

CODE OF FEDERAL REGULATIONS

TITLE 47 - TELECOMMUNICATIONS

CHAPTER I

FEDERAL COMMUNICATIONS COMMISSION

PART 52 - NUMBERING

ANNOTATED

REVISED AS OF AUGUST 1, 1998

LATEST ORDER DATED MAY 12, 1998

Annotations to these Part 52 Rules are found at the end of any paragraph, section or subsection revised since its original version. A cumulative index of all revisions is found preceding the Table of Contents.

Waivers - An asterisk indicates the existence of a waiver applicable to NECA tariff participants for a particular section or subsection of the rules. A reference to the Order granting the waiver is found at the end of the section or subsection.

This annotated version of the Federal Communications Commission's Part 52 Rules was prepared by the National Exchange Carrier Association, Inc. (NECA) staff as a supplement to the Commission's Rules. This supplement is believed to be complete and current as of the date indicated, but is not intended to supersede 47 C.F.R. Part 52. NECA makes no claim to original U.S. Government works. The copyright notice is limited to the arrangement, compilation, notes and references in this otherwise public domain material.

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PART 52 ANNOTATIONS

Part 52 was added to Title 47 of the Code of Federal Regulations by a July 2, 1996 Order:

ORIGINAL ORDER, Released 07/02/96, Effective 08/26/96.

Telephone Number Portability, CC Docket No. 95-116, First Report and Order and Further Notice of Proposed Rulemaking, 11 FCC Rcd 8352 (1996).

ANNOTATION CITES

NUMBER PORTABILITY ORDER, Released 08/08/96, Effective 10/07/96. **(R-1)**

Implementation of the Local Competition Provisions of the Telecommunications Act of 1996, CC Docket No. 96-98; Interconnection Between Local Exchange Carriers and Commercial Mobile Radio Service Providers, CC Docket No. 95-185; Area Code Relief Plan for Dallas and Houston, Ordered by the Public Utility Commission of Texas, NSD File No. 96-8; Administration of the North American Numbering Plan, CC Docket No. 92-237, and Proposed 708 Relief Plan and 630 Numbering Plan Area Code by Ameritech-Illinois, IAD File No. 94-102, Second Report and Order and Memorandum Opinion and Order, 11 FCC Rcd 19392 (1996).

RECONSIDERATION ORDER, Released 03/11/97, Effective 5/15/97. **(R-2)**

Telephone Number Portability, CC Docket No. 95-116, First Memorandum Opinion and Order on Reconsideration, 12 FCC Rcd 7236 (1997).

TOLL FREE SERVICE ACCESS CODES ORDER, Released 04/11/97, Effective 5/27/97. **(R-3)**

Toll Free Service Access Codes, CC Docket No. 95-155, Second Report and Order and Further Notice of Proposed Rulemaking, 12 FCC Rcd 11162 (1997).

NUMBER PORTABILITY ADMINISTRATION ORDER, Released 08/18/97, Effective 10/17/97.

(R-4)

Telephone Number Portability, CC Docket No. 95-116, Second Report and Order, 12 FCC Rcd 12281 (1997). ERRATUM released 9/04/97.

NANP ADMINISTRATION ORDER, Released 10/09/97, Effective 11/24/97. **(R-5)**

Administration of the North American Numbering Plan, CC Docket No. 92-237; Toll Free Access Codes, CC Docket No. 95-155; Third Report and Order and Third Report and Order, 12 FCC Rcd 23040 (1997). ERRATA released 10/24/97.

TOLL FREE SERVICE ACCESS CODES FOURTH ORDER, Released 3/31/98. Effective 4/3/98.

(R-6)

Toll Free Service Access Codes, CC Docket No. 95-155, Fourth Report and Order and Memorandum Opinion and Order, 13 FCC Rcd 9058 (1998). ERRATUM released 4/6/98.

TELEPHONE NUMBER PORTABILITY THIRD ORDER, Released 05/12/98, Effective 7/27/98*.
(R-7)

Telephone Number Portability, CC Docket No. 95-116, Third Report and Order, 63 Fed. Reg. 35150 (June 29, 1998).

* Except for §§ 52.32 (b) and 52.33(a)(1), which contain information collection requirements that are not effective until approved by the Office of Management and Budget.

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Subpart A - Scope and Authority. (R-1)

§ 52.1 Basis and purpose. (R-1)

(a) Basis. These rules are issued pursuant to the Communications Act of 1934, as amended, 47 U.S.C. 151 et. seq.

(b) Purpose. The purpose of these rules is to establish, for the United States, requirements and conditions for the administration and use of telecommunications numbers for provision of telecommunications services.

§ 52.3 General. (R-1)

The Commission shall have exclusive authority over those portions of the North American Numbering Plan (NANP) that pertain to the United States. The Commission may delegate to the States or other entities any portion of such jurisdiction.

§ 52.5 Definitions. (R-1)

As used in this Part:

(a) Incumbent local exchange carrier. With respect to an area, an "incumbent local exchange carrier" is a local exchange carrier that --

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

(2) (i) on February 8, 1996, was deemed to be a member of the exchange carrier association pursuant to § 69.601(b) of this chapter (47 CFR 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). **(R-1)**

(b) North American Numbering Council (NANC). The "North American Numbering Council" is an advisory committee created under the Federal Advisory Committee Act, 5 U.S.C., App (1988), to advise the Commission and to make recommendations, reached through consensus, that foster efficient and impartial number administration. **(R-1)**

(c) North American Numbering Plan (NANP). The "North American Numbering Plan" is the basic numbering scheme for the telecommunications networks located in Anguilla, Antigua, Bahamas, Barbados, Bermuda, British Virgin Islands, Canada, Cayman Islands, Dominica, Dominican Republic, Grenada, Jamaica, Montserrat, St. Kitts & Nevis, St. Lucia, St. Vincent, Turks & Caicos Islands, Trinidad & Tobago, and the United States (including Puerto Rico, the U.S. Virgin Islands, Guam and the Commonwealth of the Northern Mariana Islands).

(d) State. The term "state" includes the District of Columbia and the Territories and possessions.

§ 52.5(e)/52.5(h)

§ 52.5 Definitions. (R-1) (Cont'd)

(e) State commission. The term "state commission" means the commission, board, or official (by whatever name designated) which under the laws of any state has regulatory jurisdiction with respect to intrastate operations of carriers.

(f) Telecommunications. "Telecommunications" means the transmission, between or among points specified by the user, of information of the user's choosing, without change in the form or content of the information as sent and received. (R-1)

(g) Telecommunications carrier. A "telecommunications carrier" is any provider of telecommunications services, except that such term does not include aggregators of telecommunications services (as defined in 47 U.S.C. § 226(a)(2)). (R-1)

(h) Telecommunications service. The term "telecommunications service" refers to the offering of telecommunications for a fee directly to the public, or to such classes of users as to be effectively available directly to the public, regardless of the facilities used. (R-1)

Subpart B - Administration (R-1)**§ 52.7 Definitions. (R-1)**

As used in this subpart:

(a) *Area code or numbering plan area (NPA)*. The term "area code or numbering plan area" refers to the first three digits (NXX) of a ten-digit telephone number in the form NXX-NXX-XXXX, where N represents any one of the numbers 2 through 9 and X represents any one of the numbers 0 through 9.

(b) *Area code relief*. The term "area code relief" refers to the process by which central office codes are made available when there are few or no unassigned central office codes remaining in an existing area code and a new area code is introduced. Area code relief includes planning for area code "jeopardy," which is a situation where central office codes may become exhausted before an area code relief plan can be implemented. **(R-5)**

(c) *Central office (CO) code*. The term "central office code" refers to the second three digits (NXX) of a ten-digit telephone number in the form NXX-NXX-XXXX, where N represents any one of the numbers 2 through 9 and X represents any one of the numbers 0 through 9.

(d) *Central office (CO) code administrator*. The term "central office code administrator" refers to the entity or entities responsible for managing central office codes in each area code.

(e) *North American Numbering Plan Administrator (NANPA)*. The term "North American Numbering Plan Administrator" refers to the entity or entities responsible for managing the NANP.

(f) *Billing and Collection Agent*. The term "Billing & Collection Agent" ("B&C Agent") refers to the entity responsible for the collection of funds to support numbering administration for telecommunications services from the United States telecommunications industry and NANP member countries. **(R-5)**

§ 52.9 General requirements. (R-1)

(a) To ensure that telecommunications numbers are made available on an equitable basis, the administration of telecommunications numbers shall, in addition to the specific requirements set forth in this subpart:

(1) facilitate entry into the telecommunications marketplace by making telecommunications numbering resources available on an efficient, timely basis to telecommunications carriers;

(2) not unduly favor or disfavor any particular telecommunications industry segment or group of telecommunications consumers; and

(3) not unduly favor one telecommunications technology over another.

(b) If the Commission delegates any telecommunications numbering administration functions to

any State or other entity pursuant to 47 U.S.C. § 251(e)(1), such State or entity shall perform these functions in a manner consistent with this part.

§ 52.11/52.12(a)(1)(i)

§ 52.11 North American Numbering Council. (R-1)

The duties of the North American Numbering Council (NANC), may include, but are not limited to:

(a) advising the Commission on policy matters relating to the administration of the NANP in the United States;

(b) making recommendations, reached through consensus, that foster efficient and impartial number administration;

(c) initially resolving disputes, through consensus, that foster efficient and impartial number administration in the United States by adopting and utilizing dispute resolution procedures that provide disputants, regulators, and the public notice of the matters at issue, a reasonable opportunity to make oral and written presentations, a reasoned recommended solution, and a written report summarizing the recommendation and the reasons therefore; (R-5)

(d) recommending to the Commission an appropriate entity to serve as the NANPA;

(e) recommending to the Commission an appropriate mechanism for recovering the costs of NANP administration in the United States, consistent with § 52.17;

(f) carrying out the duties described in § 52.25;

(g) carrying out this part as directed by the Commission; (R-5)

(h) monitoring the performance of the NANPA and the B&C Agent on at least an annual basis; and (R-5)

(i) implementing, at the direction of the Commission, any action necessary to correct identified problems with the performance of the NANPA and the B&C Agent, as deemed necessary. (R-5)

§ 52.12 North American Numbering Plan Administrator and B&C Agent. (R-5)

The North American Numbering Plan Administrator ("NANPA") and the associated "B&C Agent" will conduct their respective operations in accordance with this section. The NANPA and the B&C Agent will conduct their respective operations with oversight from the Federal Communications Commission (the "Commission") and with recommendations from the North American Numbering Council ("NANC"). (R-5)

(a) (1) *Neutrality*. The NANPA and the B&C Agent shall be non-governmental entities that are impartial and not aligned with any particular telecommunication industry segment. Accordingly, while conducting their respective operations under this section, the NANPA and B&C Agent shall ensure that they comply with the following neutrality criteria: (R-5)

(i) the NANPA and B&C Agent may not be an affiliate of any

§ 52.11/52.12(a)(1)(i)

telecommunications service provider(s) as defined in the Telecommunications Act of 1996. "Affiliate" is a person who controls, is controlled by, or is under the direct or indirect common control with another person. A person shall be deemed to control another if such person possesses, directly or indirectly--

§ 52.12 North American Numbering Plan Administrator and B&C Agent. (R-5) (Cont'd)

(A) an equity interest by stock, partnership (general or limited) interest, joint venture participation, or member interest in the other person ten (10%) percent or more of the total outstanding equity interests in the other person, or

(B) the power to vote ten (10%) percent or more of the securities (by stock, partnership (general or limited) interest, joint venture participation, or member interest) having ordinary voting power for the election of directors, general partner, or management of such other person, or

(C) the power to direct or cause the direction of the management and policies of such other person, whether through the ownership of or right to vote voting rights attributable to the stock, partnership (general or limited) interest, joint venture participation, or member interest) of such other person, by contract (including but not limited to stockholder agreement, partnership (general or limited) agreement, joint venture agreement, or operating agreement), or otherwise;

(ii) The NANPA and B&C Agent, and any affiliate thereof, may not issue a majority of its debt to, nor may it derive a majority of its revenues from, any telecommunications service provider. "Majority" shall mean greater than 50 percent, and "debt" shall mean stocks, bonds, securities, notes, loans or any other instrument of indebtedness; and

(iii) Notwithstanding the neutrality criteria set forth in paragraphs (a)(1) (i) and (ii) of this section, the NANPA and B&C Agent may be determined to be or not to be subject to undue influence by parties with a vested interest in the outcome of numbering administration and activities. NANC may conduct an evaluation to determine whether the NANPA and B&C Agent meet the undue influence criterion.

(2) Any subcontractor that performs--

(i) NANP administration and central office code administration, or

(ii) Billing and Collection functions, for the NANPA or for the B&C Agent must also meet the neutrality criteria described in this section.

(b) *Term of Administration.* The NANPA shall provide numbering administration, including central office code administration, for the United States portion of the North American Numbering Plan ("NANP") for an initial period of five (5) years. At any time prior to the termination of the initial or subsequent term of administration, such term may be renewed for up to five (5) years with the approval of the Commission and the agreement of the NANPA. The B&C Agent shall provide billing and collection functions for an initial period of five (5) years. At any time prior to the termination of the initial or subsequent term of administration, such term may be renewed for up to five (5) years with the approval of the Commission and the agreement of the B&C Agent. **(R-5)**

(c) *Changes to Regulations, Rules, Guidelines or Directives.* In the event that regulatory

§ 52.12(c)/52.12(f)(3)

authorities or industry groups (including, for example, the Industry Numbering Committee--INC, or its successor) issue rules, requirements, guidelines or policy directives which may affect the functions performed by the NANPA and the B&C Agent, the NANPA and the B&C Agent shall, within 10 business days from the date of official

§ 52.12(c)/52.12(f)(3)

§ 52.12 North American Numbering Plan Administrator and B&C Agent. (R-5) (Cont'd)

notice of such rules, requirements, guidelines or policy directives, assess the impact on its operations and advise the Commission of any changes required. NANPA and the B&C Agent shall provide written explanation why such changes are required. To the extent the Commission deems such changes are necessary, the Commission will recommend to the NANP member countries appropriate cost recovery adjustments, if necessary. (R-5)

(d) *Performance review process.* NANPA and the B&C Agent shall develop and implement an internal, documented performance monitoring mechanism and shall provide such performance review on request of the Commission on at least an annual basis. The annual assessment process will not preclude telecommunications industry participants from identifying performance problems to the NANPA, the B&C Agent and the NANC as they occur, and from seeking expeditious resolution. If performance problems are identified by a telecommunications industry participant, the NANC, B&C Agent or NANPA shall investigate and report within 10 business days of notice to the participant of corrective action, if any, taken or to be taken. The NANPA, B&C Agent or NANC (as appropriate) shall be permitted reasonable time to take corrective action, including the necessity of obtaining the required consent of the Commission. (R-5)

(e) *Termination.* If the Commission determines at any time that the NANPA or the B&C Agent fails to comply with the neutrality criteria set forth in paragraph (a) of this section or substantially or materially defaults in the performance of its obligations, the Commission shall advise immediately the NANPA or the B&C Agent of said failure or default, request immediate corrective action, and permit the NANPA or B&C Agent reasonable time to correct such failure or default. If the NANPA or B&C Agent is unwilling or unable to take corrective action, the Commission may, in a manner consistent with the requirements of the Administrative Procedure Act and the Communications Act of 1934, as amended, take any action that it deems appropriate, including termination of the NANPA's or B&C Agent's term of administration. (R-5)

(f) *Required and optional enterprise services.* Enterprise Services, which are services beyond those described in § 52.13 that may be provided by the new NANPA for specified fees, may be offered with prior approval of the Commission. (R-5)

(1) *Required Enterprise Services.* At the request of a code holder, the NANPA shall, in accordance with industry standards and for reasonable fees, enter certain routing and rating information, into the industry-approved database(s) for dissemination of such information. This task shall include reviewing the information and assisting in its preparation.

(2) *Optional Enterprise Services.* The NANPA may, subject to prior approval and for reasonable fees, offer "Optional Enterprise Services" which are any services not described elsewhere in this section.

(3) *Annual report.* NANPA shall identify and record all direct costs associated with providing Enterprise Services separately from the costs associated with the non-enterprise NANPA functions. The NANPA shall submit an annual report to the NANC summarizing the revenues and costs for providing each Enterprise Service. NANPA shall be audited by an independent auditor after the first year of operations and every two years thereafter, and submit the report to the Commission for appropriate review and action.

§ 52.12(c)/52.12(f)(3)

Note: In a 10/09/07 Order, the Commission accepted the recommendation of the North American Numbering Council (NANC) and selected Lockheed IMS as the North American Numbering Plan Administrator (NANPA). The Commission also accepted the NANC's recommendation and selected NECA as the NANPA Billing and Collection Agent (B&C Agent), subject to a specific neutrality cure. (See R-5)

§ 52.13 North American Numbering Plan Administrator. (R-1)

(a) The North American Numbering Plan Administrator (NANPA) shall be an independent and impartial non-government entity.

(b) The NANPA shall administer the numbering resources identified in paragraph (d) of this section. It shall assign and administer NANP resources in an efficient, effective, fair, unbiased, and non-discriminatory manner consistent with industry-developed guidelines and Commission regulations. It shall support the industry's efforts to accommodate current and future numbering needs. It shall perform additional functions, including but not limited to: **(R-5)**

(1) ensuring the efficient and effective administration and assignment of numbering resources by performing day-to-day number resource assignment and administrative activities;

(2) planning for the long-term need for NANP resources to ensure the continued viability of the NANP by implementing a plan for number resource administration that uses effective forecasting and management skills in order to make the industry aware of the availability of numbering resources and to meet the current and future needs of the industry;

(3) complying with guidelines of the North American Industry Numbering Committee (INC) or its successor, related industry documentation, Commission regulations and orders, and the guidelines of other appropriate policy-making authorities, all of which may be modified by industry fora or other appropriate authority;

(4) providing management supervision for all of the services it provides, including responsibility for achieving performance measures established by the NANC and the INC in industry guidelines;

(5) participating in the NANC annual performance review as described in §§ 52.11 and 52.12;

(6) establishing and maintaining relationships with current governmental and regulatory bodies, and their successors, including the United States Federal Communications Commission, Industry Canada, the Canadian Radio-television and Telecommunications Commission, and other United States, Canadian, and Caribbean numbering authorities and regulatory agencies, and addressing policy directives from these bodies;

(7) cooperating with and actively participating in numbering standards bodies and industry fora, such as INC and, upon request, the Canadian Steering Committee on Numbering (CSCN);

(8) representing the NANP to national and international numbering bodies;

(9) developing and maintaining communications channels with other countries who also participate in the NANP to ensure that numbering needs of all countries served by the NANP are met;

(10) attending United States Study Group A meetings and maintaining a working knowledge of Study Group 2 International Telecommunications Union activities on behalf of the

United States telecommunications industry;

§ 52.13(b)(11)/52.13(c)(3)

§ 52.13 North American Numbering Plan Administrator. (R-1) (Cont'd)

(11) reviewing requests for all numbering resources to implement new applications and services and making assignments in accordance with industry-developed resource planning and assignment guidelines;

(12) referring requests for particular numbering resources to the appropriate industry body where guidelines do not exist for those resources;

(13) participating in industry activities to determine whether, when new telecommunications services requiring numbers are proposed, NANP numbers are appropriate and what level of resource is required (e.g. line numbers, central office codes, NPA codes);

(14) maintaining necessary administrative staff to handle the legal, financial, technical, staffing, industry, and regulatory issues relevant to the management of all numbering resources, as well as maintaining the necessary equipment, facilities, and proper billing arrangements associated with day-to-day management of all numbering resources;

(15) managing the NANP in accordance with published guidelines adopted in conjunction with the industry and the appropriate NANP member countries' governing agencies, and referring issues to the appropriate industry body for resolution when they have not been addressed by the industry;

(16) responding to requests from the industry and from regulators for information about the NANP and its administration, as the primary repository for numbering information in the industry;

(17) providing upon request information regarding how to obtain current documents related to NANP administration;

(18) providing assistance to users of numbering resources and suggesting numbering administration options, when possible, that will optimize number resource utilization;

(19) coordinating its numbering resource activities with the Canadian Number Administrator and other NANP member countries' administrators to ensure efficient and effective management of NANP numbering resources; and

(20) determining the final allocation methodology for sharing costs between NANP countries.

(c) In performing the functions outlined in paragraph (b) of this section, the NANPA shall: **(R-5)**

(1) ensure that the interests of all NANP member countries are considered;

(2) assess fairly requests for assignments of NANP numbering resources and ensure the assignment of numbering resources to appropriate service providers;

(3) develop, operate and maintain the computer hardware, software (database) and

§ 52.13(b)(11)/52.13(c)(3)

mechanized systems required to perform the NANPA and central office (CO) Code Administration functions;

§ 52.13 North American Numbering Plan Administrator. (R-1) (Cont'd)

(4) manage projects such as Numbering Plan Area (NPA) relief (area code relief) planning and the Central Office Code Utilization Survey (COCUS);

(5) facilitate NPA relief planning meetings;

(6) participate in appropriate industry activities;

(7) manage proprietary data and competitively sensitive information and maintain the confidentiality thereof;

(8) act as an information resource for the industry concerning all aspects of numbering (i.e., knowledge and experience in numbering resource issues, International Telecommunications Union (ITU) Recommendation E.164, the North American Numbering Plan (NANP), NANP Administration, INC, NANP area country regulatory issues affecting numbering, number resource assignment guidelines, central office code administration, relief planning, international numbering issues, etc.); and

(9) ensure that any action taken with respect to number administration is consistent with this part.

(d) The NANPA and, to the extent applicable, the B&C Agent, shall administer numbering resources in an efficient and non-discriminatory manner, in accordance with Commission rules and regulations and the guidelines developed by the INC and other industry groups pertaining to administration and assignment of numbering resources, including, but not limited to: **(R-5)**

(1) Numbering Plan Area (NPA) codes,

(2) Central Office codes for the 809 area,

(3) International Inbound NPA 456 NXX codes,

(4) (NPA) 500 NXX codes,

(5) (NPA) 900 NXX codes,

(6) N11 Service codes,

(7) 855-XXXX line numbers,

(8) 555-XXXX line numbers,

(9) Carrier Identification Codes,

(10) Vertical Service Codes,

(11) ANI Information Integer (II) Digit Pairs,

(12) Non Dialable Toll Points, and

§ 52.13(d)(13)/52.15(c)(1)

§ 52.13 North American Numbering Plan Administrator. (R-1) (Cont'd)

(13) New numbering resources as may be defined.

(e) *Relationships with other NANP member countries' administrators and authorities.* The NANPA shall address policy directives from other NANP member countries' governmental and regulatory authorities and coordinate its activities with other NANP member countries' administrators, if any, to ensure efficient and effective management of NANP resources. (R-5)

(f) *Transition plan.* The NANPA shall implement a transition plan, subject to Commission approval, leading to its assumption of NANPA functions within 90 days of the effective date of a Commission order announcing the selection of the NANPA. (R-5)

(g) *Transfer of intellectual property.* The new NANPA must make available any and all intellectual property and associated hardware resulting from its activities as numbering administrator including, but not limited to, systems and the data contained therein, software, interface specifications and supporting documentation and make such property available to whomever NANC directs free of charge. The new NANPA must specify any intellectual property it proposes to exclude from the provisions of this paragraph based on the existence of such property prior to its selection as NANPA. (R-5)

§ 52.15 Central office code administration. (R-1)

(a) Central Office Code Administration shall be performed by the NANPA, or another entity or entities, as designated by the Commission.

(b) Duties of the entity or entities performing central office code administration may include, but are not limited to:

(1) processing central office code assignment applications and assigning such codes in a manner that is consistent with this Part;

(2) accessing and maintaining central office code assignment databases;

(3) contributing to the CO Code Use Survey (COCUS), an annual survey that describes the present and projected use of CO codes for each NPA in the NANP;

(4) monitoring the use of central office codes within each area code and forecasting the date by which all central office codes within that area code will be assigned; and

(5) planning for and initiating area code relief, consistent with § 52.19.

(c) Any telecommunications carrier performing central office code administration:

(1) shall not charge fees for the assignment or use of central office codes to other telecommunications carriers, including paging and CMRS providers, unless the telecommunications carrier assigning the central office code charges one uniform fee for all

§ 52.13(d)(13)/52.15(e)(1)

carriers, including itself and its affiliates; and

§ 52.15 Central office code administration. (R-1) (Cont'd)

(2) shall, consistent with this subpart, apply identical standards and procedures for processing all central office code assignment requests, and for assigning such codes, regardless of the identity of the telecommunications carrier making the request.

(d) Central Office (CO) Code Administration functional requirements. The NANPA shall manage the United States CO code numbering resource, including CO code request processing, NPA code relief and jeopardy planning, and industry notification functions. The NANPA shall perform its CO Code Administration functions in accordance with the published industry numbering resource administration guidelines and Commission orders and regulations at 47 CFR chapter 1. Subject to the approval of the Commission, the NANPA shall develop a transition plan to transfer CO code assignment from the current administrators to itself and shall submit this plan to the Commission within 90 days of the effective date of a Commission order announcing the selection of the NANPA. The NANPA shall complete the transfer of CO code assignment functions from existing administrators to itself no more than 18 months after the NANPA has assumed all of said administrators' current NANPA function. **(R-5)**

(e) The new NANPA shall perform the numbering administration functions currently performed by Bellcore, and the CO code administration functions currently performed by the eleven CO code administrators, at the price agreed to at the time of its selection. The new NANPA may request from NANC, with subsequent approval by the Commission, an adjustment in this price if the actual number of CO Code assignments made per year, the number of NPAs requiring relief per year or the number of NPA relief meetings per NPA exceeds 120% of the NANPA's stated assumptions for the tasks at the time of its selection. **(R-5)**

§ 52.16 Billing and Collection Agent. (R-5)

The B&C Agent shall:

(a) Calculate, assess, bill and collect payments for numbering administration functions and distribute funds to NANPA on a monthly basis; **(R-5)**

(b) Design a standard Reporting Worksheet to collect information for assessment calculations from carriers and distribute it to carriers and other NANP nations; this worksheet must be submitted to the Commission for its review and approved by OMB prior to its use by the B&C Agent. **(R-5)**

(c) Keep confidential all data obtained from carriers and not disclose such data in company-specific form unless authorized by the Commission. The B&C Agent shall use such data only for calculating, collecting and verifying payments; **(R-5)**

(d) Develop procedures to monitor industry compliance with reporting requirements and propose specific procedures to address reporting failures and late payments; **(R-5)**

(e) File annual reports with the appropriate regulatory authorities of the NANP member countries as requested; and **(R-5)**

(f) Obtain an audit from an independent auditor after the first year of operations and annually thereafter, which shall evaluate the validity of calculated payments. The B&C Agent shall submit the audit report to the Commission for appropriate review and action. **(R-5)**

§ 52.17/52.19(c)(1)

§ 52.17 Costs of number administration. (R-1)

All telecommunications carriers in the United States shall contribute on a competitively neutral basis to meet the costs of establishing numbering administration.

(a) For each telecommunications carrier, such contributions shall be based on the gross revenues from the provision of its telecommunications services.

(b) The contributions in paragraph (a) of this section shall be based on each contributor's gross revenues from its provision of telecommunications services reduced by all payments for telecommunications services and facilities that have been paid to other telecommunications carriers.

§ 52.19 Area code relief. (R-1)

(a) State commissions may resolve matters involving the introduction of new area codes within their states. Such matters may include, but are not limited to: directing whether area code relief will take the form of a geographic split, an overlay area code, or a boundary realignment; establishing new area code boundaries; establishing necessary dates for the implementation of area code relief plans; and directing public education and notification efforts regarding area code changes.

(b) State commissions may perform any or all functions related to initiation and development of area code relief plans, so long as they act consistently with the guidelines enumerated in this part, and subject to paragraph (b)(2) of this section. For the purposes of this paragraph, initiation and development of area code relief planning encompasses all functions related to the implementation of new area codes that were performed by central office code administrators prior to February 8, 1996. Such functions may include: declaring that the area code relief planning process should begin; convening and conducting meetings to which the telecommunications industry and the public are invited on area code relief for a particular area code; and developing the details of a proposed area code relief plan or plans.

(1) The entity or entities designated by the Commission to serve as central office code administrator(s) shall initiate and develop area code relief plans for each area code in each state that has not notified such entity or entities, pursuant to paragraph (b)(2) of this section, that the state will handle such functions.

(2) Pursuant to paragraph (b)(1) of this section, a state commission must notify the entity or entities designated by the Commission to serve as central office code administrator(s) for its state that such state commission intends to perform matters related to initiation and development of area code relief planning efforts in its state. Notification shall be written and shall include a description of the specific functions the state commission intends to perform. Where the NANP Administrator serves as the central office code administrator, such notification must be made within 120 days of the selection of the NANP Administrator.

(c) New area codes may be introduced through the use of:

(1) a geographic area code split, which occurs when the geographic area served by an area code in which there are few or no central office codes left for assignment is split into two

§ 52.17/52.19(c)(1)

or more geographic parts;

§ 52.19 Area code relief. (R-1) (Cont'd)

(2) an area code boundary realignment, which occurs when the boundary lines between two adjacent area codes are shifted to allow the transfer of some central office codes from an area code for which central office codes remain unassigned to an area code for which few or no central office codes are left for assignment; or

(3) an area code overlay, which occurs when a new area code is introduced to serve the same geographic area as an existing area code, subject to the following conditions:

(i) No area code overlay may be implemented unless all central office codes in the new overlay area code are assigned to those entities requesting assignment on a first-come, first-serve basis, regardless of the identity of, technology used by, or type of service provided by that entity. No group of telecommunications carriers shall be excluded from assignment of central office codes in the existing area code, or be assigned such codes only from the overlay area code, based solely on that group's provision of a specific type of telecommunications service or use of a particular technology;

(ii) No area code overlay may be implemented unless there exists, at the 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; and

(iii) No area code overlay may be implemented unless every telecommunications carrier, including CMRS providers, authorized to provide telephone exchange service, exchange access, or paging service in that NPA 90 days before introduction of the new overlay area code, is assigned during that 90 day period at least one central office code in the existing area code.

Subpart C - Number Portability. (R-1)

§ 52.21 Definitions. (R-1)

As used in this subpart:

(a) The term *broadband PCS* has the same meaning as that term is defined in section 24.5 of this chapter, 47 CFR § 24.5.

(b) The term *cellular service* has the same meaning as that term is defined in § 22.99 of this chapter, 47 CFR § 22.9.

(c) The term *covered SMR* means either 800 MHz and 900 MHz SMR licensees that hold geographic area licenses or incumbent wide area SMR licensees that offer real-time, two-way switched voice service that is interconnected with the public switched network, either on a stand-alone basis or packaged with other telecommunications services. This term does not include local SMR licensees offering mainly dispatch services to specialized customers in a non-cellular system configuration, licensees offering only data, one-way, or stored voice services on an interconnected basis, or any SMR provider that is not interconnected to the public switched network.

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

(e) 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.

(f) The term *incumbent wide area SMR licensee* has the same meaning as that term is defined in § 20.3 of this chapter. **(R-1)**

(g) 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). **(R-1)**

(h) 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. **(R-1)**

(i) 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. **(R-1)**

(j) The term *long-term database method* means a database method that complies with the performance criteria set forth in § 52.3(a) of this chapter, 47 CFR § 52.3(a). **(R-1)**

(k) 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,

§ 52.21/52.21(k)

or convenience when switching from one telecommunications carrier to another. **(R-1)**

§ 52.21 Definitions. (R-1) (Cont'd)

(l) 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. **(R-1)**

(m) 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-1)**

(n) 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-1)**

(o) 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. **(R-1)**

(p) 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. **(R-1)**

(q) The term *transitional measure* means a method such as Remote Call Forwarding (RCF), Flexible Direct Inward Dialing (DID), or other comparable and technically feasible arrangement 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) of this chapter, 47 CFR § 52.3(a). **(R-1)**

§ 52.23 Deployment of long-term database methods for number portability by LECs. (R-1)

(a) Subject to subsections (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; (R-2)

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§ 52.23 Deployment of long-term database methods for number portability by LECs. (R-1)
(Cont'd)

(5) does not result in any degradation in service quality or network reliability when customers switch carriers; (R-2)

(6) does not result in a carrier having a proprietary interest; (R-2)

(7) is able to migrate to location and service portability; and (R-2)

(8) has no significant adverse impact outside the areas where number portability is deployed. (R-2)

(9) [Removed] (R-2)

(b) (1) All LECs must provide a long-term database method for number portability in the 100 largest Metropolitan Statistical Areas (MSAs) by December 31, 1998, in accordance with the deployment schedule set forth in the Appendix to this part, 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. (R-2)

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

(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

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

**§ 52.23 Deployment of long-term database methods for number portability by LECs. (R-1)
(Cont'd)**

(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, Common Carrier 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 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.
(R-2)

§ 52.25 Database architecture and administration. (R-1)

(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.

§ 52.25(d)/52.26(b)

§ 52.25 Database architecture and administration. (R-1) (Cont'd)

(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 Common Carrier 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, Common Carrier 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.

§ 52.26 NANC Recommendations on Local Number Portability Administration. (R-4)

(a) Local number portability administration shall comply with the recommendations of the North American Numbering Council (NANC) as set forth in the report to the Commission prepared by the NANC's Local Number Portability Administration Selection Working Group, dated April 25, 1997 (Working Group Report) and its appendices, which are incorporated by reference pursuant to 5 U.S.C. 552(a) and 1 CFR part 51. *Except that:* Section 7.10 of Appendix D of the *Working Group Report* is not incorporated herein. (R-4)

(b) In addition to the requirements set forth in the *Working Group Report*, the following requirements are established: (R-4)

§ 52.26 NANC Recommendations on Local Number Portability Administration. (R-4) (Cont'd)

(1) If a telecommunications carrier transmits a telephone call to a local exchange carrier's switch that contains any ported numbers, and the telecommunications carrier has failed to perform a database query to determine if the telephone number has been ported to another local exchange carrier, the local exchange carrier may block the unqueried call only if performing the database query is likely to impair network reliability;

(2) The regional limited liability companies (LLCs), already established by telecommunications carriers in each of the original Bell Operating Company regions, shall manage and oversee the local number portability administrators, subject to review by the NANC, but only on an interim basis, until the conclusion of a rulemaking to examine the issue of local number portability administrator oversight and management and the question of whether the LLCs should continue to act in this capacity; and

(3) The NANC shall provide ongoing oversight of number portability administration, including oversight of the regional LLCs, subject to Commission review. Parties shall attempt to resolve issues regarding number portability deployment among themselves and, if necessary, under the auspices of the NANC. If any party objects to the NANC's proposed resolution, the NANC shall issue a written report summarizing the positions of the parties and the basis for the recommendation adopted by the NANC. The NANC Chair shall submit its proposed resolution of the disputed issue to the Chief of the Common Carrier Bureau as a recommendation for Commission review. The Chief of the Common Carrier Bureau will place the NANC's proposed resolution on public notice. Recommendations adopted by the NANC and forwarded to the Bureau may be implemented by the parties pending review of the recommendation. Within 90 days of the conclusion of the comment cycle, the Chief of the Common Carrier Bureau may issue an order adopting, modifying or rejecting the recommendation. If the Chief does not act within 90 days of the conclusion of the comment cycle, the recommendation will be deemed to have been adopted by the Bureau.

(c) The Director of the Federal Register approves this incorporation by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies of the *Working Group Report* and its appendices can be obtained from the Commission's contract copier, International Transcription Service, Inc., 1231 20th St., N.W., Washington, D.C. 20036, and can be inspected during normal business hours at the following locations: 1919 M Street, N.W., Room 239 (FCC Reference Center), Washington, D.C. 20554 or at the Office of the Federal Register, 800 North Capitol Street, N.W., Suite 700, Washington, D.C. The *Working Group Report* and its appendices are also available on the Internet at <http://www.fcc.gov/ccb/Nanc/>. **(R-4)**

§ 52.27 Deployment of transitional measures for number portability. (R-1)

(a) All LECs shall provide transitional measures, which may consist of Remote Call Forwarding (RCF), Flexible Direct Inward Dialing (DID), or any other comparable and technically feasible method, as soon as reasonably possible upon receipt of a specific request from another telecommunications carrier, until such time as the LEC implements a long-term database method for number portability in that area.

§ 52.29/52.31(a)(1)(iv)(D)

§ 52.29 Cost recovery for transitional measures for number portability. (R-1)

(a) Any cost recovery mechanism for the provision of number portability pursuant to § 52.7(a) of this chapter, 47 CFR § 52.7(a), that is adopted by a state commission must not:

(1) give one telecommunications carrier an appreciable, incremental cost advantage over another telecommunications carrier, when competing for a specific subscriber (*i.e.*, the recovery mechanism may not have a disparate effect on the incremental costs of competing carriers seeking to serve the same customer); or

(2) have a disparate effect on the ability of competing telecommunications carriers to earn a normal return on their investment.

§ 52.31 Deployment of long-term database methods for number portability by CMRS providers. (R-1)

(a) By June 30, 1999, all cellular, broadband PCS, and covered SMR providers must provide a long-term database method for number portability, in the MSAs identified in the Appendix to this part in compliance with the performance criteria set forth in § 52.23(a), in switches for which another carrier has made a specific request for the provision of number portability, subject to paragraph (a)(1) of this section. **(R-2)**

(1) 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) For the MSAs identified in the Appendix to this part, carriers must submit requests for deployment by September 30, 1998;

(iii) A cellular, broadband PCS, or covered SMR provider 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;

(iv) After June 30, 1999, a cellular, broadband PCS, or covered SMR provider must deploy additional switches serving the MSAs identified in the Appendix to this part 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

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("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.

§ 52.31 Deployment of long-term database methods for number portability by CMRS providers. (R-1) (Cont'd)

(v) Carriers must be able to request deployment in any wireless switch that serves any area within that MSA, even if the wireless switch is outside that MSA, or outside any of the MSAs identified in the Appendix to this part.

(2) by June 30, 1999, all cellular, broadband PCS, and covered SMR providers must be able to support roaming nationwide.

(b) By December 31, 1998, all cellular, broadband PCS, and covered SMR providers must have the capability to obtain routing information, either by querying the appropriate database themselves or by making arrangements with other carriers that are capable of performing database queries, so that they can deliver calls from their networks to any party that has retained its number after switching from one telecommunications carrier to another.

(c) The Chief, Wireless Telecommunications 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, for the deadline in paragraph (b) of this section, and no later than March 31, 2000, for the deadline in paragraph (a) of this section).

(d) In the event a carrier subject to subsections (a) and (b) is unable to meet the Commission's deadlines for implementing a long-term number portability method, 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 carrier seeking such relief must demonstrate through substantial, credible evidence the basis for its contention that it is unable to comply with paragraphs (a) and (b) of this section. Such requests must set forth:

(1) the facts that demonstrate why the carrier is unable to meet our 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.

(e) The Chief, Wireless Telecommunications Bureau, may establish reporting requirements in order to monitor the progress of cellular, broadband PCS, and covered SMR providers implementing number portability, and may direct such carriers to take any actions necessary to ensure compliance with this deployment schedule.

§ 52.32/52.33(a)(1)

§ 52.32 Allocation of the shared costs of long-term number portability. (R-7)

(a) The local number portability administrator, as defined in section 52.21(h), of each regional database, as defined in section 52.21(1), shall recover the shared costs of long-term number portability attributable to that regional database from all telecommunications carriers providing telecommunications service in areas that regional database serves. Pursuant to its duties under section 52.26, the local number portability administrator shall collect sufficient revenues to fund the operation of the regional database by:

(1) assessing a \$100 yearly contribution on each telecommunications carrier identified in paragraph (a) introductory text that has no intrastate, interstate, or international end-user telecommunications revenue derived from providing telecommunications service in the areas that regional database serves, and

(2) assessing on each of the other telecommunications carriers providing telecommunications service in areas that regional database serves, a charge that recovers the remaining shared costs of long-term number portability attributable to that regional database in proportion to the ratio of:

(i) the sum of the intrastate, interstate, and international end-user telecommunications revenues that such telecommunications carrier derives from providing telecommunications service in the areas that regional database serves,

(ii) to the sum of the intrastate, interstate, and international end-user telecommunications revenues that all telecommunications carriers derive from providing telecommunications service in the areas that regional database serves.

******(b) The local number portability administrator for a particular regional database may require the telecommunications carriers providing telecommunications service in the areas served by the regional database to provide once a year that data necessary to calculate, pursuant to subparagraph (a)(1) or (a)(2) of this section, those carriers' portions of the shared costs of long-term number portability attributable to that regional database. All such telecommunications carriers shall comply with any such requests.

(c) Once a telecommunications carrier has been allocated, pursuant to subparagraph (a)(1) or (a)(2) of this section, its portion of the shared costs of long-term number portability attributable to a regional database, the carrier shall treat that portion as a carrier-specific cost directly related to providing number portability.

§ 52.33 Recovery of carrier-specific costs directly related to providing long-term number portability. (R-7)

(a) Incumbent local exchange carriers may recover their carrier-specific costs directly related to providing long-term number portability by establishing in tariffs filed with the Federal Communications Commission a monthly number-portability charge, as specified in subparagraph (a)(1), and a number portability query-service charge, as specified in subparagraph (a)(2).

****** (1) The monthly number-portability charge may take effect no earlier than February

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1, 1999, on a date the incumbent local exchange carrier selects, and may end no later than five years after that date.

§ 52.33 Recovery of carrier-specific costs directly related to providing long-term number portability. (R-7) (Cont'd)

(i) An incumbent local exchange carrier may assess each end user it serves in the 100 largest metropolitan statistical areas, and each end user it serves from a number-portability-capable switch outside the 100 largest metropolitan statistical areas, one monthly number-portability charge per line except that:

(A) One PBX trunk shall receive nine monthly number-portability charges.

(B) One PRI ISDN line shall receive five monthly number-portability charges.

(C) Lifeline Assistance Program customers shall not receive the monthly number-portability charge.

(ii) An incumbent local exchange carrier may assess on carriers that purchase the incumbent local exchange carrier's switching ports as unbundled network elements under section 251 of the Communications Act, and resellers of the incumbent local exchange carrier's local service, the same charges as described in subparagraph (a)(1)(A), as if the incumbent local exchange carrier were serving those carriers' end users.

(iii) An incumbent local exchange carrier may not assess a monthly number-portability charge for local loops carriers purchase as unbundled network elements under section 251.

(iv) The incumbent local exchange carrier shall levelize the monthly number-portability charge over five years by setting a rate for the charge at which the present value of the revenue recovered by the charge does not exceed the present value of the cost being recovered, using a discount rate equal to the rate of return on investment which the Commission has prescribed for interstate access services pursuant to Part 65 of the Commission's Rules.

(2) The number portability query-service charge may recover only carrier-specific costs directly related to providing long-term number portability that the incumbent local exchange carrier incurs to provide long-term number portability query service to carriers on a prearranged and default basis.

(b) All telecommunications carriers other than incumbent local exchange carriers may recover their number portability costs in any manner consistent with applicable state and federal laws and regulations.

**§§ 52.32(b) and 52.33(a)(1), which contain information collection requirements, are not effective until approved by the Office of Management and Budget.

§§ 52.34 - 52.99 [Reserved] (R-1)

Subpart D - Toll Free Numbers (R-3)

§ 52.101 General definitions. (R-3)

As used in this Part:

(a) *Number Administration and Service Center ("NASC")*. The entity that provides user support for the Service Management System database and administers the Service Management System database on a day-to-day basis.

(b) *Responsible Organization ("RespOrg")*. The entity chosen by a toll free subscriber to manage and administer the appropriate records in the toll free Service Management System for the toll free subscriber.

(c) *Service Control Points*. The regional databases in the toll free network.

(d) *Service Management System Database ("SMS Database")*. The administrative database system for toll free numbers. The Service Management System is a computer system that enables Responsible Organizations to enter and amend the data about toll free numbers within their control. The Service Management System shares this information with the Service Control Points. The entire system is the SMS database.

(e) *Toll Free Subscriber*. The entity that requests a Responsible Organization to reserve a toll free number from the SMS database.

(f) *Toll Free Number*. A telephone number for which the toll charges for completed calls are paid by the toll free subscriber. The toll free subscriber's specific geographic location has no bearing on what toll free number it can obtain from the SMS database.

§ 52.103 Lag times. (R-3)

(a) *Definitions*. As used in this section, the following definitions apply:

(1) *Assigned Status*. A toll free number record that has specific subscriber routing information entered by the Responsible Organization in the Service Management System database and is pending activation in the Service Control Points.

(2) *Disconnect Status*. The toll free number has been discontinued and an exchange carrier intercept recording is being provided.

(3) *Lag Time*. The interval between a toll free number's reservation in the Service Management System database and its conversion to working status, as well as the period of time between disconnection or cancellation of a toll free number and the point at which that toll free number may be reassigned to another toll free subscriber.

(4) *Reserved Status*. The toll free number has been reserved from the Service Management System database by a Responsible Organization for a toll free subscriber.

§ 52.101/52.103(a)(5)

(5) *Seasonal Numbers.* Toll free numbers held by toll free subscribers who do not have a year-round need for a toll free number.

§ 52.103 Lag times. (R-3) (Cont'd)

(6) *Spare Status*. The toll free number is available for assignment by a Responsible Organization.

(7) *Suspend Status*. The toll free service has been temporarily disconnected and is scheduled to be reactivated.

(8) *Unavailable Status*. The toll free number is not available for assignment due to an unusual condition.

(9) *Working Status*. The toll free number is loaded in the Service Control Points and is being utilized to complete toll free service calls.

(b) *Reserved Status*. Toll free numbers may remain in reserved status for up to 45 days. There shall be no extension of the reservation period after expiration of the initial 45-day interval.

(c) *Assigned Status*. Toll free numbers may remain in assigned status until changed to working status or for a maximum of 6 months, whichever occurs first. Toll free numbers that, because of special circumstances, require that they be designated for a particular subscriber far in advance of their actual usage shall not be placed in assigned status, but instead shall be placed in unavailable status.

(d) *Disconnect Status*. Toll free numbers may remain in disconnect status for up to 4 months. No requests for extension of the 4-month disconnect interval shall be granted. All toll free numbers in disconnect status must go directly into the spare category upon expiration of the 4-month disconnect interval. Responsible Organizations shall not retrieve a toll free number from disconnect status and return that number directly to working status at the expiration of the 4-month disconnect interval.

(e) *Suspend Status*. Toll free numbers may remain in suspend status until changed to working status or for a maximum of 8 months, whichever occurs first. Only numbers involved in billing disputes shall be eligible for suspend status.

(f) *Unavailable Status*.

(1) Written requests to make a specific toll free number unavailable must be submitted to DSMI by the Responsible Organization managing the records of the toll free number. The request shall include the appropriate documentation of the reason for the request. DSMI is the only entity that can assign this status to or remove this status from a number. Responsible Organizations that have a toll free subscriber with special circumstances requiring that a toll free number be designated for that particular subscriber far in advance of its actual usage may request that DSMI place such a number in unavailable status.

(2) Seasonal numbers shall be placed in unavailable status. The Responsible Organization for a toll free subscriber who does not have a year round need for a toll free number shall follow the procedures outlined in § 52.103(f)(1) of these rules if it wants DSMI to place a particular toll free number in unavailable status.

§ 52.105/52.107(a)

§ 52.105 Warehousing. (R-3)

(a) As used in this section, warehousing is the practice whereby Responsible Organizations, either directly or indirectly through an affiliate, reserve toll free numbers from the Service Management System database without having an actual toll free subscriber for whom those numbers are being reserved.

(b) Responsible Organizations shall not warehouse toll free numbers. There shall be a rebuttable presumption that a Responsible Organization is warehousing toll free numbers if:

(1) the Responsible Organization does not have an identified toll free subscriber agreeing to be billed for service associated with each toll free number reserved from the Service Management System database; or

(2) the Responsible Organization does not have an identified toll free subscriber agreeing to be billed for service associated with a toll free number before switching that toll free number from reserved or assigned to working status.

(c) Responsible Organizations shall not maintain a toll free number in reserved status if there is not a prospective toll free subscriber requesting that toll free number.

(d) A Responsible Organization's act of reserving a number from the Service Management System database shall serve as that Responsible Organization's certification that there is an identified toll free subscriber agreeing to be billed for service associated with the toll free number.

(e) *Tariff Provision.* The following provision shall be included in the Service Management System tariff and in the local exchange carriers' toll free database access tariffs:

[T]he Federal Communications Commission ("FCC") has concluded that warehousing, which the FCC defines as Responsible Organizations, either directly or indirectly through an affiliate, reserving toll free numbers from the SMS database without having an identified toll free subscriber for whom those numbers are being reserved, is an unreasonable practice under Sec. 201(b) of the Communications Act and is inconsistent with the Commission's obligation under Sec. 251(e) of the Communications Act to ensure that numbers are made available on an equitable basis; and if a Responsible Organization does not have an identified toll free subscriber agreeing to be billed for service associated with each toll free number reserved from the database, or if a Responsible Organization does not have an identified, billed toll free subscriber before switching a number from reserved or assigned to working status, then there is a rebuttable presumption that the Responsible Organization is warehousing numbers. Responsible Organizations that warehouse numbers will be subject to penalties.

§ 52.107 Hoarding. (R-3)

(a) As used in this section, hoarding is the acquisition by a toll free subscriber from a Responsible Organization of more toll free numbers than the toll free subscriber intends to use for the provision of toll free service. The definition of hoarding also includes number brokering, which is the selling of a toll free number by a private entity for a fee.

§ 52.107 Hoarding. (R-3) (Cont'd)

(1) Toll free subscribers shall not hoard toll free numbers.

(2) No person or entity shall acquire a toll free number for the purpose of selling the toll free number to another entity or to a person for a fee.

(3) Routing multiple toll free numbers to a single toll free subscriber will create a rebuttable presumption that the toll free subscriber is hoarding or brokering toll free numbers.

(b) *Tariff Provision.* The following provision shall be included in the Service Management System tariff and in the local exchange carriers' toll free database access tariffs:

[T]he Federal Communications Commission ("FCC") has concluded that hoarding, defined as the acquisition of more toll free numbers than one intends to use for the provision of toll free service, as well as the sale of a toll free number by a private entity for a fee, is contrary to the public interest in the conservation of the scarce toll free number resource and contrary to the FCC's responsibility to promote the orderly use and allocation of toll free numbers.

§ 52.109 Permanent cap on number reservations. (R-3)

(a) A Responsible Organization may have in reserve status, at any one time, either 2000 toll free numbers or 7.5 percent of that Responsible Organization's numbers in working status, whichever is greater.

(b) A Responsible Organization shall never reserve more than 3 percent of the quantity of toll free numbers in spare status as of the previous Sunday at 12:01 a.m. Eastern Time.

(c) The Common Carrier Bureau shall modify the quantity of numbers a Responsible Organization may have in reserve status or the percentage of numbers in the spare poll that a Responsible Organization may reserve when exigent circumstances make such action necessary. The Common Carrier Bureau shall establish, modify, and monitor toll free number conservation plans when exigent circumstances necessitate such action.

§ 52.111 Toll Free Number Assignment. (R-6)

Toll free numbers shall be made available on a first-come, first-served basis unless otherwise directed by the Commission.

**APPENDIX to Part 52 - Deployment Schedule
for Long-Term Database Methods for Local Number Portability**

Implementation must be completed by the carriers in the relevant MSAs during the periods specified below: **(R-2)**

Phase I -- 10/1/97-3/31/98	Phase II -- 1/1/98-5/15/98	Phase III -- 4/1/98-6/30/98
Chicago, IL 3	Detroit, MI 6 Cleveland, OH 20	Indianapolis, IN 34 Milwaukee, WI 35 Columbus, OH 38
Philadelphia, PA 4	Washington, DC 5 Baltimore, MD 18	Pittsburgh, PA 19 Newark, NJ 25 Norfolk, VA 32
Atlanta, GA 8	Miami, FL 24 Fort Lauderdale, FL 39 Orlando, FL 40	New Orleans, LA 41 Charlotte, NC 43 Greensboro, NC 48 Nashville, TN 51
		Las Vegas, NV 50
	Cincinnati, OH 30	
	Tampa, FL 23	
New York, NY 2	Boston, MA 9	Nassau, NY 13 Buffalo, NY 44
Los Angeles, CA 1	Riverside, CA 10 San Diego, CA 14	Orange Co, CA 15 Oakland, CA 21 San Francisco, CA 29
		Rochester, NY 49
Houston, TX 7	Dallas, TX 11 St. Louis, MO 16	Kansas City, KS 28 Fort Worth, TX 33
		Hartford, CT 46
Minneapolis, MN 12	Phoenix, AZ 17 Seattle, WA 22	Denver, CO 26 Portland, OR 27

Phase IV -- 7/1/98-9/30/98		Phase V -- 10/1/98-12/31/98	
Grand Rapids, MI	56	Toledo, OH	81
Dayton, OH	61	Youngstown, OH	85
Akron, OH	73	Ann Arbor, MI	95
Gary, IN	80	Fort Wayne, IN	100
Bergen, NJ	42	Scranton, PA	78
Middlesex, NJ	52	Allentown, PA	82
Monmouth, NJ	54	Harrisburg, PA	83
Richmond, VA	63	Jersey City, NJ	88
		Wilmington, DE	89
Memphis, TN	53	Birmingham, AL	67
Louisville, KY	57	Knoxville, KY	79
Jacksonville, FL	58	Baton Rouge, LA	87
Raleigh, NC	59	Charleston, SC	92
West Palm Beach, FL	62	Sarasota, FL	93
Greenville, SC	66	Mobile, AL	96
		Columbia, SC	98
Honolulu, HI	65	Tulsa, OK	70
Providence, RI	47	Syracuse, NY	69
Albany, NY	64	Springfield, MA	86
San Jose, CA	31	Ventura, CA	72
Sacramento, CA	36	Bakersfield, CA	84
Fresno, CA	68	Stockton, CA	94
		Vallejo, CA	99
San Antonio, TX	37	El Paso, TX	74
Oklahoma City, OK	55	Little Rock, AR	90
Austin, TX	60	Wichita, KS	97
		New Haven, CT	91
Salt Lake City, UT	45	Omaha, NE	75
Tucson, AZ	71	Albuquerque, NM	76
		Tacoma, WA	77