



Third Quarter 2009

Provided by the North American Numbering Plan Administration

## NANPA Newsletter Passes 10-Year Mark

With this edition, the NANPA Newsletter passes a 10-year milestone as a publication. Over that time, NANPA has strived to bring relevant and accurate information to the readers of the newsletter in a concise and informative manner.

Publication of a general newsletter began with NANPA Numbering News in August/September, 1999, when NANPA was still part of Lockheed Martin™ Communications Industry Services (CIS). A separate publication that addressed state telephone numbering regulatory topics called The State Scene was also published at that time. NANPA Numbering News was previously published every two months, but eventually was made a quarterly publication. Subjects covered by The State Scene were incorporated into the NANPA Newsletter after 2002.

Over the years, the newsletter has covered virtually every area of NANPA's operations including code administration, regulatory matters, system deployments, and organizational changes. Newsletter articles have been used as the foundation for training material, process documentation, relief plans, and website updates. Popular, periodic items such as interviews, survey notices, profiles, and puzzles have also been included.

The NANPA Newsletter is available to readers via the NANPA website ([www.nanpa.com](http://www.nanpa.com)) under Publications, then Newsletters. Notice of the posting of new editions is available to NAS users and email mailing list subscribers who select NANPA Newsletters under Non-Geographic Notifications. ■

## NANP Resource Status Update

### NPA (Area Codes)

Since January 1, 2009, five area codes have been assigned. NPA 938 was assigned as the relief area code for the Alabama NPA 256. NPA 849 was assigned to relieve the Dominican Republic NPA 809/829. NPA 531 was assigned to relieve the Nebraska 402 NPA. NPA 579 was assigned to relieve the NPA 450 in Quebec, Canada. And finally, NPA 721 was assigned to Sint Maarten, Netherlands, Antilles.

Four NPAs have gone into service: NPA 681 in West Virginia; NPA 385 in Utah; NPA 747 in California; and NPA 849 in the Dominican Republic.

Three new NPA codes will go into service in the 4Q09. Illinois NPA 872 will over NPAs 773 and 312. California NPA 442 will overlay NPA 760.

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## Local Calling Areas and Code Conflicts

Have you as a service provider ever ordered a central office code and later found out that it presented a dialing conflict within the local calling area? NANPA wants to avoid this "code conflict" situation. When a local calling area allows 7-digit dialing across an NPA boundary, there is the need to protect the codes that are dialed to avoid a "double assignment" of the same code in both NPAs within the local 7-digit calling area. This protection comes in the form of NANPA keeping track of the rate centers involved in these local calling areas and identifying them as 'protected routes.'

As service providers either expand these old routes or establish new local calling areas, they need to notify NANPA with a copy of a tariff or other information that will reflect the calling areas, to include the rate centers permitting 7-digit dialing across NPA boundaries. NANPA can then update its records in the NANP Administration System (NAS), preventing the assignment of a central office code that will not support the 7-digit local dialing. The same holds true if a service provider eliminates a protected route, removing any restrictions on the central office codes that can be assigned within the local calling area. ■

### Mark Your Calendar!

#### INC Calendar

INC108: October 13-14, 2009  
Sterling, VA

INC109: December 7-11, 2009  
San Antonio, TX

## News Brief

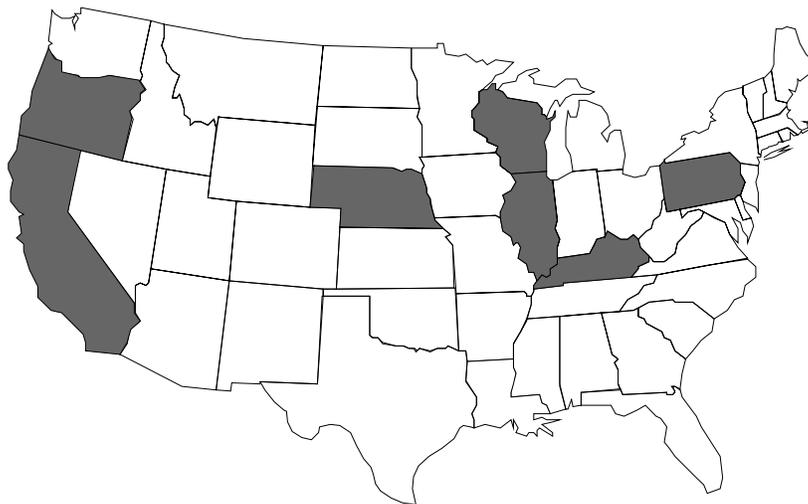
In September 2009, the FCC released its “Numbering Resource Utilization in the United States” report. This report used NRUF data of as of December 31, 2008. The report can be found at [www.fcc.gov/wcb/stats](http://www.fcc.gov/wcb/stats).

On August 18, 2009, NANPA issued Planning Letter 394, which contained a status on the NPA 500 resource. The 500 resource is presently projected to exhaust in 2H09. The Planning Letter can be found on the NANPA website under “Publications,” “Planning Letters.”

The PCS 5YY NXX Assignment Guidelines have been modified to require applicants for an initial 5YY NXX code to place this resource in service within six (6) months of the date of assignment, rather than 12 months. This change was effective September 18, 2009.

A new Appendix G was added to the NPA Code Relief Planning and Notification Guidelines that provides a summary of various technical considerations when implementing an NPA overlay or geographic split.

A revised NRUF State Database Guide was distributed to those state commissions that receive a copy of the NRUF data for their respective NPAs. The guide contains descriptions of Table entries in the database and new glossary definitions. ■



## Area Code Relief Activity

**California 760 NPA** – The California Public Utilities Commission approved an all-services overlay as the relief method for the 760 NPA. The new 442 NPA will serve the same geographic area currently served by the existing 760 NPA. Permissive seven-digit or one plus ten-digit dialing began May 2, 2009 and mandatory one plus ten-digit dialing starts October 24, 2009. (See PL- 381).

**Update on the IL 312 and 773 NPAs Overlay with new 872 NPA** - The Illinois Commerce Commission ordered an overlay for the Chicago 312 and 773 NPAs with the implementation of the overlay not to take place until after all 312 or 773 NPA-NXX codes have been assigned. The last 773 NPA-NXX code was assigned on July 9, 2009. The first NXX code from the new 872 NPA was assigned August 7, 2009 which started the 90-day permissive dialing period. Mandatory 1 plus 10-digit dialing begins November 7, 2009, also the effective date of the 872 NPA. (See PL-392).

**Nebraska 402 NPA** – The Nebraska Public Service Commission approved an all-services overlay as the relief method for the 402 NPA. The new 531 NPA will serve the same geographic area currently service by the existing 402 NPA. An implementation schedule is pending with the NPSC. (See PL-393).

**Oregon 541 NPA** - The Oregon Public Utilities Commission approved an all-services overlay as the relief method for the 541 NPA. The new 458 NPA will serve the same geographic area currently served by the existing 541 NPA. Permissive seven-digit or ten-digit dialing began July 12, 2009 and mandatory ten-digit dialing starts January 10, 2010. (See PL-383).

**Wisconsin 715 NPA** - The Public Service Commission of Wisconsin approved an all-services overlay as the relief method for the 715 NPA. The new 534 NPA will serve the same geographic area currently served by the existing 715 NPA. Permissive seven-digit or ten-digit dialing begins October 17, 2009 and mandatory ten-digit dialing starts July 17, 2010 (See PL-384).

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## **NAS Enhanced to Permit Attachments to Notices**

NANPA has enhanced the NANP Administration System (NAS) to permit the inclusion of an attachment to an email notification sent via the NANP Notification System (NNS).

The NAS NNS functionality permits the distribution of an email to interested parties on such items as changes to assignment guidelines, NRUF issues, availability of planning letters, client education and system maintenance and availability. Notifications are also available on a state-by-state basis, providing information about NPA relief planning activities, jeopardy notifications and state-specific regulatory activities. All NNS notices are stored in the system, allowing NAS registered users to access previous notices as far back as 1999.

This new capability will permit NANPA staff to include, when applicable, an attachment to the NNS notice. For example, when a notice is sent concerning the availability of a NANPA Newsletter, the Newsletter itself can be included with the notice in addition to referencing where on the public NANPA website it can be found.

Use of this enhancement by NANPA will be determined based upon the type of notice being sent as well as the impact on recipients' email systems (e.g., spam filters permitting a notice with an attachment to be delivered to the end user). ■

## **Area Code Relief Activity**

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*Kentucky 270 NPA* – Planning Letter 391 was published on the NANPA [www.nanpa.com](http://www.nanpa.com) website on July 1, 2009 delaying the start of permissive dialing of the 270/364 NPA split from March 28, 2010 to October 29, 2011. This change is in response to the April 2009 NRUF that moved the projected exhaust date for the KY 270 area code from 2Q2011 to 2Q2012. The June 2, 2009 KY PSC order deferred setting a date certain for mandatory dialing.

*New Relief Petition filed in Pennsylvania* – On July 2, 2009, NANPA filed on behalf of the industry a relief petition for the PA 570 NPA. The industry recommended an overlay for the existing 570 NPA.

*Industry Consensus Recommendations Denied* - On July 29, 2009, the PA PUC issued two orders denying consensus recommendations for overlays for the PA 570 and PA 814 NPAs pending receipt of comments and further proceedings. ■

## **Updating Contact Information**

As an assignee of a Carrier Identification Code (CIC), 500 NXX code, 900 NXX code or 555 line number, it is your obligation to keep NANPA advised of current contact information. If your phone number, fax number or email address changes, if your office location changes, if the contact person associated with your assignment is replaced by another individual, it is necessary to submit a CIC PART A application form, PCS 5YY NXX Part A form, 9YY NXX Part A form, or 555 Part 1 form via NAS (whichever is appropriate to your assignment) so that NANPA's records reflect the most current contact information on your assignment(s).

Updating your NAS profile does not update contact information on your CIC, 5YY-NXX, 9YY-NXX or 555 line number assignment(s). Should NANPA attempt to contact you and is unable to do so due to any of the changes noted above, your assignment may be categorized as abandoned. Further, if your assignment appears unused and NANPA is unable to successfully contact you due to any of the changes noted above, your assignment may become subject to reclamation. ■

## NANPA Adds New Security Features in NAS

In its on-going efforts to keep NAS up to date with the latest security features, NANPA introduced new security features related to the registration capabilities in NAS. Below is a summary of these enhancements and what they mean to the NAS user.

- When a new NAS user's profile has been approved and the user receives his password from NANPA, the user must login into NAS within 14 calendar days of the date the password is provided. When the user logs into NAS, the user will be required to reset his password at the login screen. If the user fails to activate the profile by not logging into the system within 14 days, the profile will be disabled.
- If an existing NAS user fails to reset his password within the 180 day timeframe, the user must contact NANPA to re-enable the profile and be issued a new password. The user must then log into NAS within 14 calendar days of the date the profile was enabled. When the user logs into NAS, the user will be required to reset his password.
- If an existing NAS user fails to reset his password, the NAS profile will be suspended. NAS will continue to send NNS notices to the user, but no other NAS-generated work item-related emails will be sent to the user. This includes Part 3, Part 4 reminders, Part 5s and state reports. Nor will the user have access to NAS. The user will receive weekly reminders to contact NANPA to reset his NAS password. If the user fails to contact NANPA within 90 days of the date his NAS account is suspended, the profile will automatically be disabled and the user will cease to receive NNS notices.
- Thirty calendar days prior to a user's password expiring, the user will see a reminder to reset his password each time he logs into NAS.
- Users that use the "Reset your password" functionality already available in NAS will not see any changes to this process. ■

## NANP Resource Status Update

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And Connecticut NPA 475 will overlay NPA 203. See the NANPA website for more details.

### Central Office Code Activity

From January 1 through August 31, 2009, NANPA assigned 1,426 central office codes. A total of 364 codes have been returned/reclaimed.

Below is a comparison of 2009 (annualized) with 2006, 2007 and 2008.

	2006	2007	2008	2009 (annualized)
Assignments	4,079	3,216	2,946	2,139
Denials	1,326	1,364	865	749
Returns/Reclamations	666	749	784	546
Net Assignments	3,413	2,467	2,162	1,593

### FG B Carrier Identification Codes (CICs)

There have been no new FGB CICs assigned by NANPA in 2009 and thirteen (13) FGB CICs reclaimed.

As of August 31, 2009, 276 FGB CICs were assigned in total. The potential exhaust of the FG B CIC resource is not a concern based on the current rate of assignment.

### FG D Carrier Identification Codes (CICs)

From January 1 to August 31, 2009, NANPA assigned 49 FGD CICs. US/Canadian switchless resellers received 17 of these assignments. As of August 31, 2009, 7,753 FGD CICs remain available for assignment. NANPA continued its effort during 2009 to investigate and reclaim FGD CICs that were "abandoned" (assigned to companies no longer in business) and/or not in service. Our efforts resulted in the reclamation of 53 FGD CICs.

As of August 31, 2009, 2,023 FGD CICs were assigned in total. Based on the 2009 average monthly assignment rate and the current FCC limit of two (2) FGD CICs per "entity," the potential exhaust of the FG D CIC resource is not a concern at this time.

All ranges of FGD CICs are now available for assignment (i.e., 0XXX-9XXX) with the exception of the following 223 unassignable codes: 0000, 5000 (both set aside for testing purposes only), 0911, X411, 411X, and 9000-9199 (to be used for intra-network purposes only).

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### 500 NPA

From January 1 through August 31, 2009, NANPA assigned 90 500-NXX codes. Over that same time period, 15 codes were reclaimed or returned. As of August 31, 2009, there were sixty-five (65) 500 NXXs available for assignment.

Based upon the available supply of 500 NXXs and the forecasted demand as provided via the August 2009 Number Resource Utilization and Reporting (NRUF) submission cycle, up to and including all NRUF forecasts on file as of August 31, 2009, the 500 resource is projected to exhaust by the end of 2009.

### 900 NPA

In the first half 2009, there were no new 900-NXX codes assigned by NANPA and no codes were reclaimed/returned. As of August 31, 2009, there were 115 codes assigned, 47 codes reserved (for Canadian use), 8 unassignable codes (N11s), and 630 available NXXs.

### 555 Line Numbers

The intended use for 555 line numbers, in the format 555-XXXX, where X is any digit from 0 through 9, includes the provisioning of information services, but may grow to include a broad range of existing and future services as well. From January 1 through August 31, 2009, 37 new 555 line numbers were assigned by NANPA, and 21 (17 non-national and 4 national) 555 line number assignments were reclaimed.

As of August 31, 2009, a total of 7,607 national assignments and 391 non-national assignments (292 actual line numbers) were in effect. In addition, 116 line numbers remain in “dispute” status, and 100 line numbers are reserved for the entertainment/advertising industries. As of August 31, 2009, there were 1,884 555 line numbers available for assignment. The current assignment trend indicates no concern for exhaust of this resource.

### **NPA 456 (International Inbound Service), 800-855, Vertical Service Codes and Automatic Number Identification (ANI) II Digits and N11 Codes**

The purpose of NPA 456 and its associated NXXs is to enable the routing of inbound international calls for carrier-specific services, particular to that service provider’s network, to and between countries served by the NANP. 800-855 numbers are used only for the purpose of accessing public services on the Public Switched Telephone Network (PSTN) intended for the deaf, hard of hearing, or speech impaired. Vertical Service Codes (VSCs) are customer-dialed codes in the \*XX or \*2XX dialing format for touch-tone and the 11XX or 112XX dialing format for rotary phones. They are used to provide customer access to features and services (e.g. call forwarding, automatic callback, etc.) provided by network service providers such as local exchange carriers, interexchange carriers or commercial mobile radio service (CMRS) providers. Automatic Number Identification (ANI) “II” digits are digit pairs sent with the originating telephone number. The digit pair identifies the type of originating station; e.g., plain old telephone service (POTS) or hotel/motel.

There have been no assignments of these resources in 2009. ■