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numbers without impairment of quality, reliability, or convenience when switching from one telecommunications carrier to another.

(o) The term *regional database* means an SMS database or an SMS/SCP pair that contains information necessary for carriers to provide number portability in a region as determined by the NANC.

(p) The term *Registered Internet-based TRS User* has the meaning set forth in 47 CFR 64.601.

(q) The term *service control point (SCP)* means a database in the public switched network which contains information and call processing instructions needed to process and complete a telephone call. The network switches access an SCP to obtain such information. Typically, the information contained in an SCP is obtained from the SMS.

(r) The term *service management system (SMS)* means a database or computer system not part of the public switched network that, among other things:

(1) Interconnects to an SCP and sends to that SCP the information and call processing instructions needed for a network switch to process and complete a telephone call; and

(2) Provides telecommunications carriers with the capability of entering and storing data regarding the processing and completing of a telephone call.

(s) The term *service portability* means the ability of users of telecommunications services to retain existing telecommunications numbers without impairment of quality, reliability, or convenience when switching from one telecommunications service to another, without switching from one telecommunications carrier to another.

(t) The term *service provider portability* means the ability of users of telecommunications services to retain, at the same location, existing telecommunications numbers without impairment of quality, reliability, or convenience when switching from one telecommunications carrier to another.

(u) The term *transitional number portability measure* means a method that allows one local exchange carrier to transfer telephone numbers from its network to the network of another telecommunications carrier, but does not comply with the performance criteria set forth in 52.3(a). Transitional number portability measures are technically feasible methods of providing number portability including Remote Call Forwarding (RCF), Direct Inward Dialing (DID), Route Indexing—Portability Hub (RI-PH), Directory Number Route Indexing (DNRI) and other comparable methods.

(v) The term *VRS provider* means an entity that provides VRS as defined by 47 CFR 64.601.

(w) The term *2009 LNP Porting Intervals Order* refers to In the Matters of Local Number Portability Porting Interval and Validation Requirements; Telephone Number Portability, WC Docket No. 07–244, CC Docket No. 95–116, Report and Order and Further Notice of Proposed Rulemaking, FCC 09–41 (2009).

[61 FR 38637, July 25, 1996. Redesignated at 61 FR 47353, Sept. 6, 1996, as amended at 61 FR 47355, Sept. 6, 1996; 63 FR 68203, Dec. 10, 1998; 67 FR 6435, Feb. 12, 2002; 68 FR 43009, July 21, 2003; 73 FR 9481, Feb. 21, 2008; 73 FR 41293, July 18, 2008; 74 FR 31638, July 2, 2009]

§ 52.23 Deployment of long-term database methods for number portability by LECs.

(a) Subject to paragraphs (b) and (c) of this section, all local exchange carriers (LECs) must provide number portability in compliance with the following performance criteria:

(1) Supports network services, features, and capabilities existing at the time number portability is implemented, including but not limited to emergency services, CLASS features, operator and directory assistance services, and intercept capabilities;

(2) Efficiently uses numbering resources;

(3) Does not require end users to change their telecommunications numbers;

(4) Does not result in unreasonable degradation in service quality or network reliability when implemented;

(5) Does not result in any degradation in service quality or network reliability when customers switch carriers;

(6) Does not result in a carrier having a proprietary interest;

(7) Is able to migrate to location and service portability; and

(8) Has no significant adverse impact outside the areas where number portability is deployed.

(b)(1) All LECs must provide a long-term database method for number portability in the 100 largest Metropolitan Statistical Areas (MSAs), as defined in § 52.21(k), in switches for which another carrier has made a specific request for the provision of number portability, subject to paragraph (b)(2) of this section.

(2) Any procedure to identify and request switches for deployment of number portability must comply with the following criteria:

(i) Any wireline carrier that is certified (or has applied for certification) to provide local exchange service in a state, or any licensed CMRS provider, must be permitted to make a request for deployment of number portability in that state;

(ii) Carriers must submit requests for deployment at least nine months before the deployment deadline for the MSA;

(iii) A LEC must make available upon request to any interested parties a list of its switches for which number portability has been requested and a list of its switches for which number portability has not been requested; and

(iv) After the deadline for deployment of number portability in an MSA in the 100 largest MSAs, according to the deployment schedule set forth in the appendix to this part, a LEC must deploy number portability in that MSA in additional switches upon request within the following time frames:

(A) For remote switches supported by a host switch equipped for portability (''Equipped Remote Switches''), within 30 days;

(B) For switches that require software but not hardware changes to provide portability (''Hardware Capable Switches''), within 60 days;

(C) For switches that require hardware changes to provide portability (''Capable Switches Requiring Hardware''), within 180 days; and

(D) For switches not capable of portability that must be replaced (''Non-Capable Switches''), within 180 days.

(c) Beginning January 1, 1999, all LECs must make a long-term database method for number portability available within six months after a specific request by another telecommunications carrier in areas in which that telecommunications carrier is operating or plans to operate.

(d) The Chief, Common Carrier Bureau, may waive or stay any of the dates in the implementation schedule, as the Chief determines is necessary to ensure the efficient development of number portability, for a period not to exceed 9 months (*i.e.*, no later than September 30, 1999).

(e) In the event a LEC is unable to meet the Commission's deadlines for implementing a long-term database method for number portability, it may file with the Commission at least 60 days in advance of the deadline a petition to extend the time by which implementation in its network will be completed. A LEC seeking such relief must demonstrate through substantial, credible evidence the basis for its contention that it is unable to comply with the deployment schedule set forth in the appendix to this part 52. Such requests must set forth:

(1) The facts that demonstrate why the carrier is unable to meet the Commission's deployment schedule;

(2) A detailed explanation of the activities that the carrier has undertaken to meet the implementation schedule prior to requesting an extension of time;

(3) An identification of the particular switches for which the extension is requested;

(4) The time within which the carrier will complete deployment in the affected switches; and

(5) A proposed schedule with milestones for meeting the deployment date.

(f) The Chief, Wireline Competition Bureau, shall monitor the progress of local exchange carriers implementing number portability, and may direct such carriers to take any actions necessary to ensure compliance with the deployment schedule set forth in the appendix to this part 52.

(g) Carriers that are members of the Illinois Local Number Portability Workshop must conduct a field test of

any technically feasible long-term database method for number portability in the Chicago, Illinois, area. The carriers participating in the test must jointly file with the Common Carrier Bureau a report of their findings within 30 days following completion of the test. The Chief, Common Carrier Bureau, shall monitor developments during the field test, and may adjust the field test completion deadline as necessary.

(h)(1) Porting from a wireline carrier to a wireless carrier is required where the requesting wireless carrier's ''coverage area,'' as defined in paragraph (h)(2) of this section, overlaps the geographic location in which the customer's wireline number is provisioned, provided that the porting-in carrier maintains the number's original rate center designation following the port.

(2) The wireless ''coverage area'' is defined as the area in which wireless service can be received from the wireless carrier.

[61 FR 38637, July 25, 1996, as amended at 62 FR 18294, Apr. 15, 1997; 67 FR 13226, Mar. 21, 2002; 68 FR 43009, July 21, 2003; 73 FR 9481, Feb. 21, 2008]

§ 52.25 Database architecture and administration.

(a) The North American Numbering Council (NANC) shall direct establishment of a nationwide system of regional SMS databases for the provision of long-term database methods for number portability.

(b) All telecommunications carriers shall have equal and open access to the regional databases.

(c) The NANC shall select a local number portability administrator(s) (LNPA(s)) to administer the regional databases within seven months of the initial meeting of the NANC.

(d) The NANC shall determine whether one or multiple administrator(s) should be selected, whether the LNPA(s) can be the same entity selected to be the North American Numbering Plan Administrator, how the LNPA(s) should be selected, the specific duties of the LNPA(s), the geographic coverage of the regional databases, the technical interoperability and operational standards, the user interface between telecommunications carriers and the LNPA(s), the network interface between the SMS and the downstream databases, and the technical specifications for the regional databases.

(e) Once the NANC has selected the LNPA(s) and determined the locations of the regional databases, it must report its decisions to the Commission.

(f) The information contained in the regional databases shall be limited to the information necessary to route telephone calls to the appropriate telecommunications carriers. The NANC shall determine what specific information is necessary.

(g) Any state may opt out of its designated regional database and implement a state-specific database. A state must notify the Wireline Competition Bureau and NANC that it plans to implement a state-specific database within 60 days from the release date of the Public Notice issued by the Chief, Wireline Competition Bureau, identifying the administrator selected by the NANC and the proposed locations of the regional databases. Carriers may challenge a state's decision to opt out of the regional database system by filing a petition with the Commission.

(h) Individual state databases must meet the national requirements and operational standards recommended by the NANC and adopted by the Commission. In addition, such state databases must be technically compatible with the regional system of databases and must not interfere with the scheduled implementation of the regional databases.

(i) Individual carriers may download information necessary to provide number portability from the regional databases into their own downstream databases. Individual carriers may mix information needed to provide other services or functions with the information downloaded from the regional databases at their own downstream databases. Carriers may not withhold any information necessary to provide number portability from the regional databases on the grounds that such data has been combined with other information in its downstream database.

[61 FR 38637, July 25, 1996. Redesignated at 61 FR 47353, Sept. 6, 1996, as amended at 67 FR 13226, Mar. 21, 2002]