

NANPA news

Third Quarter 2013

Provided by the North American Numbering Plan Administration

NANP Resource Update

NPA (Area Codes)

Below is a summary of NPA assignment activity for January 1 through August 31, 2013.

Two new area codes have been assigned in 2013:

- Texas 346 in relief of the 281/713/832 area code complex – Assigned 4/27/13
- Indiana 930 in relief of the 812 NPA - Assigned 7/31/13

2013 to date in-service:

- NPA 437 (Toronto, Canada) went into service on March 25, 2013. (PL-447)
- NPA 365 (Southern Ontario, Canada) went into service on March 25, 2013. (PL-448)

- NPA 639 (Saskatchewan, Canada) went into service on May 25, 2013. (PL-446)
- NPA 236 (British Columbia, Canada) went into service on June 1, 2013. (PL-450)
- NPA 737 (Texas) went into service on July 1, 2013. (PL-438)

There is one area code with a future 2013 in-service date:

- Pennsylvania – NPA 272 to overlay NPA 570 – Planned in-service date of October 21, 2013

2013 NPA reservations

- On September 20, 2013, four NPAs (550, 535, 546 and 558) were set aside for future non-geographic 5XX-NXX use.

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NANPA Change Order 1 Implemented

On September 27, 2013, the NANP Administration System (NAS) was modified per INC Issue 692 (Update the 5YY Requirements for Resources) and INC Issue 702 (Update Service Description for Use of 5YY Resources).

With Issue 702, the INC re-defined the purpose of 5YY NPA resources, to include identifying the resource as 5XX NPAs. 5XX-NXX codes are to be used for applications which are non-geographic in nature, are not assigned to rate centers and may or may not traverse the Public Switched Telephone Network (PSTN), but do require an E.164 addressing scheme. The use of this NANP numbering resource is to communicate with both fixed and mobile devices, some of which may be unattended. This resource may also be used for applications enabling machines, which would include but not be limited to wireless devices and appliances, with the ability to share information with back-office control and data base systems and the people that use them. Service is limited only by terminal and network capabilities and restrictions imposed by the service provider.

Along with re-defining the purpose of the resource, various changes in the administration of the 5XX-NXX resource were agreed to by the INC. Below is a summary of the changes to NAS and the administration of the 5XX NPA resource.

NAS Tool Bar

For those NAS users with “Other Resources” in their profile, a new tool bar titled “5XX NPA Resource” appears. Under this tool bar are the following links: New 5XX-NXX Part A, New 5XX-NXX Part C, Search 5YY Forms and Search 5XX Forms. An explanation of each of these links follows.

5XX-NXX Applications and Processing Changes

A new 5XX-NXX Part A form will be used when requesting the assignment of a 5XX-NXX code, changing information associated with a 5XX-NXX assignment or returning a 5XX-NXX code.

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Mark Your Calendar!

INC Calendar

INC 132 October 8-10, 2013
Overland Park, KS

INC 133 December 11-13, 2013
Washington, DC

NANC Calendar

Dec 10, 2013 Washington, DC

News Brief

On July 29, 2013, the ARTHUR, BREWSTER and DUNNING rate centers were reestablished in Nebraska NPA 308.

On August 5, 2013, NANPA published Planning Letter 455 – Implementation of the 844 NPA for Toll-Free Services. This planning letter states the FCC has authorized the SMS/800, Inc. to open the 844 toll-free NPA on December 7, 2013 at Noon, Eastern Time (see PL-455). Correspondence related to the issue of the exhaust of the toll-free resource is available on the NANPA website (http://www.nanpa.com/reports/reports_nruf.html).

Service providers who utilize the email or FTP submission methods are reminded to only use upper case letters (e.g., A) instead of lower case letters (e.g., a) when listing their Parent Company OCN or Service Provider OCN in their Form 502 (NRUF) if their OCN contains a letter.

The October 2013 NPA and NANP exhaust projections will be posted on the NANPA website at the end of October. Notice of their availability will be provided via the NANP Notification System.

Happy Birthday to the North American Numbering Plan – Born in October 1947. ■



Area Code Relief Planning Activity

Mandatory 1+10-digit dialing for Pennsylvania 570 NPA—In December 2012, the Pennsylvania Public Utilities Commission (PUC) modified its July 2010 Order for an overlay of the 570 NPA to provide for a six-month customer education and permissive dialing period. The new 272 NPA will serve the same geographic area currently served by the existing 570 NPA. Ten-digit permissive dialing started on March 21, 2013. Mandatory 10-digit dialing began on September 21, 2013. The effective date of the new 272 NPA is October 21, 2013. (See PL-451).

Permissive 10-digit dialing underway in Kentucky 270 NPA—On December 17, 2012, the Kentucky Public Service Commission (KY PSC) ordered an all-services overlay as the relief method for the 270 NPA. The new 364 NPA will serve the same geographic area currently served by the existing 270 NPA. Ten-digit permissive dialing started on August 3, 2013. Mandatory 10-digit dialing will start on February 1, 2014. The effective date of the new 364 NPA is March 3, 2014. (See PL-449).

Permissive 10-digit dialing initiated in Nevada 702 NPA—On November 15, 2012, the Nevada Public Utilities Commission approved an all-services overlay of the 702 NPA. The new 725 NPA will serve the same geographic area currently served by the existing 702 NPA. Permissive 10-digit dialing started on August 3, 2013 with mandatory 10-digit dialing starting May 3, 2014. The effective date for the new 725 NPA is June 3, 2014. (See PL-445).

Schedule set for Indiana 930 NPA—On July 31, 2013, the Indiana Utility Regulatory Commission (IURC) approved an all-services overlay of the 812 NPA. The new 930 NPA will serve the same geographic area currently served by the existing 812 NPA. Permissive 10-digit dialing is scheduled to begin March 1, 2014 with mandatory 10-digit dialing starting September 6, 2014. The effective date for the new 930 NPA is October 6, 2014. (See PL-457).

Decision expected soon for California 415 NPA—NANPA filed a petition for relief on behalf of the industry with the California Public Utilities Commission (CPUC) on May 24, 2013, recommending an all-services overlay of the 415 area code. A decision from the CPUC is expected by the end of the year.

Hearing scheduled for South Carolina 843 NPA—On March 21, 2013, NANPA conducted an NPA relief planning meeting. NANPA filed a relief petition on behalf of the industry on May 31, 2013, recommending an overlay of the 843 area code. The Public Service Commission of South Carolina has scheduled a hearing on December 3, 2013 to discuss the petition.

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Is Your NRUF Forecast Initial or Growth?

Service providers have the option of providing an NRUF forecast using a variety of forecast worksheets:

- F1a – Pooling Area Forecast in 1K Blocks per Rate Center, Per Year (Initial Thousand Blocks)
- F1b – Pooling Area Forecast in 1K Blocks per Rate Center, Per Year (Growth Thousand Blocks)
- F2a – Forecast Reported in NXXs per Rate Center, Per Year (Initial Codes) – Non-Pooling Carriers in Pooling Areas
- F2b – Forecast Reported in NXXs per Rate Center, Per Year (Growth Codes) – Non-Pooling Carriers in Pooling Areas
- F3a – Forecast Reported in NXXs per NPA, Per Year (Initial Codes) (Carriers in Non-Pooling Areas)
- F3b – Forecast Reported in NXXs per NPA, Per Year (Growth Codes) (Carriers in Non-Pooling Areas)

F3a and F3b worksheets only apply to the 340 NPA (US Virgin Islands), 670 NPA (Northern Marianas/CNMI), 671 NPA (Guam) and 684 NPA (American Samoa).

So what is the difference between “Initial” and “Growth”? The Instructions for Form 502 simply state:

“Initial numbering resources are the first numbering resources received by a carrier in a particular area. Growth numbering resources are additional numbering resources received by a carrier already established in a particular area.”

When forecasting on an initial form (F1a, F2a, F3a), the total maximum is 1 for all five years. Any additional resources after the initial (first) resource are considered growth and must be forecasted on the applicable growth form.

The Report and Order in the Matter of Numbering Resources Optimization, CC Docket No. 99-200, FCC 00-104, March 31, 2000 (“NRO Order”; paragraph 86) states:

“Carriers generally obtain initial codes to establish a commercial presence, or “footprint,” in a particular rate center or geographic area. The CO Code Assignment Guidelines require the applicant to certify that it needs an initial code to meet routing, billing, regulatory or tariff requirements.”

The CO Code Assignment Guidelines (<http://www.atis.org/inc/incguides.asp>) provide this definition for the Additional NXX Code Assignment for Growth:

“A code assigned to a rate center subsequent to the assignment of the first code (See Initial Code), for the same purpose as a code that was previously assigned to the same rate center. A “Growth Code” is requested when the line numbers available for assignment in a previously assigned NXX code will not meet expected demand.”

It is important to keep this information in mind when formulating NRUF forecasts. Providing accurate NRUF forecasts helps NANPA in its NPA Relief Planning efforts. ■

Area Code Relief Planning

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Petition filed for Ohio 740 NPA—On March 12, 2013, NANPA issued a revised exhaust projection for the 740 NPA. The new exhaust date is 2Q15. On May 1, 2013, NANPA conducted an NPA relief planning meeting. The industry is recommending an overlay. NANPA filed a relief petition on behalf of the industry on September 24, 2013.

NPA 959 coming to Connecticut in 2014

— In the Decision dated September 22, 1999, Connecticut’s Public Utilities Regulatory Authority ordered the 959 area code overlay on the existing 860 NPA. In accordance with industry consensus, all network preparation for the implementation of the 959 NPA should be completed by August 30, 2014. Since ten-digit dialing is already mandatory in the area served by these codes, no permissive dialing period is required in preparation for this overlay. The effective date of the 959 area code will be August 30, 2014. (See PL-456).

NANPA updates lives of North Carolina 336 NPA relief alternatives

— On May 21, 2013, NANPA met with members of the North Carolina Utilities Commission (NCUC) and staff to review the area codes in North Carolina with a focus on the 336 NPA. A relief plan had previously been filed for this NPA. NANPA filed updated lives of the alternatives with the NCUC on July 19, 2013.

Fourth NPA for Texas 281/713/832

NPA complex—On April 25, 2013, the Texas Public Utilities Commission approved an all-services overlay of the 281/713/832 overlay complex. The new 346 NPA will serve the same geographic area currently served by the existing 281/713/832 overlay complex. The effective date of the 346 area code will be July 1, 2014. (See PL-453). ■

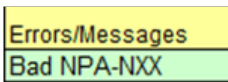
Avoiding NRUF Filing Errors

Below are some suggestions for Form 502 filers using the spreadsheet or FTP filing method to avoid errors in filing their NRUFs:

- If you are using a spreadsheet you have used before, please be sure to follow the instructions for entering, inserting and deleting data listed in the NRUF Job Aid documents on the NANPA website. Following these instructions is important because altering any of the forms within the Excel™ workbook, including deleting forms, removing cells, or modifying calculations will cause errors.
- Use the “Check the Data Before Submitting” button located at the top of each worksheet (e.g., U1, F1b, etc.) to identify errors before submitting the Form 502 workbook:



The errors will be listed in the “Errors/ Messages” column of each worksheet. For example, if you list an NXX outside the range of 200 and 999 and select the “Check the Data Before Submitting” button, the following workbook error would be displayed, allowing you to correct it before submission:



- If you have donated a block to the pool, mark an “X” in the “Donated to Pool” column on the U1 form within the Form 502 Excel™ version or report 1000 in the 11th field (Donated To Pool) if reporting using the FTP file format. Using any other designation (e.g., “yes”) could cause an error.
- Avoid eliminating the default entries in the spreadsheet fields if you are not entering data in them. For example, if you eliminate the NPA-NXX default on the U2, a workbook error (“Warning: Data detected after the blank row at row XX”) would be generated.
- A list of NRUF Common Errors & Fixes is provided on the NANPA website under “Reports” then “NRUF”. ■

NANPA Change Order 1 Implemented

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5XX-NXX Applications

- When initiating a 5XX-NXX application, basic information from the applicant such as the Operating Company Number (OCN) that will be associated with the assigned 5XX-NXX code(s) and the type of request (initial, growth, return or change) is required. Drop-down menus are displayed when making these selections.
- Contact information required on all 5XX-NXX applications is driven by the user’s profile.
- A 5XX-NXX NRUF on file is required in order to submit an initial or growth code application.
- Any code request that includes an OCN that appears on the FCC’s Red Light list will be denied.
- NAS applies validation checks to the submitted data and provides appropriate feedback/directions to the applicant.
- For initial applications:
 - » Users may request a maximum of 25 codes on a single application.
 - » Initial requests of ten or more codes require the applicant to provide a letter from the customer/agent demonstrating the need for these 5XX-NXXs.
 - » A 12-month telephone number forecast is required. The first six months’ forecast must substantiate the amount of initial 5XX-NXXs requested.
 - » An initial request must be accompanied with documented proof that shows the applicant is authorized to receive NANP resources directly from the NANPA. This information will be sent separately to NANPA via email.
- For growth applications, applicants may submit a request for multiple quantities of 5XX-NXX codes. The average monthly telephone number demand, the Months-to-Exhaust and current utilization rate based upon data submitted by the applicant is calculated by NAS.
- For 5XX-NXX code returns, NAS presents a list of all of the 5XX-NXX code(s) assigned to the OCN identified by the user. The user can then select the specific code(s) to be returned. NAS will ensure the 5XX-NXX codes being returned are associated with an OCN that appears in the applicant’s NAS profile.
- For 5XX-NXX code changes, applicants are permitted to submit an application for an intra-company or inter-company OCN change.
- All submitted 5XX-NXX applications receive a NAS Tracking Number. NANPA will respond with a Part B (5XX-NXX Code Assignment Confirmation Form) that addresses the disposition of the application (approved, denied). Further, the Part B form will be automatically sent to iconectiv’s Telecom Routing Administration for all approved applications.
- Users submit a Part C (Confirmation of 5XX-NXX Code in Service) for each assigned 5XX-NXX code. NAS ensures any 5XX-NXX code identified on the Part C form is assigned to an OCN in the user’s profile.

Reclamation

- A 5XX-NXX Part C Reminder email will be sent if the Part C is not received within 5 months from the date of assignment. A 5XX-NXX Part C Delinquency email will be sent if the Part C is not received within 6 months from the date of assignment. If the applicant’s NAS profile is disabled, the notice will be sent to those NAS users with

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NANP Resource Update

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Central Office Code Activity

Central office code activity for the first eight months of 2013:

	Jan-Aug13	Jan-Aug12	Jan-Aug11	Jan-Aug10	Jan-Aug09
Assignments	1,920	1,729	1,889	1,886	1,426
Denials	761	612	644	536	499
Returns/ Reclamations	209	409	469	201	364
Net Assignments	1,711	1,320	1,420	1,685	1,062
Total Year Assignments	2,880*	2,673	2,889	2,795	2,144

*Annualized figure.

FG B Carrier Identification Codes (CICs)

NANPA has assigned no FG B CICs in 2013 and five (5) FG B CICs were returned/reclaimed. As of 8/31/13, 265 FG B CICs were assigned in total.

FG D Carrier Identification Codes (CICs)

NANPA has assigned 24 FG D CICs in 2013. US/Canadian switchless resellers received 8 of these assignments. A total of 38 FG D CICs have been returned/reclaimed. As of 8/31/13, 2,026 FG D CICs were assigned in total, leaving 7,751 FG D CICs available for assignment.

5YY NPA

Since the beginning of 2013, NANPA has assigned 188 5YY NPA NXX codes. Over that same time period, two codes have been returned or reclaimed. As of 8/31/13, 2,855 codes were assigned in total and 309 NXX codes were available for assignment in the 5YY NPA resource.

900 NPA

NANPA has made no 900-NXX assignments in 2013. No codes have been reclaimed/returned. As of 8/31/13, there were 101 codes assigned, 39 codes reserved (for Canadian use) and 652 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. To date in 2013, no (national) new 555 line numbers have been assigned and no (national) line numbers have been reclaimed/returned.

800-855

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 has made one 800-855 number assignment in 2013.

NPA 456 (International Inbound Service),

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. Two 456-NXX codes have been returned to NANPA in 2013.

Vertical Service Codes, Automatic Number Identification (ANI) II Digits and N11 Codes

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. 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 2013. ■

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NANPA Change Order 1 Implemented

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the OCN appearing on the application and “Other Resources” included in their profile. A user is prohibited from submitting a Part C directly into NAS if the 5XX-NXX code is in delinquent status.

- A monthly list of 5XX-NXX codes that are in delinquent status will be emailed by NANPA to the FCC. A “delinquent” 5XX-NXX code is a code for which no Part C has been submitted within six (6) months of the assignment date.

Search 5YY Forms and Search 5XX Forms

- NAS presently allows a user to search for the forms associated with the 5YY assignment (5YY Part A, Part B and Part C). Since the 5XX forms differ from the 5YY forms, the 5YY Search capability will continue after the implementation of Change Order 1.
- A new query called “Search 5XX Forms” has been introduced. The query permits the user to search for 5XX Part A, Part B and Part C forms.

Public Website Reports

The following 5XX-NXX reports are available on the NANPA website.

- **5XX NXX Available Codes Report** - This report lists the available codes in each of the 5XX NPA codes. The report is updated real-time. The user can select a specific 5XX NPA or all of the 5XX NPAs from a drop-down box and the list of available codes is presented.
- **5XX NXX Utilized Codes Report** - This report lists the utilized codes (assigned or unavailable for assignment) in each of the 5XX NPA codes. The report is updated real-time. The user can select a specific 5XX NPA or all of the 5XX NPAs from a drop-down box and the list of utilized codes in the selected 5XX NPA is presented.
- **5XX NXX Aging Report** - This report provides a list of aging 5XX NXX codes. These codes are currently not assignable in accordance with industry guidelines. Typically, this report will identify 5XX-NXX codes that have been returned or reclaimed, and must remain unavailable for assignment for 45 days following the date of their return/reclamation. The report will be updated real-time.
- **All 5XX Codes Report** - This report provides an updated listing of assigned, available and unavailable 5XX-NXX codes by NPA in a downloadable format. The report is updated daily.

The Non-Geographic 5XX-NXX Code Assignment Guidelines are available on the INC website (<http://www.atis.org/inc/incguides.asp>). NANPA will be posting a new NAS 5XX-NXX User Guide to its website in the coming weeks. ■