to answer any technical questions the PSAPs, or county or municipal coordinators may have regarding the 911/E-911 arrangements.

2.8.5 Routing Numbers

Verizon shall supply to AWS Routing Numbers from a given line range associated with a local NPA/NXX codes to support deployment of E-911 service in Florida.

2.8.6 911 Rules and Regulations

AWS and Verizon will comply with all applicable rules and regulations (including 911 taxes and surcharges as defined by Applicable Law) pertaining to the provision of 911/E-911 services.

2.9 NCAS

2.9.1 Trunking

2.9.1.1 Notwithstanding anything contained in this Agreement to the contrary, Verizon shall provide AWS with a minimum of two (2) dedicated Type 2C trunks diversely routed for the provision of E 911 services.

2.9.2 Routing

2.9.2.1 Routing of calls will be based on the Routing Number (aka ESRK) delivered with the voice call. Verizon will route the voice portion of the 911 call and its corresponding ESRK to the Designated PSAP. If Verizon is unable to route to the Designated PSAP due to the PSAP trunks being busy or out of service, Verizon will route the call to an Alternate PSAP(s) or busy tone, as directed by the Controlling 911 Authority. If Verizon is unable to route the call to the Designated PSAP due to a failure in delivery of the Routing Number, Verizon will route the call to a Default PSAP designated by the Controlling 911 Authority and provided to Verizon by AWS. Both Parties' network architecture and routing responsibilities will be in accordance with Applicable Law.

2.9.3 Data

2.9.3.1 Upon receipt of a PSAP query to a Verizon-controlled ALI Database to obtain the Call Back Number and Cell Site/Sector Information for a 911 Call, the Verizon-controlled ALI Database shall route the query to the AWS-

controlled ALI Database designated by AWS.

2.9.3.2 The Verizon-controlled ALI Database shall then automatically receive from the AWS-controlled ALI Database the Routing Number, Call Back Number and Cell Site/Sector Information associated with the 911 Call.

2.9.3.3 The Verizon-controlled ALI Database shall then transmit the data received from the AWS-controlled database to the PSAP within a time period at parity with the transmission rates in response to similar queries to the Verizon-Controlled ALI Database for 911 calls originating from wireless carriers other than AWS.

2.9.4 Miscellaneous

2.9.4.1 Verizon shall permit AWS to terminate two frame relay circuits from an AWS-controlled ALI Database to the Verizon ALI Database site(s). AWS shall provide diverse connections to the Verizon ALI Database site(s).

2.9.4.2 Verizon shall place necessary Customer Service Unit/Data Service Unit ("CSU/DSU") at each Verizon ALI Database site, for the provision of the Routing Number, Call Back Number, Cell Site/Sector Information.

2.9.4.3 Verizon and AWS shall provision their respective ALI Databases such that the exchange of data between each shall use the PAM Protocol or other agreed upon interface.

2.9.5 Compensation

AWS shall pay for services and facilities ordered pursuant to a service order and provided by Verizon pursuant to this Agreement at the rates set forth in Appendix C attached hereto and made a part of this Agreement. Notwithstanding any term or condition of the Agreement to the contrary, AWS shall pay no additional charges or rates for services and facilities ordered pursuant to this Agreement except as set forth in Appendix C.

3. General Provisions

3.1 Maintenance

3.1.1 Verizon shall maintain the Verizon E-911 system in accordance with Applicable Law. AWS shall maintain the AWS E-911 system in accordance with Applicable Law.

3.1.2 Verizon shall provide AWS with a minimum of ninety (90) days advance notification of any of the following:

3.1.2.1 Modifications or changes to any selective router that serves an AWS Wireless End User that will require any modification or change to the AWS wireless system necessary to maintain

E-911 service.

3.1.2.2 Modifications or changes to any ALI database to which AWS has terminated any packet data circuits. These modifications or changes include, but are not limited to, any modifications or changes that materially affect the manner in which the ALI database receives, stores or transmits data, and that will require any modification or change to the AWS wireless system necessary to maintain E-911 service.

3.1.3 AWS shall provide Verizon with a minimum of ninety (90) days advance notification of any of the following:

3.1.3.1 Modifications or changes to the AWS wireless system which may materially impact or require any modification or change to the Verizon E-911 system and the provision of E-911 service to the AWS wireless end user under this Agreement.

3.1.3.2 Modifications or changes to any ALI database to which AWS has terminated any packet data circuits. These modifications or changes include, but are not limited to, any modifications or changes that materially affect the manner in which the ALI database receives, stores or transmits data, and that will require any modification or change to the Verizon E-911 system necessary to maintain E-911 service.

3.2 Trouble Notification and Service Restoration

3.2.1 In order to facilitate trouble reporting and to coordinate the repair of facilities and trunks provided by the Parties, AWS and Verizon shall provide a SPOC ("Single Point of Contact") for E-911 Service to report via a toll free telephone number maintenance issues and trouble reports twenty four (24) hours a day and seven (7) days a week. Verizon and AWS shall each provide additional escalation contact lists with appropriate personnel. These contact lists shall include name, department, title, phone number and fax number for each person. AWS and Verizon agree to exchange up-to-date lists as reasonably necessary.

3.2.2 AWS and Verizon shall call such toll free telephone numbers to report trouble with facilities and trunks to inquire as to status of trouble reports and to escalate trouble resolution.

3.2.3 Each party shall respond to E-911 trouble reports on a priority basis over other non-E-911 trouble reports. Restoration of service or repair shall begin promptly upon receipt of an E-911 trouble report.

3.2.4 The Parties shall maintain their respective facilities or trunks such that they maintain a grade of service for the voice portion of the E-911 Call equal to the Applicable Law. In the event of the failure of their facilities or trunks that results in degradation of the grade of service for the voice portion of the E-911 Call that falls below the Service Standard, the Parties guarantee the restoration of their facilities or trunks, as the case may be, to the Applicable Law.

- 3.2.5 In the event either (i) Verizon's ALI Database or Selective Router, or (ii) the AWS-controlled ALI Database or MSC becomes substantially or completely inoperable, the Party whose system is inoperable will use its best efforts to provide the other Party with verbal notification thereof promptly after learning of such occurrence.
- 3.3 Equipment/Circuit Monitoring
- 3.3.1 Each Party shall monitor the equipment it provides for E-911 service at all times and consistent with Applicable Law. Verizon shall monitor trunks between the Selective Router and all associated PSAPs. AWS shall monitor trunks between the MSC and Selective Router, as well as the circuits between the SCP and the AWS-controlled ALI Database. The Parties shall mutually agree whether each of their respective ALI Databases shall be either the client or server, for purposes of the data connection between the AWS-controlled ALI database and the Verizon-Controlled ALI Database. The Party whose ALI Database is designated by such agreement as the client shall monitor the circuits between the AWS-controlled ALI Database and the Verizon-Controlled ALI Database.
- 3.4 Relocation of Selective Router/MSC
- 3.4.1 Verizon shall provide AWS with notification of any pending Selective Router moves or PSAP rehomings no later than ninety (90) days in advance of such moves. AWS shall provide Verizon with notification of any pending MSC moves no later than ninety (90) days in advance of such moves.
- 3.5 Testing
- 3.5.1 Prior to the initiation of any service under this Agreement, the Parties shall establish and fully test all data and voice links between the MSC and Selective Router through to the PSAP and between the SCP and the Verizon-controlled ALI Database.
- 3.6 Compliance with Laws and Regulations
- 3.6.1 Each Party shall comply with all Applicable Law including, without limitation and to the extent otherwise applicable, all state tariffs filed of record in the Operating Area. The foregoing notwithstanding and except as expressly agreed to herein by the parties, the terms and conditions of this Agreement shall control over any inconsistent state tariffs subsequently filed by Verizon, subject only to a specific order of the Commission which directs otherwise.
- 3.7 Survival
- 3.7.1 Subject to any applicable statutes of limitation or statutes of repose, any obligations of a Party for acts or omissions prior to the cancellation or termination of this Agreement, and any other provisions of this Agreement (excluding indemnification) which, by their terms, are contemplated to survive (or to be performed after) termination of this Agreement, shall survive cancellation or termination.

3.8 Waiver

3.8.1 In addition to Article III, section 46, any waiver shall be in writing and signed by the Party against whom enforcement is sought.

3.9 DISCLAIMER

3.9.1 EXCEPT AS OTHERWISE SPECIFICALLY PROVIDED IN THIS AMENDMENT AND IN ADDITION TO THE DISCLAIMER SET FORTH IN THE AGREEMENT, NEITHER PARTY MAKES ANY REPRESENTATIONS OR WARRANTIES CONCERNING THE ACCURACY OR COMPLETENESS OF ANY DATA OR INFORMATION FURNISHED.

3.10 Governing Law

3.10.1 This Amendment shall be governed by and construed in accordance with applicable federal law and the domestic laws of the state where the Services are provided or the facilities reside and, subject to the alternative dispute resolution provisions of the Agreement, shall otherwise be subject to the exclusive jurisdiction of the courts therein.

3.11 Multiple Counterparts

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

APPENDIX C
RATES AND CHARGES FOR E911

	<u>Nonrecurring Charge</u>	<u>Monthly Recurring Charge</u>
DS1	Tariff	Tariff
DS0 911 Trunk	Tariff	Tariff
E911 Selective Router Ports		
Ports		
Per Trunk	\$260.00	\$30.00
ALI Database Services		
Centralized ALI Port		
Per System	\$200.00	\$62.00
(for third party data – Note 1)		
ALISA	\$200.00	\$62.00
HP 3000 CO	\$200.00	\$63.44
PS ALI Software		
Per Package	\$640.00	\$20.00
ALI Gateway/DMARCS Service	\$135.00	\$36.00
Selective Router Boundary Maps		
Per Map	\$125.00	n/a
MSAG Copies via Diskette/Email		
Per County		
First Copy Per Order	\$276.00	n/a
Additional Copy on the same Order as the First Copy	\$37.00	n/a

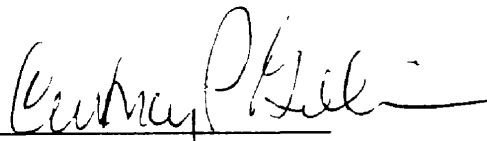
Note 1: Includes one port each into both primary and secondary Centralized ALI system. Circuits from third party database to Centralized ALI system, 9.6k or higher, to be provided by AWS.

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of Verizon Florida Inc.'s Petition For Approval of Amendment No. 2 to Interconnection Agreement with AT&T Wireless Services, Inc. was sent via overnight delivery(*) on May 22, 2002 and via U.S. mail(**) on May 23, 2002 to:

Staff Counsel(*)
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

AT&T Wireless Services, Inc.(**)
Attention: Jill Mounsey
7277 164th Avenue NE
Redmond, WA 98052



Kimberly Caswell
cc