

## § 52.20

time of implementation, mandatory ten-digit dialing for every telephone call within and between all area codes in the geographic area covered by the overlay area code.

(4) A technology-specific or service-specific overlay, which occurs when a new area code is introduced to serve the same geographic area as one or more existing area code(s) and numbering resources in the new area code overlay are assigned to a specific technology(ies) or service(s). State commissions may not implement a technology-specific or service-specific overlay without express authority from the Commission.

[61 FR 47353, Sept. 6, 1996, as amended at 64 FR 63617, Nov. 16, 1998; 64 FR 62984, Nov. 18, 1999; 67 FR 6434, Feb. 12, 2002]

### Subpart C—Number Portability

SOURCE: 61 FR 38637, July 25, 1996, unless otherwise noted. Redesignated at 61 FR 47353, Sept. 6, 1996.

#### § 52.20 Thousands-block number pooling.

(a) *Definition.* Thousands-block number pooling is a process by which the 10,000 numbers in a central office code (NXX) are separated into ten sequential blocks of 1,000 numbers each (thousands-blocks), and allocated separately within a rate center.

(b) *General requirements.* Pursuant to the Commission's adoption of thousands-block number pooling as a mandatory nationwide numbering resource optimization strategy, all carriers, except those exempted by the Commission, must participate in thousands-block number pooling where it is implemented and in accordance with the national thousands-block number pooling framework and implementation schedule established by the Commission.

(c) *Donation of thousands-blocks.* (1) All service providers required to participate in thousands-block number pooling shall donate thousands-blocks with ten percent or less contamination to the thousands-block number pool for the rate center within which the numbering resources are assigned.

(2) All service providers required to participate in thousands-block number

## 47 CFR Ch. I (10–1–20 Edition)

pooling shall be allowed to retain at least one thousands-block per rate center, even if the thousands-block is ten percent or less contaminated, as an initial block or footprint block.

(d) *Thousands-Block Pooling Administrator.* (1) The Pooling Administrator shall be a non-governmental entity that is impartial and not aligned with any particular telecommunication industry segment, and shall comply with the same neutrality requirements that the NANPA is subject to under this part.

(2) The Pooling Administrator shall maintain no more than a six-month inventory of telephone numbers in each thousands-block number pool.

[65 FR 37709, June 16, 2000, as amended at 66 FR 9532, Feb. 8, 2001; 68 FR 43009, July 21, 2003]

#### § 52.21 Definitions.

As used in this subpart:

(a) The term *100 largest MSAs* includes the 100 largest MSAs as identified in the 1990 U.S. Census reports, as set forth in the Appendix to this part, as well as those areas identified as one of the largest 100 MSAs on subsequent updates to the U.S. Census reports.

(b) The term *broadband PCS* has the same meaning as that term is defined in § 24.5 of this chapter.

(c) The term *cellular service* has the same meaning as that term is defined in § 22.99 of this chapter.

(d) The term *covered CMRS* means broadband PCS, cellular, and 800/900 MHz SMR licensees that hold geographic area licenses or are incumbent SMR wide area licensees, and offer real-time, two-way switched voice service, are interconnected with the public switched network, and utilize an in-network switching facility that enables such CMRS systems to reuse frequencies and accomplish seamless hand-offs of subscriber calls.

(e) The term *database method* means a number portability method that utilizes one or more external databases for providing called party routing information.

(f) The term *downstream database* means a database owned and operated by an individual carrier for the purpose

of providing number portability in conjunction with other functions and services.

(g) The term *incumbent wide area SMR licensee* has the same meaning as that term is defined in §20.3 of this chapter.

(h) The term *IP Relay provider* means an entity that provides IP Relay as defined by 47 CFR 64.601.

(i) The term *local exchange carrier* means any person that is engaged in the provision of telephone exchange service or exchange access. For purposes of this subpart, such term does not include a person insofar as such person is engaged in the provision of a commercial mobile service under 47 U.S.C. 332(c).

(j) The term *local number portability administrator (LNPA)* means an independent, non-governmental entity, not aligned with any particular telecommunications industry segment, whose duties are determined by the NANC.

(k) The term *location portability* means the ability of users of telecommunications services to retain existing telecommunications numbers without impairment of quality, reliability, or convenience when moving from one physical location to another.

(l) The term *long-term database method* means a database method that complies with the performance criteria set forth in §52.3(a).

(m) The term *number 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.

(n) 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.

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

(p) 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 ac-

cess an SCP to obtain such information. Typically, the information contained in an SCP is obtained from the SMS.

(q) 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.

(r) 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.

(s) 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.

(t) 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.

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

(v) The term *2009 LNP Porting Intervals Order* refers to In the Matters of Local Number Portability Porting Interval and Validation Requirements;

## § 52.23

## 47 CFR Ch. I (10–1–20 Edition)

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; 80 FR 66479, Oct. 29, 2015]

### § 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