

§ 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 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 "interconnected VoIP provider" is an entity that provides interconnected VoIP service as that term is defined in 47 CFR 9.3.

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

(j) 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).

(k) 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.

(l) 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.

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

(n) 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.

(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 tele-

communications 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.

[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]

§ 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;