NANPA
news

NANP Resource Status Update

The following is an update on NANP resource assignment activity from January 1, 2011 through December 31, 2011.

NPA (Area) Codes

Three (3) new NPAs were assigned in 2011. NPA 437 was assigned as the relief area code for the Ontario, Canada 416/647 NPA complex. NPA 236 was assigned to relieve the British Columbia, Canada 250/604/778 NPA complex. NPA 639 was assigned to relieve NPA 306 in Saskatchewan, Canada.

Four (4) area codes went into service in 2011: NPA 249 in Ontario, Canada (overlay of NPA 705), NPA 539 in Oklahoma (overlay of NPA 918), NPA 929 in New York (overlay of the 718/347 overlay complex) and NPA 721, which was assigned to Sint Maarten.

At the end of 2011, there were 389 assigned NPAs in the NANP. Of these, 358 were in service; 345 as geographic area codes and 13 as non-geographic codes. There were 31 area codes awaiting implementation. 292 NPAs were currently unassigned.

NPA Relief Planning Process Enhancements

A decade ago, NPA (Area Code) Relief Planning meetings were face-to-face meetings in a location within the area code that was exhausting the available supply of central office codes or prefixes. The meetings would last up to two days, with most of one day focused on identifying the Pros and Cons associated with each relief alternative being reviewed (e.g., NPA split or overlay).

Now, Relief Planning meetings last about three hours and are held via conference call. There are no travel expenses, allowing more companies to participate. With the implementation of the on-line meeting capability (i.e., web conferencing), NANPA has enhanced a number of tools it uses for these meetings.

One new tool is a listing of the Pros and Cons associated with each relief alternative. This meeting aid includes a list of all the Pros and Cons the industry has developed during NPA relief planning meetings over the past several years. Before this meeting aid was created, NANPA recorded each Pro and Con during the meeting and then read them back during the conference call for verification. This process had to be repeated for each relief alternative during the call.

NAS and PAS User IDs Must Match

All service providers that participate in pooling and submit applications for central office codes (e.g., new assignments, changes, returns, Part 4s) through the Pooling Administration System (PAS) must make sure their NANP Administration System (NAS) Login ID matches their PAS Login ID. Please note that NAS and PAS passwords do not match.

In order for NAS to accept a CO code application that is submitted into PAS and then forwarded to NANPA via the NAS-PAS interface, the NAS Login ID (not password) must be identical to the PAS Login ID.

Mark Your Calendar!

INC Calendar

INC 123:	Week of April 16, 2012 Bellevue, WA (AMOC meeting)
INC 124:	Week of June 25, 2012 Sterling, VA
INC 125:	Week of August 13, 2012 Denver, CO
INC 126:	Week of October 1, 2012 Overland Park, KS
INC 127:	Week of December 3, 2012 St. Louis, MO

NANC Calendar
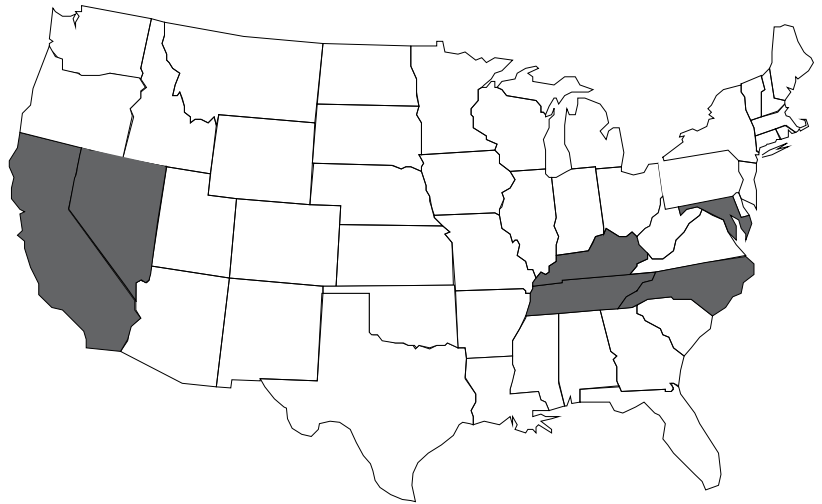
June 7, 2012
September 20, 2012
December 13, 2012

News Brief

The 2011 NANPA Annual Report is now available on the NANPA website (www.nanpa.com). The annual report provides an excellent summary of the status of all NANP resources, addresses NANPA's quality assurance measurements and includes a summary of numbering activities over the past year.

On February 27, 2012, NANPA released new exhaust projections for the Arkansas 870 and Pennsylvania 814 NPAs. The 870 NPA is projected to exhaust 4Q20. The 814 NPA is forecasted to exhaust in 2Q18. The NPA exhaust projections can be found on the NANPA website under Reports, NRUF.

The Central Office Code (NXX) Assignment Guidelines state that requests for code assignments cannot be made more than 6 months prior to the requested effective date. The INC recently added the statement that any subsequent modifications to the effective date shall not extend the effective date to more than six months beyond the original application date.

The April 2012 NPA and NANP exhaust projections will be available on the NANPA website at the end of April. Notice of their availability will be provided via the NANP Notification System. ■

Area Code Relief Planning Activity

Maryland 410/443/667 Completed – The introduction of the new 667 NPA as the third NPA in the 410/443/667 overlay complex took place on March 24, 2012. (See PL-427).

North Carolina 919 Overlay Nearing Completion – The implementation of the 984 overlay of the 919 NPA is nearly complete. Mandatory 10-digit dialing started March 31, 2012. The effective date of the new 984 NPA is April 30, 2012. (See PL-422).

California 408 NPA Overlay – On October 20, 2011, the California Public Utilities Commission approved an all-services overlay as the relief method for the 408 NPA. Permissive 1+10-digit dialing is scheduled to begin April 21, 2012 with mandatory 1+10-digit dialing starting October 20, 2012. The effective date of the new 669 NPA is November 20, 2012. (See PL-430).

Relief Planning for Kentucky 270 Underway – On February 23, 2012, NANPA conducted an NPA relief planning meeting for the 270 NPA. The industry reached consensus to recommend an all-services overlay to the Kentucky Public Service Commission.

Nevada 702 Relief Planning Meeting Scheduled – On March 22, 2012, NANPA conducted a pre-IPD meeting in preparation for the NPA Relief Planning meeting in late April. NPA 702 is projected to exhaust in 2Q15.

Tennessee 615 NPA - On March 9, 2012, NANPA released a new exhaust projection for the Tennessee 615 area code. The 615 NPA is forecasted to exhaust in 2Q15. The NPA exhaust projections can be found on the NANPA website under Reports, NRUF. ■

NAS and PAS User IDs Must Match

Please contact the NAS Help Desk at 866-623-2282 to change your NAS Login ID if it is different from your PAS Login ID. Further, please ensure that the OCNs and NPAs included in your NAS and PAS user profiles are the same. Any differences can cause a delay or a denial per Section 5.2.1 of the Central Office Code (NXX) Assignment Guidelines. ■

Where did the Codes Go?

Have you ever wondered what states or area codes had the most CO code assignments in a year? NANPA has the answer.

Below is a list of the top five states in the US in terms of net (total codes assigned less codes returned) assignments in 2011.

State	Net CO Code Assignments
New York	190
Texas	176
Florida	127
Illinois	123
Maryland	122

In terms of area codes, New York's 718/347/929 led the pack with net assignments equaling 81 codes. Maryland's two overlay complexes followed, with 62 assignments in 410/443 and 60 assignments in 301/240. Texas' 713/281/832 complex saw 40 net assignments, followed by its 214/469/972 complex with 38 assignments. ■
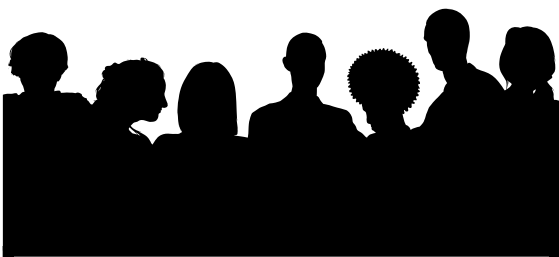
NPA Relief Planning Process Enhancements

The new Pros and Cons table aid has a column for each proposed alternative relief plan on the left side of the table with all of the Pros and Cons listed on the right side. Using the on-line meeting capability, an X can be entered in real time in the appropriate column for the relief alternative being discussed as the industry views the table and selects the Pros and Cons they desire for each relief alternative. If a new Pro or Con is suggested, an additional row can be added to the table real-time.

NANPA has also introduced a new aid for the development of proposed dialing plans and implementation schedules. This new aid was introduced during the Kentucky 270 NPA Relief Planning meeting. When displayed via the on-line capability, it permits the industry to make an immediate decision on what to include in the Relief Petition for their recommendations to the state regulatory commission.

As a neutral third party, NANPA takes no position on the type of relief recommended. These meeting aids only include information the industry has developed during previous meetings.

Looking ahead, NANPA will look for other ways to take advantage of the on-line meeting capability. Participants in NPA relief planning activities that receive NANPA notices should check to see if the on-line meeting capability will be used for an upcoming activity. NANPA will include the on-line meeting information with the notice posted in the NAS NANP Notification System. ■

Meet your NANPA

Name: Michael Ortega

Position: Central Office Code Administrator

Current Responsibilities: NPA/NXX Code Administrator for 23 states.

Time with NANPA: 5 years

Work Background: Prior to joining NANPA in 2006, Michael worked with several telecommunications companies in various roles including traffic engineering, circuit design, and local number portability. Michael was also in product management, successfully launching a digital subscriber line (DSL) product.

Interesting Tidbit: One of Michael's favorite quotes is from author Eckhart Tolle, "Not to be able to stop thinking is a dreadful affliction, but we don't realize this because almost everyone is suffering from it, so it is considered normal. This incessant mental noise prevents you from finding that realm of inner stillness that is inseparable from Being."

Outside the office: Michael is intimately involved with fitness, nutrition and understanding how the human body works on a cellular level. He is an avid Bass fisherman and owns his own 21 foot bass fishing boat. You can find him on the water fishing most weekends from spring through early winter. Upstate New York is one of his favorite destinations. ∎

NRUF Preparation: A Checklist

This past December, NAS NRUF training was offered to service providers with active NAS registrations. At the training, the checklist below of monthly actions was presented to participants for use in the preparation and filing of an NRUF:

June/December:

• Confirm which central office codes and/or thousands-blocks are in your inventory. These can be checked by using the Central Office Code Utilized Report on our website (www.nanpa.com) and the Blocks Report on the Pooling Administrator's website (www.nationalpooling.com). Confirming your inventory in advance by Operating Company Number (OCN) can ensure that your filing is complete for all of your assigned resources.

• Identify contacts within your company who can provide utilization and forecast data. For the utilization portion of the NRUF, these may be individuals who have access to order entry systems or network translations. For the forecast piece of the NRUF, these individuals may be in marketing. Gathering the correct data from the correct sources can enable you to file accurately.

• Review and choose a filing method (NAS, Email/Spreadsheet, FTP). Review of the various filing methods as described on the NANPA website, and choosing the best one for your organization, can be a real time saver.

• Take the necessary steps to take your "snapshot" of the status of your telephone number inventory on June 30/December 31. This may take some coordination your part with others in your organization. Remember, the quantities of telephone numbers listed in the applicable usage worksheets (U1, U2, etc.) should reflect your usage as of June 30 or December 31 for the applicable cycle, not usage as of the day that you file.

July/January:

• Assemble and finalize utilization data based on the "snapshot" of usage data you've done on June 30/December 31, including the quantity for each usage category (Assigned, Admin, etc.) Decide which utilization worksheet(s) to use (U1, U2, etc.) You may need to carefully review raw data from various sources to get an accurate picture of your usage. Also, you may need to review the usage category definitions as described in the Instructions for Form 502.

• Assemble and finalize forecast data based on the forecast form you've selected (F1a, F1b, etc.) Make sure that you are looking out five years in your evaluation of how many codes and/or thousands-blocks you will need.

• Submit your NRUF. Avoid waiting until the last minute on the due date (August 1/February 1). This way you can respond if there are errors associated with your submission in advance of the due date.

• The next business day after you've filed, run a Utilization Missing Report in NAS to see if you are missing any codes and/or thousands-blocks for your submission. Also, run a Donation Discrepancy Report in NAS to see if you are listing any thousands-blocks as "donated" when they are really assigned to you. Update your NRUF to add or correct any codes and/or thousands-blocks listed.

After the Due Date (August 1/February 1):

• Respond to any missing utilization or anomalous notifications sent to you. NANPA notifies service providers who fail to file for some or all of their numbering resources.

• Update your forecast for new rate center(s)/NPA(s) if requesting new resources. This way you can avoid "No NRUF on File" errors when submitting your application for resources either to NANPA or the Pooling Administrator.

Staying organized is essential to accurately filing your NRUF. A month-by-month checklist, which you can load into your planner or on-line calendar, can help. ∎

Return That Excess Inventory

Sitting on some excess central office (CO) code and/or thousands-block inventory? Service providers are reminded that per Industry Numbering Committee (INC) guidelines, CO code and thousands-block inventories should be reviewed semi-annually.

Section 9.2.1 of the Central Office Code (NXX) Assignment Guidelines states:

All service providers shall maintain no more than a six-month inventory of telephone numbers in each rate center or service area in which it provides telecommunications service [47 CFR 52.15 (g) (3) (iii)]. At a minimum, SPs shall review their inventories at the rate center level for possible code returns semi-annually. SPs shall return any NXX that is no longer needed for the purpose for which it was assigned. (See Section 8.1)

Section 4.4 (t) of the Thousands-Block (NXX-X) Administration Guidelines states:

All service providers shall maintain no more than a six-month inventory of telephone numbers in each rate center or service area in which it provides telecommunications service [47 CFR 52.15 (g) (3) (iii)]. At a minimum, SPs shall review their inventories at the rate center level for possible block donations or returns semi-annually.

Careful evaluation of inventory could be especially important in applying for growth resources. Section 4.3.1 of the Central Office Code (NXX) Assignment Guidelines states:

All applicants for growth numbering resources shall achieve a 75% utilization threshold for the rate center in which they are requesting growth numbering resources [47 CFR 52.15 (h)].

Given the semi-annual nature of the above requirements, perhaps the regular, semi-annual inventory review could be well timed in advance of the start of each NRUF cycle.■

NANP Resource Status Update

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Central Office Code Assignments

For 2011, NANPA assigned 2,889 central office codes. A total of 616 codes were disconnected.

Below is a comparison of 2011 with 2005 through 2010:

	2011	2010	2009	2008	2007	2006	2005
Total Code Requests Processed	13,782	12,100	11,988	15,186	18,110	17,298	16,634
Total Assignments	2,889	2,795	2,144	2,946	3,216	4,079	3,312
Net Assignments	2,273	2,484	1,610	2,162	2,467	3,413	2,307
Changes	9,336	8,203	8,572	10,590	12,778	11,209	8,961
Denials	941	792	736	865	1,364	1,326	2,877
Disconnects	616	310	534	784	749	666	1,005
Cancellations*	176	264	193	259	229	361	477
Reservations	0	0	2	1	3	18	2
Pooling Pass Throughs	9,441	6,936	5,960	7,700	7,970	9,038	9,824

Feature Group (FG) B Carrier Identification Codes (CICs)

During 2011, four (4) FG B CICs were assigned by NANPA and one (1) FG B CIC was returned or reclaimed. At the end of 2011, 275 FG B CICs were assigned in total.

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Feature Group (FG) D Carrier Identification Codes (CICs)

In 2011, NANPA assigned 59 FG D CICs, yielding an average assignment rate of 4.9 codes per month. US/Canadian switchless resellers received 10 of these assignments. As of 12/31/11, 7,739 FG D CICs remain available for assignment. A total of 36 FG D CICs were returned or reclaimed in 2011.

5YY NPA

In 2011, NANPA assigned 757 5YY-NXX codes. As of 12/31/11, a total of 2,312 NXX codes were assigned. Fifty (50) 5YY-NXX codes were returned in 2011 and 61 codes remained available for assignment (all 544-NXXs). Based on NRUF forecast data and assignment information, NANPA projects the need for multiple 5YY NPAs over the next few years.

900 NPA

In 2011, there were no 900-NXX assignments and 23 codes were returned. At the end of 2011, there were 100 codes assigned, 39 codes reserved (for Canadian use) and 653 available NXXs.

555 Line Numbers

In 2011, there were no new 555 line numbers assigned by NANPA. Forty-seven (47) 555 line number assignments were reclaimed. As of 12/31/11, a total of 7,553 national assignments and 386 non-national line number assignments (291 actual line numbers, assigned to one or more assignees in one or more NPAs) were in effect. In addition, 116 line numbers remain in "dispute" status and 100 line numbers are reserved for the entertainment/advertising industries. At year end, 1,940 555 line numbers were available for assignment.

800-855 Line Numbers

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. NANPA made seven (7) 800-855 number assignments in 2011.

Vertical Service Codes, NPA 456-NXX codes, N11 codes and ANI Information Digit Pairs

There were no assignments of these NANP resources in 2011.■