

# APPENDIX A

#### **47 U.S.C. § 151:**

Purposes of chapter; Federal Communications Commission created

For the purpose of regulating interstate and foreign commerce in communication by wire and radio so as to make available, so far as possible, to all the people of the United States, without discrimination on the basis of race, color, religion, national origin, or sex, a rapid, efficient, Nation-wide, and world-wide wire and radio communication service with adequate facilities at reasonable charges, for the purpose of the national defense, for the purpose of promoting safety of life and property through the use of wire and radio communications, and for the purpose of securing a more effective execution of this policy by centralizing authority heretofore granted by law to several agencies and by granting additional authority with respect to interstate and foreign commerce in wire and radio communication, there is created a commission to be known as the “Federal Communications Commission”, which shall be constituted as hereinafter provided, and which shall execute and enforce the provisions of this chapter.

#### **47 U.S.C. § 152:**

Application of chapter

(a) The provisions of this chapter shall apply to all interstate and foreign communication by wire or radio and all interstate and foreign transmission of energy by radio, which originates and/or is received within the United States, and to all persons engaged within the United States in such communication or such transmission of energy by radio, and to the licensing and regulating of all radio stations as hereinafter provided; but it shall not apply to persons engaged in wire or radio communication or transmission in the Canal Zone, or to wire or radio communication or transmission wholly within the Canal Zone. The provisions of this chapter shall apply with respect to cable service, to all persons engaged within the United States in providing such service, and to the facilities of cable operators which relate to such service, as provided in subchapter V-A.

(b) Exceptions to Federal Communications Commission jurisdiction

Except as provided in sections 223 through 227 of this title, inclusive, and section 332 of this title, and subject to the provisions of section 301 of this title and subchapter V-A of this chapter, nothing in this chapter shall be construed to apply or to give the Commission jurisdiction with respect to (1) charges, classifications, practices, services, facilities, or regulations for or in connection with intrastate communication service by wire or radio of any carrier, or (2) any carrier engaged in interstate or foreign communication solely through physical connection with the facilities of another carrier not directly or indirectly controlling or controlled by, or under direct or indirect common control with such carrier, or (3) any carrier engaged in interstate or foreign communication solely through connection by radio, or by wire and radio, with facilities, located in an adjoining State or in Canada or Mexico (where they adjoin the State in which the carrier is doing business), of another carrier not directly or indirectly controlling or controlled by, or under direct or indirect common control with such carrier, or (4) any carrier to which clause (2) or clause (3) of this subsection would be applicable except for furnishing interstate mobile radio communication service or radio communication service to mobile stations on land vehicles

in Canada or Mexico; except that sections 201 to 205 of this title shall, except as otherwise provided therein, apply to carriers described in clauses (2), (3), and (4) of this subsection.

**47 U.S.C. § 154(i):**

Duties and powers

The Commission may perform any and all acts, make such rules and regulations, and issue such orders, not inconsistent with this chapter, as may be necessary in the execution of its functions.

**47 U.S.C. § 154(j):**

Conduct of proceedings; hearings

The Commission may conduct its proceedings in such manner as will best conduce to the proper dispatch of business and to the ends of justice. No commissioner shall participate in any hearing or proceeding in which he has a pecuniary interest. Any party may appear before the Commission and be heard in person or by attorney. Every vote and official act of the Commission shall be entered of record, and its proceedings shall be public upon the request of any party interested. The Commission is authorized to withhold publication of records or proceedings containing secret information affecting the national defense.

**47 U.S.C. § 225:**

Telecommunications services for hearing-impaired and speech-impaired individuals

(a) Definitions

As used in this section--

(1) Common carrier or carrier

The term "common carrier" or "carrier" includes any common carrier engaged in interstate communication by wire or radio as defined in section 153 of this title and any common carrier engaged in intrastate communication by wire or radio, notwithstanding sections 152(b) and 221(b) of this title.

(2) TDD

The term "TDD" means a Telecommunications Device for the Deaf, which is a machine that employs graphic communication in the transmission of coded signals through a wire or radio communication system.

(3) Telecommunications relay services

The term "telecommunications relay services" means telephone transmission services that provide the ability for an individual who has a hearing impairment or speech impairment to engage in communication by wire or radio with a hearing individual in a manner that is functionally equivalent to the ability of an individual who does not have a hearing impairment or speech impairment to communicate using voice communication services by wire or radio. Such term includes services that enable two-way communication between an individual who uses a TDD or other nonvoice terminal device and an individual who does not use such a device.

(b) Availability of telecommunications relay services

(1) In general

In order to carry out the purposes established under section 151 of this title, to make available to all individuals in the United States a rapid, efficient nationwide communication service, and to increase the utility of the telephone system of the Nation, the Commission shall ensure that interstate and intrastate telecommunications relay services are available, to the extent possible and in the most efficient manner, to hearing-impaired and speech-impaired individuals in the United States.

(2) Use of general authority and remedies

For the purposes of administering and enforcing the provisions of this section and the regulations prescribed thereunder, the Commission shall have the same authority, power, and functions with respect to common carriers engaged in intrastate communication as the Commission has in administering and enforcing the provisions of this subchapter with respect to any common carrier engaged in interstate communication. Any violation of this section by any common carrier engaged in intrastate communication shall be subject to the same remedies, penalties, and procedures as are applicable to a violation of this chapter by a common carrier engaged in interstate communication.

(c) Provision of services

Each common carrier providing telephone voice transmission services shall, not later than 3 years after July 26, 1990, provide in compliance with the regulations prescribed under this section, throughout the area in which it offers service, telecommunications relay services, individually, through designees, through a competitively selected vendor, or in concert with other carriers. A common carrier shall be considered to be in compliance with such regulations--

(1) with respect to intrastate telecommunications relay services in any State that does not have a certified program under subsection (f) of this section and with respect to interstate telecommunications relay services, if such common carrier (or other entity through which the carrier is providing such relay services) is in compliance with the Commission's regulations under subsection (d) of this section; or

(2) with respect to intrastate telecommunications relay services in any State that has a certified program under subsection (f) of this section for such State, if such common carrier (or other entity through which the carrier is providing such relay services) is in compliance with the program certified under subsection (f) of this section for such State.

(d) Regulations

(1) In general

The Commission shall, not later than 1 year after July 26, 1990, prescribe regulations to implement this section, including regulations that--

(A) establish functional requirements, guidelines, and operations procedures for telecommunications relay services;

(B) establish minimum standards that shall be met in carrying out subsection (c) of this section;

(C) require that telecommunications relay services operate every day for 24 hours per day;

(D) require that users of telecommunications relay services pay rates no greater than the rates paid for functionally equivalent voice communication services with respect to such factors as the duration of the call, the time of day, and the distance from point of origination to point of termination;

(E) prohibit relay operators from failing to fulfill the obligations of common carriers by refusing calls or limiting the length of calls that use telecommunications relay services;

(F) prohibit relay operators from disclosing the content of any relayed conversation and from keeping records of the content of any such conversation beyond the duration of the call; and

(G) prohibit relay operators from intentionally altering a relayed conversation.

## (2) Technology

The Commission shall ensure that regulations prescribed to implement this section encourage, consistent with section 157(a) of this title, the use of existing technology and do not discourage or impair the development of improved technology.

## (3) Jurisdictional separation of costs

### (A) In general

Consistent with the provisions of section 410 of this title, the Commission shall prescribe regulations governing the jurisdictional separation of costs for the services provided pursuant to this section.

### (B) Recovering costs

Such regulations shall generally provide that costs caused by interstate telecommunications relay services shall be recovered from all subscribers for every interstate service and costs caused by intrastate telecommunications relay services shall be recovered from the intrastate jurisdiction. In a State that has a certified program under subsection (f) of this section, a State commission shall permit a common carrier to recover the costs incurred in providing intrastate telecommunications relay services by a method consistent with the requirements of this section.

### (e) Enforcement

#### (1) In general

Subject to subsections (f) and (g) of this section, the Commission shall enforce this section.

#### (2) Complaint

The Commission shall resolve, by final order, a complaint alleging a violation of this section within 180 days after the date such complaint is filed.

### (f) Certification

#### (1) State documentation

Any State desiring to establish a State program under this section shall submit documentation to the Commission that describes the program of such State for implementing intrastate telecommunications relay services and the procedures and remedies available for enforcing any requirements imposed by the State program.

#### (2) Requirements for certification

After review of such documentation, the Commission shall certify the State program if the Commission determines that--

(A) the program makes available to hearing-impaired and speech-impaired individuals, either directly, through designees, through a competitively selected vendor, or through regulation of intrastate common carriers, intrastate telecommunications relay services in such State in a manner that meets or exceeds the requirements of regulations prescribed by the Commission under subsection (d) of this section; and

(B) the program makes available adequate procedures and remedies for enforcing the requirements of the State program.

(3) Method of funding

Except as provided in subsection (d) of this section, the Commission shall not refuse to certify a State program based solely on the method such State will implement for funding intrastate telecommunication relay services.

(4) Suspension or revocation of certification

The Commission may suspend or revoke such certification if, after notice and opportunity for hearing, the Commission determines that such certification is no longer warranted. In a State whose program has been suspended or revoked, the Commission shall take such steps as may be necessary, consistent with this section, to ensure continuity of telecommunications relay services.

(g) Complaint

(1) Referral of complaint

If a complaint to the Commission alleges a violation of this section with respect to intrastate telecommunications relay services within a State and certification of the program of such State under subsection (f) of this section is in effect, the Commission shall refer such complaint to such State.

(2) Jurisdiction of Commission

After referring a complaint to a State under paragraph (1), the Commission shall exercise jurisdiction over such complaint only if--

(A) final action under such State program has not been taken on such complaint by such State--

(i) within 180 days after the complaint is filed with such State; or

(ii) within a shorter period as prescribed by the regulations of such State; or

(B) the Commission determines that such State program is no longer qualified for certification under subsection (f) of this section.

**47 U.S.C. § 251:**

Interconnection

(a) General duty of telecommunications carriers

Each telecommunications carrier has the duty--

(1) to interconnect directly or indirectly with the facilities and equipment of other telecommunications carriers; and

(2) not to install network features, functions, or capabilities that do not comply with the guidelines and standards established pursuant to section 255 or 256 of this title.

(b) Obligations of all local exchange carriers

Each local exchange carrier has the following duties:

(1) Resale

The duty not to prohibit, and not to impose unreasonable or discriminatory conditions or limitations on, the resale of its telecommunications services.

(2) Number portability

The duty to provide, to the extent technically feasible, number portability in accordance with requirements prescribed by the Commission.

(3) Dialing parity

The duty to provide dialing parity to competing providers of telephone exchange service and telephone toll service, and the duty to permit all such providers to have nondiscriminatory access to telephone numbers, operator services, directory assistance, and directory listing, with no unreasonable dialing delays.

(4) Access to rights-of-way

The duty to afford access to the poles, ducts, conduits, and rights-of-way of such carrier to competing providers of telecommunications services on rates, terms, and conditions that are consistent with section 224 of this title.

(5) Reciprocal compensation

The duty to establish reciprocal compensation arrangements for the transport and termination of telecommunications.

(c) Additional obligations of incumbent local exchange carriers

In addition to the duties contained in subsection (b) of this section, each incumbent local exchange carrier has the following duties:

(1) Duty to negotiate

The duty to negotiate in good faith in accordance with section 252 of this title the particular terms and conditions of agreements to fulfill the duties described in paragraphs (1) through (5) of subsection (b) of this section and this subsection. The requesting telecommunications carrier also has the duty to negotiate in good faith the terms and conditions of such agreements.

(2) Interconnection

The duty to provide, for the facilities and equipment of any requesting telecommunications carrier, interconnection with the local exchange carrier's network--

(A) for the transmission and routing of telephone exchange service and exchange access;

(B) at any technically feasible point within the carrier's network;

(C) that is at least equal in quality to that provided by the local exchange carrier to itself or to any subsidiary, affiliate, or any other party to which the carrier provides interconnection; and

(D) on rates, terms, and conditions that are just, reasonable, and nondiscriminatory, in accordance with the terms and conditions of the agreement and the requirements of this section and section 252 of this title.

### (3) Unbundled access

The duty to provide, to any requesting telecommunications carrier for the provision of a telecommunications service, nondiscriminatory access to network elements on an unbundled basis at any technically feasible point on rates, terms, and conditions that are just, reasonable, and nondiscriminatory in accordance with the terms and conditions of the agreement and the requirements of this section and section 252 of this title. An incumbent local exchange carrier shall provide such unbundled network elements in a manner that allows requesting carriers to combine such elements in order to provide such telecommunications service.

### (4) Resale

The duty--

(A) to offer for resale at wholesale rates any telecommunications service that the carrier provides at retail to subscribers who are not telecommunications carriers; and

(B) not to prohibit, and not to impose unreasonable or discriminatory conditions or limitations on, the resale of such telecommunications service, except that a State commission may, consistent with regulations prescribed by the Commission under this section, prohibit a reseller that obtains at wholesale rates a telecommunications service that is available at retail only to a category of subscribers from offering such service to a different category of subscribers.

### (5) Notice of changes

The duty to provide reasonable public notice of changes in the information necessary for the transmission and routing of services using that local exchange carrier's facilities or networks, as well as of any other changes that would affect the interoperability of those facilities and networks.

### (6) Collocation

The duty to provide, on rates, terms, and conditions that are just, reasonable, and nondiscriminatory, for physical collocation of equipment necessary for interconnection or access to unbundled network elements at the premises of the local exchange carrier, except that the carrier may provide for virtual collocation if the local exchange carrier demonstrates to the State commission that physical collocation is not practical for technical reasons or because of space limitations.

### (d) Implementation

#### (1) In general

Within 6 months after February 8, 1996, the Commission shall complete all actions necessary to establish regulations to implement the requirements of this section.

#### (2) Access standards



In determining what network elements should be made available for purposes of subsection (c) (3) of this section, the Commission shall consider, at a minimum, whether--

- (A) access to such network elements as are proprietary in nature is necessary; and
- (B) the failure to provide access to such network elements would impair the ability of the telecommunications carrier seeking access to provide the services that it seeks to offer.

(3) Preservation of State access regulations

In prescribing and enforcing regulations to implement the requirements of this section, the Commission shall not preclude the enforcement of any regulation, order, or policy of a State commission that--

- (A) establishes access and interconnection obligations of local exchange carriers;
- (B) is consistent with the requirements of this section; and
- (C) does not substantially prevent implementation of the requirements of this section and the purposes of this part.

(e) Numbering administration

(1) Commission authority and jurisdiction

The Commission shall create or designate one or more impartial entities to administer telecommunications numbering and to make such numbers available on an equitable basis. The Commission shall have exclusive jurisdiction over those portions of the North American Numbering Plan that pertain to the United States. Nothing in this paragraph shall preclude the Commission from delegating to State commissions or other entities all or any portion of such jurisdiction.

(2) Costs

The cost of establishing telecommunications numbering administration arrangements and number portability shall be borne by all telecommunications carriers on a competitively neutral basis as determined by the Commission.

(3) Universal emergency telephone number

The Commission and any agency or entity to which the Commission has delegated authority under this subsection shall designate 9-1-1 as the universal emergency telephone number within the United States for reporting an emergency to appropriate authorities and requesting assistance. The designation shall apply to both wireline and wireless telephone service. In making the designation, the Commission (and any such agency or entity) shall provide appropriate transition periods for areas in which 9-1-1 is not in use as an emergency telephone number on October 26, 1999.

(f) Exemptions, suspensions, and modifications

(1) Exemption for certain rural telephone companies

(A) Exemption

Subsection (c) of this section shall not apply to a rural telephone company until (i) such company has received a bona fide request for interconnection, services, or network elements, and (ii) the State commission determines (under subparagraph (B)) that such request is not unduly

economically burdensome, is technically feasible, and is consistent with section 254 of this title (other than subsections (b)(7) and (c)(1)(D) thereof).

(B) State termination of exemption and implementation schedule

The party making a bona fide request of a rural telephone company for interconnection, services, or network elements shall submit a notice of its request to the State commission. The State commission shall conduct an inquiry for the purpose of determining whether to terminate the exemption under subparagraph (A). Within 120 days after the State commission receives notice of the request, the State commission shall terminate the exemption if the request is not unduly economically burdensome, is technically feasible, and is consistent with section 254 of this title (other than subsections (b)(7) and (c)(1)(D) thereof). Upon termination of the exemption, a State commission shall establish an implementation schedule for compliance with the request that is consistent in time and manner with Commission regulations.

(C) Limitation on exemption

The exemption provided by this paragraph shall not apply with respect to a request under subsection (c) of this section, from a cable operator providing video programming, and seeking to provide any telecommunications service, in the area in which the rural telephone company provides video programming. The limitation contained in this subparagraph shall not apply to a rural telephone company that is providing video programming on February 8, 1996.

(2) Suspensions and modifications for rural carriers

A local exchange carrier with fewer than 2 percent of the Nation's subscriber lines installed in the aggregate nationwide may petition a State commission for a suspension or modification of the application of a requirement or requirements of subsection (b) or (c) of this section to telephone exchange service facilities specified in such petition. The State commission shall grant such petition to the extent that, and for such duration as, the State commission determines that such suspension or modification--

(A) is necessary--

(i) to avoid a significant adverse economic impact on users of telecommunications services generally;

(ii) to avoid imposing a requirement that is unduly economically burdensome; or

(iii) to avoid imposing a requirement that is technically infeasible; and

(B) is consistent with the public interest, convenience, and necessity.

The State commission shall act upon any petition filed under this paragraph within 180 days after receiving such petition. Pending such action, the State commission may suspend enforcement of the requirement or requirements to which the petition applies with respect to the petitioning carrier or carriers.

(g) Continued enforcement of exchange access and interconnection requirements

On and after February 8, 1996, each local exchange carrier, to the extent that it provides wireline services, shall provide exchange access, information access, and exchange services for such access to interexchange carriers and information service providers in accordance with the same equal access and nondiscriminatory interconnection restrictions and obligations (including

receipt of compensation) that apply to such carrier on the date immediately preceding February 8, 1996 under any court order, consent decree, or regulation, order, or policy of the Commission, until such restrictions and obligations are explicitly superseded by regulations prescribed by the Commission after February 8, 1996. During the period beginning on February 8, 1996 and until such restrictions and obligations are so superseded, such restrictions and obligations shall be enforceable in the same manner as regulations of the Commission.

(h) Definition of incumbent local exchange carrier

(1) Definition

For purposes of this section, the term 'incumbent local exchange carrier' means, with respect to an area, the local exchange carrier that--

(A) on February 8, 1996, provided telephone exchange service in such area; and

(B)(i) on February 8, 1996, was deemed to be a member of the exchange carrier association pursuant to section 69.601(b) of the Commission's regulations (47 C.F.R. 69.601(b)); or

(ii) is a person or entity that, on or after February 8, 1996, became a successor or assign of a member described in clause (i).

(2) Treatment of comparable carriers as incumbents

The Commission may, by rule, provide for the treatment of a local exchange carrier (or class or category thereof) as an incumbent local exchange carrier for purposes of this section if--

(A) such carrier occupies a position in the market for telephone exchange service within an area that is comparable to the position occupied by a carrier described in paragraph (1);

(B) such carrier has substantially replaced an incumbent local exchange carrier described in paragraph (1); and

(C) such treatment is consistent with the public interest, convenience, and necessity and the purposes of this section.

(i) Savings provision

Nothing in this section shall be construed to limit or otherwise affect the Commission's authority under section 201 of this title.

**47 U.S.C. § 303(r):**

Powers and duties of Commission

Except as otherwise provided in this chapter, the Commission from time to time, as public convenience, interest, or necessity requires, shall . . . (r) Make such rules and regulations and prescribe such restrictions and conditions, not inconsistent with law, as may be necessary to carry out the provisions of this chapter, or any international radio or wire communications treaty or convention, or regulations annexed thereto, including any treaty or convention insofar as it relates to the use of radio, to which the United States is or may hereafter become a party.

**47 C.F.R. § 52.34:**

Obligations regarding local number porting to and from interconnected VoIP or Internet-based TRS providers.

(a) An interconnected VoIP or VRS or IP Relay provider must facilitate an end-user customer's or a Registered Internet-based TRS User's valid number portability request, as it is defined in this subpart, either to or from a telecommunications carrier or an interconnected VoIP or VRS or IP Relay provider. "Facilitate" is defined as the interconnected VoIP or VRS or IP Relay provider's affirmative legal obligation to take all steps necessary to initiate or allow a port-in or port-out itself or through the telecommunications carriers, if any, that it relies on to obtain numbering resources, subject to a valid port request, without unreasonable delay or unreasonable procedures that have the effect of delaying or denying porting of the NANP-based telephone number.

(b) An interconnected VoIP or VRS or IP Relay provider may not enter into any agreement that would prohibit an end-user customer or a Registered Internet-based TRS User from porting between interconnected VoIP or VRS or IP Relay providers, or to or from a telecommunications carrier.

**47 C.F.R. § 64.605:**

Emergency Calling Requirements

(a) Additional Emergency Calling Requirements Applicable to Internet-based TRS Providers.

(1) As of December 31, 2008, the requirements of paragraphs (a)(2)(i) and (a)(2)(iv) of this section shall not apply to providers of VRS and IP Relay.

(2) Each provider of Internet-based TRS shall:

(i) Accept and handle emergency calls and access, either directly or via a third party, a commercially available database that will allow the provider to determine an appropriate PSAP, designated statewide default answering point, or appropriate local emergency authority that corresponds to the caller's location, and to relay the call to that entity;

(ii) Implement a system that ensures that the provider answers an incoming emergency call before other non-emergency calls (i.e., prioritize emergency calls and move them to the top of the queue);

(iii) Request, at the beginning of each emergency call, the caller's name and location information, unless the Internet-based TRS provider already has, or has access to, a Registered Location for the caller;

(iv) Deliver to the PSAP, designated statewide default answering point, or appropriate local emergency authority, at the outset of the outbound leg of an emergency call, at a minimum, the name of the relay user and location of the emergency, as well as the name of the relay provider, the CA's callback number, and the CA's identification number, thereby enabling the PSAP, designated statewide default answering point, or appropriate local emergency authority to re-establish contact with the CA in the event the call is disconnected;

(v) In the event one or both legs of an emergency call are disconnected (i.e., either the call between the TRS user and the CA, or the outbound voice telephone call between the CA and the PSAP, designated statewide default answering point, or appropriate local emergency authority), immediately re-establish contact with the TRS user and/or the appropriate PSAP, designated statewide default answering point, or appropriate local emergency authority and resume handling the call; and

(vi) Ensure that information obtained as a result of this section is limited to that needed to facilitate 911 services, is made available only to emergency call handlers and emergency response or law enforcement personnel, and is used for the sole purpose of ascertaining a user's location in an emergency situation or for other emergency or law enforcement purposes.

(b) E911 Service for VRS and IP Relay

(1) Scope. The following requirements are only applicable to providers of VRS or IP Relay. Further, the following requirements apply only to 911 calls placed by users whose Registered Location is in a geographic area served by a Wireline E911 Network.

(2) E911 Service. As of December 31, 2008:

(i) VRS or IP Relay providers must, as a condition of providing service to a user, provide that user with E911 service as described in this section;

(ii) VRS or IP Relay providers must transmit all 911 calls, as well as ANI, the caller's Registered Location, the name of the VRS or IP Relay provider, and the CA's identification number for each call, to the PSAP, designated statewide default answering point, or appropriate local emergency authority that serves the caller's Registered Location and that has been designated for telecommunications carriers pursuant to §64.3001 of this chapter, provided that "all 911 calls" is defined as "any communication initiated by a VRS or IP Relay user dialing 911";

(iii) All 911 calls must be routed through the use of ANI and, if necessary, pseudo-ANI, via the dedicated Wireline E911 Network; and

(iv) The Registered Location, the name of the VRS or IP Relay provider, and the CA's identification number must be available to the appropriate PSAP, designated statewide default answering point, or appropriate local emergency authority from or through the appropriate automatic location information (ALI) database.

(3) Service Level Obligation. Notwithstanding the provisions in paragraph (b)(2) of this section, if a PSAP, designated statewide default answering point, or appropriate local emergency authority is not capable of receiving and processing either ANI or location information, a VRS or IP Relay provider need not provide such ANI or location information; however, nothing in this paragraph affects the obligation under paragraph (c) of this section of a VRS or IP Relay provider to transmit via the Wireline E911 Network all 911 calls to the PSAP, designated statewide default answering point, or appropriate local emergency authority that serves the caller's Registered Location and that has been designated for telecommunications carriers pursuant to §64.3001 of this chapter.

(4) Registered Location Requirement. As of December 31, 2008, VRS and IP Relay providers must:

(i) Obtain from each Registered Internet-based TRS User, prior to the initiation of service, the physical location at which the service will first be utilized; and

(ii) If the VRS or IP Relay is capable of being used from more than one location, provide their Registered Internet-based TRS Users one or more methods of updating their Registered Location, including at least one option that requires use only of the CPE necessary to access the VRS or IP Relay. Any method utilized must allow a Registered Internet-based TRS User to update the Registered Location at will and in a timely manner.

**47 C.F.R. § 64.611:**

Internet-Based TRS Registration

(a) Default Provider Registration. Every provider of VRS or IP Relay must, no later than December 31, 2008, provide users with the capability to register with that VRS or IP Relay provider as a “default provider.” Upon a user’s registration, the VRS or IP Relay provider shall:

(1) Either:

(i) Facilitate the user’s valid number portability request as set forth in 47 C.F.R. § 52.34; or

(ii) If the user does not wish to port a number, assign that user a geographically appropriate North American Numbering Plan telephone number; and

(2) Route and deliver all of that user’s inbound and outbound calls unless the user chooses to place a call with, or receives a call from, an alternate provider.

(b) Mandatory Registration of New Users. As of December 31, 2008, VRS and IP Relay providers must, prior to the initiation of service for an individual that has not previously utilized VRS or IP Relay, register that new user as described in paragraph (a) of this section.

(c) Obligations of Default Providers and Former Default Providers.

(1) Default providers must:

(i) Obtain current routing information, including IP addresses or domain names and user names, from their Registered Internet-based TRS Users;

(ii) Provision such information to the TRS Numbering Directory; and

(iii) Maintain such information in their internal databases and in the TRS Numbering Directory.

(2) Internet-based TRS providers (and, to the extent necessary, their Numbering Partners) must:

(i) Take such steps as are necessary to cease acquiring routing information from any VRS or IP Relay user that ports his or her number to another VRS or IP Relay provider or otherwise selects a new default provider; and

(ii) Communicate among themselves as necessary to ensure that:

(A) Only the default provider provisions routing information to the central database; and

(B) VRS and IP Relay providers other than the default provider are aware that they must query the TRS Numbering Directory in order to obtain accurate routing information for a particular user of VRS or IP Relay.

(d) Proxy Numbers. After December 31, 2008, a VRS or IP Relay provider:

(1) May not assign or issue a proxy or alias for a NANP telephone number to any user; and

(2) Must cease to use any proxy or alias for a NANP telephone number assigned or issued to any Registered Internet-based TRS User.

(e) Customer Premises Equipment (CPE).

(1) Every VRS or IP Relay provider must ensure that all CPE they have issued, leased, or otherwise provided to VRS or IP Relay users delivers routing information or other information only to the user's default provider, except as is necessary to complete or receive "dial around" calls on a case-by-case basis.

(2) All CPE issued, leased, or otherwise provided to VRS or IP Relay users by Internet-based TRS providers must be capable of facilitating the requirements of this section.

(f) User Notification. Every VRS or IP Relay provider must include an advisory on its website and in any promotional materials addressing numbering or E911 services for VRS or IP Relay.

(1) At a minimum, the advisory must address the following issues: (i) the process by which VRS or IP Relay users may obtain ten-digit telephone numbers, including a brief summary of the numbering assignment and administration processes; (ii) the portability of ten-digit telephone numbers assigned to VRS or IP Relay users; (iii) the process by which persons using VRS or IP Relay may submit, update, and confirm receipt by the provider of their Registered Location information; and (iv) an explanation emphasizing the importance of maintaining accurate, up-to-date Registered Location information with the user's default provider in the event that the individual places an emergency call via VRS or IP Relay.

(2) VRS and IP Relay providers must obtain and keep a record of affirmative acknowledgement by every Registered Internet-based TRS User of having received and understood the advisory described in this subsection.

#### **47 C.F.R. § 64.613:**

##### Numbering Directory for Registered Internet-based TRS Users

(a) TRS Numbering Directory.

(1) The TRS Numbering Directory shall contain records mapping the NANP telephone number of each Registered Internet-based TRS User to a unique Uniform Resource Identifier (URI).

(2) For each record associated with a VRS user, the URI shall contain the user's Internet Protocol (IP) address. For each record associated with an IP Relay user, the URI shall contain the user's user name and domain name that can be subsequently resolved to reach the user.

(3) Only the TRS Numbering Administrator and Internet-based TRS providers may access the TRS Numbering Directory.

(b) Administration.

(1) Neutrality.

(A) The TRS Numbering Administrator shall be a non-governmental entity that is impartial and not an affiliate of any Internet-based TRS provider.

(B) Neither the TRS Numbering Administrator nor any affiliate may issue a majority of its debt to, nor derive a majority of its revenues from, any Internet-based TRS provider.

(C) Nor may the TRS Numbering Administrator nor any affiliate be unduly influenced, as determined by the North American Numbering Council, by parties with a vested interest in the outcome of TRS-related numbering administration and activities.

(D) Any subcontractor that performs any function of the TRS Numbering Administrator must also meet these neutrality criteria.

(2) Terms of Administration. The TRS Numbering Administrator shall administer the TRS Numbering Directory pursuant to the terms of its contract.

(3) Compensation. The TRS Fund, as defined by 47 C.F.R. § 64.604(a)(5)(iii), may compensate the TRS Numbering Administrator for the reasonable costs of administration pursuant to the terms of its contract.