

APPENDIX 911

TABLE OF CONTENTS

INTRODUCTION.....1

DEFINITIONS2

AT&T-13STATE RESPONSIBILITIES3

CLEC RESPONSIBILITIES4

RESPONSIBILITIES OF BOTH PARTIES5

METHODS AND PRACTICES.....6

CONTINGENCY.....7

BASIS OF COMPENSATION8

LIABILITY9

APPENDIX 911

1. INTRODUCTION

- 1.1 This Appendix sets forth terms and conditions by which the applicable AT&T Inc. (AT&T)-owned Incumbent Local Exchange Carrier (ILEC) will provide CLEC with access to the applicable AT&T-owned ILEC's 911 and E911 Databases and provide interconnection and Call Routing for purposes of 911 call completion to a Public Safety Answering Point (PSAP) as required by Section 251 of the Act.
- 1.2 The Parties acknowledge and agree that AT&T-13STATE can only provide E911 Service in territory where an AT&T-13STATE is the E911 network provider, and then only that E911 service configuration as purchased by the E911 Authority or PSAP. AT&T-13STATE's E911 Selective Routers and E911 Database Management System are by mutual agreement being provided on an "as is" basis.
- 1.3 For CLECs with their own switches, AT&T-13STATE shall provide access to its E911 Selective Routers as described herein only where the PSAP and/or E911 Authority served by the E911 Selective Routers has approved CLEC to carry E911 Emergency Services calls, which approval is subject to being revoked, conditioned, or modified by the PSAP and/or E911 Authority at any time.

2. DEFINITIONS

- 2.1 "**911 System**" means the set of network, database and customer premise equipment (CPE) components required to provide 911 service.
- 2.2 "**911 Trunk**" means a trunk capable of transmitting Automatic Number Identification (ANI) associated with a call to 911 from CLEC's End Office to the E911 system.
- 2.3 "**Automatic Location Identification**" or "**ALI**" means the automatic display at the PSAP of the caller's telephone number, the address/location of the telephone and, in some cases, supplementary emergency services information.
- 2.4 "**Automatic Number Identification**" or "**ANI**" means the telephone number associated with the access line from which a call to 911 originates.
- 2.5 "**Company Identifier**" or "**Company ID**" means a three to five (3 to 5) character identifier chosen by the Competitive Local Exchange Carrier (CLEC) that distinguishes the entity providing dial tone to the End-User. The Company Identifier is maintained by NENA in a nationally accessible database.
- 2.6 "**Database Management System**" or "**DBMS**" means a system of manual procedures and computer programs used to create, store and update the data required to provide Selective Routing and/or Automatic Location Identification for 911 systems.
- 2.7 "**E911 Authority**" means a municipality or other state or local government unit, or an authorized agent of one or more municipalities or other state or local government units to whom authority has been lawfully delegated to respond to public emergency telephone calls, at a minimum, for emergency police and fire services through the use of one telephone number, 911.
- 2.8 "**E911 Universal Emergency Number Service**" (also referred to as "**Expanded 911 Service**" or "**Enhanced 911 Service**") or "**E911 Service**" means a telephone exchange communications service whereby a public safety answering point (PSAP) answers telephone calls placed by dialing the number 911. E911 includes the service provided by the lines and equipment associated with the service arrangement for the answering, transferring, and dispatching of public emergency telephone calls dialed to 911. E911 provides completion of a call to 911 via dedicated trunking facilities and includes Automatic Number Identification (ANI), Automatic Location Identification (ALI), and/or Selective Routing.
- 2.9 "**Emergency Services**" means police, fire, ambulance, rescue, and medical services.

- 2.10 **"Emergency Service Number" or "ESN"** means a three to five digit number representing a unique combination of emergency service agencies (Law Enforcement, Fire, and Emergency Medical Service) designated to serve a specific range of addresses within a particular geographical area. The ESN facilitates selective routing and selective transfer, if required, to the appropriate PSAP and the dispatching of the proper service agency(ies).
- 2.11 **"National Emergency Number Association" or "NENA"** means the National Emergency Number Association is a not-for-profit corporation established in 1982 to further the goal of "One Nation-One Number". NENA is a networking source and promotes research, planning, and training. NENA strives to educate, set standards and provide certification programs, legislative representation and technical assistance for implementing and managing 911 systems.
- 2.12 **"Public Safety Answering Point" or "PSAP"** means an answering location for 911 calls originating in a given area. The E911 Authority may designate a PSAP as primary or secondary, which refers to the order in which calls are directed for answering. Primary PSAPs answer calls; secondary PSAPs receive calls on a transfer basis. PSAPs are public safety agencies such as police, fire, emergency medical, etc., or a common bureau serving a group of such entities.
- 2.13 **"Selective Routing" and "Selective Router"** means the routing and equipment used to route a call to 911 to the proper PSAP based upon the number and location of the caller. Selective routing is controlled by an ESN, which is derived from the location of the access line from which the 911 call was placed.

3. AT&T-13STATE RESPONSIBILITIES

- 3.1 AT&T-13STATE shall provide and maintain such equipment at the 911 Selective Router and the DBMS as is necessary to provide CLEC E911 Emergency Services at parity with that of AT&T-13STATE retail end users. AT&T-13STATE shall provide CLEC access to the AT&T-13STATE 911 System as described in this section.
- 3.2 Call Routing
- 3.2.1 AT&T-13STATE will route 911 calls from the AT&T-13STATE Selective Router to the designated primary PSAP or to designated alternate locations, according to routing criteria specified by the PSAP.
- 3.2.2 AT&T-13STATE will forward the calling party number (ANI) it receives from CLEC and the associated 911 Address Location Identification (ALI) to the PSAP for display. If no ANI is forwarded by CLEC, AT&T-13STATE will forward an Emergency Service Central Office (ESCO) identification code for display at the PSAP. If ANI is forwarded by the CLEC, but no ALI record is found in the E911 DBMS, AT&T-13STATE will report this "No Record Found" condition to the CLEC in accordance with NENA standards.
- 3.3 Facilities and Trunking
- 3.3.1 AT&T-13STATE shall provide and maintain sufficient dedicated E911 trunks from AT&T-13STATE's Selective Router to the PSAP of the E911 Authority, according to provisions of the appropriate state Commission-approved tariff and documented specifications of the E911 Authority.
- 3.3.2 AT&T-13STATE will provide facilities to interconnect the CLEC to the AT&T-13STATE Selective Router, as specified in the applicable AT&T-13STATE Special Access tariff. Additionally, when diverse facilities are requested by CLEC, AT&T-13STATE will provide such diversity where technically feasible, at standard AT&T-13STATE Special Access Tariff rates.
- 3.3.3 AT&T-13STATE shall provision 911 trunks within intervals outlined in on-line documentation, or such shorter time as may be established by law, rule, regulation, or Commission of F.C.C. order. prior to placing a trunk in service AT&T-13STATE and CLEC shall cooperate in testing to assure proper functioning of the E911 system for calls delivered over the trunk.

3.4 Database

- 3.4.1 Where AT&T-13STATE manages the E911 Database, AT&T-13STATE shall provide CLEC access to the E911 Database to store CLEC's End User 911 Records [that is, the name, address, and associated telephone number(s) for each of CLEC's End Users. CLEC or its representative(s) is responsible for electronically providing End User 911 Records and updating this information.
- 3.4.2 Where AT&T-13STATE manages the E911 Database, AT&T-13STATE shall coordinate access to the AT&T-13STATE DBMS for the initial loading and updating of CLEC End User 911 Records.
- 3.4.3 Where AT&T-13STATE manages the E911 Database, AT&T-13STATE's E911 Database shall accept electronically transmitted files that are based upon NENA standards. Manual (i.e. facsimile) entry shall be utilized only in the event that the DBMS is not functioning properly.
- 3.4.4 Where AT&T-13STATE manages the E911 Database, AT&T-13STATE shall provide CLEC with a file containing the Master Street Address Guide (MSAG) at prices outlined in the Price Schedule, which covers CLEC's respective exchanges or communities. The MSAG will be provided on a routine basis as outlined in the Price Schedule. The MSAG will specify valid address ranges covering areas served by CLEC. Such files will be provided in electronic format (either via email or CD).
- 3.4.5 Where AT&T-13STATE manages the E911 Database, AT&T-13STATE shall manage NPA splits and overlays by populating the DBMS with the appropriate NPA codes.

3.5 General

- 3.5.1 AT&T-13STATE shall, in a timely fashion, provide CLEC with a description of the geographic area (or Rate Center) and PSAPs served by the E911 SR (Selective Router).
- 3.5.2 For 911 service, AT&T-13STATE will provide to CLEC a list of each municipality that subscribes to 911 service. The list will also provide, for network routing purposes.
- 3.5.3 AT&T-13STATE shall provide the following information to CLEC, and shall promptly notify CLEC of any changes:
- (1) AT&T-13STATE processes and requirements for ordering trunks for 911 service and interconnection to the 911 tandem or selective router.
 - (2) Trunk group specifications.
 - (3) E911 Tandem CLLI codes, circuit IDs, point codes, LEC order number, and TS (Two Six) code and address.
 - (4) As available, Trunk Group Design Guide ("TGDG") will be provided to CLEC (via CLEC On-line documentation). The TGDG will provide specific information on Selective Routers for each rate center/NPA-NXX to assist CLEC in designing its 911 trunk groups.
 - (5) Lists of rate centers in which DBMS Management and selective routing for E911 calls is provided by different entities for different portions of the same rate center, where AT&T-13STATE is the E911 Service Provider. This information may be incorporated into the TGDG as one is available.
 - (6) ALI interface information and access to the DBMS sufficient, to allow CLEC to provide services to its own End Users equivalent to the ALI services provided by AT&T-13STATE for its End Users.
 - (7) Maintenance procedures for 911 trunk groups, including, but not limited to contact names and numbers, escalation lists, the hours that maintenance is available, and the 8YY number that AT&T-13STATE provides for access to 24x7 support for 911 arrangements. AT&T-13STATE shall provide, via CLEC On-line documentation, contact names and numbers, escalation lists and the hours that maintenance is available. AT&T-13STATE will provide timely notification of changes to any of these requirements.

4. CLEC RESPONSIBILITIES

- 4.1 Call Routing (for CLECs with their own switches)
 - 4.1.1 CLEC will transport 911 calls from each point of interconnection (POI) to the AT&T-13STATE Selective Router location.
 - 4.1.2 CLEC will forward the ANI information of the party calling 911 to the AT&T-13STATE 911 Selective Router.
- 4.2 Facilities and Trunking (for CLECs with their own switches)
 - 4.2.1 CLEC shall provide interconnection with each AT&T-13STATE 911 Selective Router that serves the exchange areas in which CLEC is authorized to and will provide telephone exchange service.
 - 4.2.2 CLEC acknowledges that its End Users in a single local calling scope may be served by different Selective Routers and CLEC shall be responsible for providing interconnection facilities to route 911 calls from its End Users to the proper E911 Selective Router.
 - 4.2.3 CLEC shall provide a minimum of two (2) one-way outgoing E911 trunk(s) dedicated for originating 911 emergency service calls from the point of interconnection (POI) to interconnect to each AT&T-13STATE 911 Selective Router, where applicable. Where SS7 connectivity is available and required by the applicable E911 Authority, the Parties agree to implement Common Channel Signaling trunking rather than CAMA MF trunking.
 - 4.2.3.1 CLEC is responsible for providing a separate E911 trunk group for each county or other geographic area that the CLEC serves if the E911 Authority for such county or geographic area has a specified varying default routing condition. Where PSAPs do not have the technical capability to receive 10-digit ANI, E911 traffic must be transmitted over a separate trunk group specific to the underlying technology. In addition, where MF CAMA trunks are employed, 911 traffic originating in one (1) NPA (area code) must be transmitted over a separate 911 trunk group from 911 traffic originating in any other NPA (area code) .
 - 4.2.4 CLEC shall maintain facility transport capacity sufficient to route 911 traffic over trunks dedicated for 911 interconnection between the CLEC switch and the applicable AT&T-13STATE Selective Router(s).
 - 4.2.5 CLEC shall provide sufficient trunking to route CLEC's originating 911 calls to the designated AT&T-13STATE 911 Selective Router.
 - 4.2.6 A diverse (i.e. separate) 911 Trunk is recommended and may be required by the E911 Authority or State PUC. If required by the E911 Authority or State PUC, diverse 911 Trunks shall be ordered in the same fashion as the primary 911 Trunks. CLEC is responsible for initiating trunking and facility orders for diverse routes for 911 interconnection.
 - 4.2.7 CLEC is responsible for determining the proper quantity of trunks and transport facilities from its switch(es) to interconnect with the AT&T-13STATE 911 Selective Router.
 - 4.2.8 CLEC shall engineer its 911 trunks to attain a minimum P.01 grade of service as measured using the "busy day/busy hour" criteria or, if higher, at such other minimum grade of service as required by Applicable Law.
 - 4.2.9 CLEC shall monitor its 911 trunks for the purpose of determining originating network traffic volumes. If CLEC's traffic study indicates that additional 911 trunks are needed to meet the current level of 911 call volumes, CLEC shall provision additional 911 trunks for interconnection with AT&T-13STATE.
 - 4.2.10 CLEC is responsible for the isolation, coordination and restoration of all 911 facility and trunking maintenance problems from CLEC's demarcation (for example, collocation) to the AT&T-13STATE 911 Selective Router(s). CLEC is responsible for advising AT&T-13STATE of the 911 trunk identification and the fact that the trunks are dedicated for 911 traffic when notifying AT&T-13STATE

of a failure or outage. The Parties agree to work cooperatively and expeditiously to resolve any 911 outage. AT&T-13STATE will refer network trouble to CLEC if no defect is found in AT&T-13STATE's 911 network. The Parties agree that 911 network problem resolution will be managed expeditiously at all times.

4.3 Database (applicable to all CLECs)

- 4.3.1 Once the 911 interconnection between CLEC and all appropriate AT&T-13STATE Selective Router(s) has been established and tested, CLEC or its representatives shall be responsible for providing CLEC's End User 911 Records to AT&T-13STATE for inclusion in AT&T-13STATE's DBMS on a timely basis.
- 4.3.2 CLEC or its agent shall provide initial and ongoing updates of CLEC's End User 911 Records that are MSAG-valid in electronic format based upon established NENA standards.
- 4.3.3 CLEC shall adopt use of a Company ID on all CLEC End User 911 Records in accordance with NENA standards. The Company ID is used to identify the carrier of record in facility configurations.
- 4.3.4 CLEC is responsible for providing AT&T-13STATE updates to the E911 database; in addition, CLEC is responsible for correcting any errors that may occur during the entry of their data to the AT&T-13STATE 911 DBMS.

5. RESPONSIBILITIES OF BOTH PARTIES

- 5.1 For CLECs with their own switch(es), both parties shall jointly coordinate the provisioning of transport capacity sufficient to route originating E911 calls from the CLEC's POI to the designated AT&T-13STATE 911 Selective Router(s).
 - 5.1.1 AT&T-13STATE and CLEC will cooperate to promptly test all trunks and facilities between CLEC's network and the AT&T-13STATE Selective Router(s). CLEC agrees that it will not pass live traffic until successful testing is completed by both Parties.
- 5.2 Except under extraordinary circumstances, AT&T-13STATE will provide a minimum of five business days notice prior to performing network changes which will cause the CLEC's customers to lose E911 service. Where network changes in AT&T-13STATE's network impact the CLEC's 9-1-1 network, the CLEC will work cooperatively with AT&T-13STATE to ensure such network changes are accomplished successfully.
- 5.3 911 Surcharge Remittance to PSAP
 - 5.3.1 For CLECs with their own switch(es), the Parties agree that:
 - 5.3.1.1 AT&T-13STATE is not responsible for collecting and remitting applicable 911 surcharges or fees directly to municipalities or government entities where such surcharges or fees are assessed by said municipality or government entity, and
 - 5.3.1.2 AT&T-13STATE is not responsible for providing the 911 Authority detailed monthly listings of the actual number of access lines, or breakdowns between the types of access lines (e.g., residential, business, payphone, Centrex, PBX, and exempt lines).
 - 5.4.2 For CLEC Resellers, except where state law requires the ILEC to serve as a clearinghouse between Resellers and PSAPs, the Parties agree that:
 - 5.4.2.1 CLEC shall be responsible for collecting and remitting all applicable 911 fees and surcharges on a per line basis to the appropriate PSAP or other governmental authority responsible for collection of such fees and surcharges.
 - 5.4.2.2 AT&T-13STATE shall include Reseller CLEC information when providing the 911 Authority with detailed monthly listings of the actual number of access lines, or breakdowns between the types of access lines (e.g., residential, business, payphone, Centrex, PBX, and exempt lines).

6. METHODS AND PRACTICES

- 6.1 With respect to all matters covered by this Appendix, each Party will comply with all of the following to the extent that they apply to access to 911 and E911 Databases: (i) all FCC and applicable state Commission rules and regulations, (ii) any requirements imposed by any Governmental Authority other than a Commission, (iii) the terms and conditions of AT&T-13STATE's Commission-ordered tariff(s) and (iv) the principles expressed in the recommended standards published by NENA.

7. CONTINGENCY

- 7.1 The terms and conditions of this Appendix represent a negotiated plan for providing access to 911 and E911 Databases, and provide interconnection and call routing for purposes of 911 call completion to a Public Safety Answering Point (PSAP) as required by Section 251 of the Act.
- 7.2 The Parties agree that the 911 System is provided herein is for the use of the E911 Authority, and recognize the authority of the E911 Authority to establish service specifications and grant final approval (or denial) of service configurations offered by AT&T-13STATE and CLEC. These specifications shall be documented in Exhibit I, CLEC Serving Area Description and E911 Interconnection Details. CLEC shall complete its portion of Exhibit I and submit it to AT&T-13STATE not later than forty-five (45) days prior to the passing of live traffic. AT&T-13STATE shall complete its portion of Exhibit I and return Exhibit I to CLEC not later than fifteen (15) days of receipt of completed Exhibit I from the CLEC.
- 7.3 Where E911 Authorities require their approval prior to allowing service to be activated, the CLEC will submit to AT&T-13STATE completed approval forms from the appropriate E911 Authority(s) that have jurisdiction in the area(s) in which CLEC's End Users are located. AT&T-13STATE will activate service within five (5) business days of receipt of such approvals.
- 7.4 Each Party has designated a representative who has the authority to complete additional Exhibit(s) I to this Appendix when necessary to accommodate expansion of the geographic area of CLEC into the jurisdiction of additional PSAP(s) or to increase the number of CAMA trunks. CLEC must obtain approval of each additional Exhibit I, as set forth in Section 7.2, and shall furnish documentation of all requisite approval(s) of each additional Exhibit I in accordance with Section 7.2.
- 7.5 In AT&T-2STATE and AT&T MIDWEST REGION 5-STATE the state specific forms shall be submitted in lieu of the Exhibit 1 referenced in Sections 7.1, 7.2 and 7.4 hereof.

8. BASIS OF COMPENSATION

- 8.1 Rates for access to 911 and E911 Databases, interconnection and call routing of E911 call completion to a Public Safety Answering Point (PSAP) as required by Section 251 of the Act are set forth in AT&T-13STATE's Appendix Pricing or applicable AT&T-13STATE Commission-approved access tariff.

9. LIABILITY

- 9.1 AT&T-13STATE's liability and potential damages, if any, for its gross negligence, recklessness or intentional misconduct, is not limited by any provision of this Appendix. AT&T-13STATE shall not be liable to CLEC, its End Users or its E911 calling parties or any other parties or persons for any Loss arising out of the 911 System or any errors, interruptions, defects, failures or malfunctions of the 911 System, including any and all equipment and data processing systems associated therewith. Damages arising out of such interruptions, defects, failures or malfunctions of the system after AT&T-13STATE has been notified and has had reasonable time to repair, shall in no event exceed an amount equivalent to any charges made for the service affected for the period following notice from CLEC until service is restored.
- 9.2 CLEC's liability and potential damages, if any, for its gross negligence, recklessness or intentional misconduct is not limited by any provision of this Appendix. In the event CLEC provides E911 Service to AT&T-13STATE, CLEC shall not be liable to AT&T-13STATE, its End Users or its E911 calling parties or any other parties or persons for any Loss arising out of the provision of E911 Service or any errors, interruptions, defects, failures or malfunctions of E911 Service, including any and all equipment and data

- processing systems associated therewith. Damages arising out of such interruptions, defects, failures or malfunctions of the system after CLEC has been notified and has had reasonable time to repair, shall in no event exceed an amount equivalent to any charges made for the service affected for the period following notice from AT&T-13STATE until service is restored.
- 9.3 CLEC agrees to release, indemnify, defend and hold harmless AT&T-13STATE from any and all Loss arising out of AT&T-13STATE providing CLEC access to the 911 System hereunder or out of CLEC's End Users' use of the 911 System, whether suffered, made, instituted or asserted by CLEC, its End Users, or by any other parties or persons, for any personal injury or death of any person or persons, or for any loss, damage or destruction of any property, whether owned by CLEC, its End Users or others, unless the act or omission proximately causing the Loss constitutes gross negligence, recklessness or intentional misconduct of AT&T-13STATE.
- 9.4 CLEC also agrees to release, indemnify, defend and hold harmless AT&T-13STATE from any and all Loss involving an allegation of the infringement or invasion of the right of privacy or confidentiality of any person or persons, caused or claimed to have been caused, directly or indirectly, by the installation, operation, failure to operate, maintenance, removal, presence, condition, occasion or use of the 911 System features and the equipment associated therewith, including by not limited to the identification of the telephone number, address or name associated with the telephone used by the party or parties accessing the 911 System provided hereunder, unless the act or omission proximately causing the Loss constitutes the gross negligence, recklessness or intentional misconduct of AT&T-13STATE.