



Second Quarter 2004

Provided by the North American Numbering Plan Administration

Central office code reports available on NANPA website

NANPA makes available a number of central office code reports via its website (www.nanpa.com). These reports provide real-time as well as daily and monthly reports on central office code assignment activity. These reports can be found under Reports, Central Office Codes or under the Fast Track on the NANPA home page.

The Central Office Code Availability Report provides an up-to-date list of all central office codes generally available for assignment by area code. Service providers interested in the assignment of a specific code can use this report to easily determine if it is available. However, for several reasons, a specific code may not be available in a specific rate center.

The Central Office Code Utilized Report provides an up-to-date list of central office codes assigned or unavailable for assignment by NPA. Similar to the CO Code Availability Report, this information is updated real-time as new codes are assigned by NANPA.

NANPA also provides an updated listing of assigned, available and unavailable central office codes by NPA in a downloadable format (text and EXCEL®). This report, called the Central Office Code Assignment Records, provides the status on all codes and is updated each day.

The Central Office Code Assignment Activity Records provides the central office code assignment activity for each area code on a monthly basis. The report provides the total number of central office codes assigned each month in each NPA as well as the quantity of codes returned that month as well

continued on page 2

April 2004 NPA and NANP exhaust analysis

Under the new NANPA contract, NANPA is now required to forecast NPA and NANP exhaust twice yearly. NANPA recently completed its analysis which can be found on the NANPA website (www.nanpa.com) under Reports, NRUF.

The NPA exhaust report provides an NPA-by-NPA exhaust projection for all geographic area codes in the U.S. and Canada. The Canadian Number Administrator provided the information used to develop the exhaust projections for NPAs in Canada.

Historical central office code assignments, along with data submitted by service providers via the Number Resource Utilization and Forecast (NRUF)

continued on page 3

New utilization requirement effective June 30, 2004

As required by the FCC 2nd NRO Order, effective June 30, 2004, service providers will need to meet a utilization requirement of at least 75% before NANPA can assign additional codes to that service provider in the rate center in which the service provider is requesting resources. This requirement is in addition to the months-to-exhaust requirement that has been in place for receiving growth codes. This requirement marks the conclusion of a four-year plan to increase the utilization rate from the original 60% rate in 2001 to 75% in 2004.

The FCC established that utilization for a given geographic area (rate center or NPA) must be calculated by dividing all assigned numbers by the total number resources assigned to that carrier in that geographic area and multiplying the result by 100. NANPA must deny applications that fail to meet this utilization requirement. ■

Mark your calendar!

INC calendar

- June 8-11, 2004 – INC 76 - Overland Park, KS
- August 3-6, 2004 – INC 77 – Toronto, Canada
- October 11-15, 2004 – INC 78 – Las Vegas, NV
- December 7-10, 2004 – INC 79 – Location TBD

NANC 2004 calendar

- Tuesday — July 13, 2004
- Tuesday — September 14, 2004
- Tuesday — November 9, 2004

NANPA introduces on-line NRUF capability in NAS

On May 24, 2004, NRUF on-line capabilities became available in NAS. With this new capability, service providers are able to submit NRUF utilization and forecast data on-line as well as use the current submission methods of FTP and email (excel file).

The following is a list of the type of Form 502 submission and search capabilities available through the NRUF-on line in NAS:

- Create and submit a Geographic Form 502 and Non-Geographic Form 502 for the current reporting cycle
- Modify a Geographic Form 502 and Non-Geographic Form 502 by adding new utilization and/or forecast data for the current reporting cycle
- Modify a Geographic Form 502 and Non-Geographic Form 502 by modifying or deleting utilization and/or forecast data submitted for the current reporting cycle
- Search for most recent company information, utilization data, and/or forecast data submitted for the current reporting cycle for either Geographic Form 502 or Non-Geographic Form 502

Please note that service providers must register in NAS if they plan to submit updates or corrections to the February 1, 2004 NRUF Form 502 submission. This applies to all reporting carriers who intend to submit NRUF data via email, EFT or the NAS on-line capability.

NANPA conducted NRUF on-line training for service providers May 10-12, 2004. Over 260 individuals registered for this training. The training

continued on page 3

Central office code reports *continued from page 1*

as for the year. The report also serves as an excellent source to see the code assignment history for each area code. Historical information dating back to 2001 is available on the web.

The Part 3 Disconnect report provides a daily listing of central office codes with a pending disconnect date. This report is useful for a service provider to check to see if it has ported telephone numbers from a code that is scheduled to be disconnected. If so, they can take immediate action per the Central Office Code (NXX) Assignment Guidelines to have the disconnecting code assigned to them.

The Central Office Code Activity Status Report is a new report initiated in February 2004. This report provides the total number of new applications processed by NANPA by month for each state, including assignments, denials, changes and return requests. This report provides insight to the central office code activity in each area where NANPA serves as the Central Office Code Administrator.

Finally, NANPA posts a list of grandfathered central office codes that may potentially be in an area where number portability has been implemented. This list is not updated on any regular interval; only as warranted. Service providers with any updates to this report should contact NANPA. ■

NANPA's CO code administration moving to Virginia

NANPA is moving the Central Office Code administration function from its office in Concord, California to its headquarters in Sterling, Virginia. The new address will be 46000 Center Oak Plaza, Sterling, VA, 20166.

Over the next few months, NANPA will be transitioning the CO Code Administration operation to the Virginia location. Notifications concerning new code administration personnel, contact information, fax numbers and email addresses will be distributed to the industry via the NANP Administration System (NAS) as well as posted to the NANPA website. ■

Updated NRUF job aid available

NANPA has updated both the Geographic and Non-Geographic Job Aids available on the NANPA website (www.nanpa.com). Service providers should refer to these job aids for direction and assistance when submitting their NRUF Form 502. The primary changes to the Job Aids are as follows:

- The instructions contained in the Job Aids are specific to completing the Excel Workbook Form 502. The instructions for completing the NRUF Form 502 via the on-line capability in the NANP Administration System (NAS) are located within your NAS user profile.
- Carriers must submit their NRUF data based upon OCN, and must include all NPAs that fall under that OCN. Carriers should not file separate NRUF reports for the utilization and forecast data under the OCN. In those instances where the NRUF file becomes too large to manage, the carrier is requested to contact NANPA for assistance.
- All reporting carriers must be registered NAS users. They must have the NRUF resource subscription chosen in their NAS profile in order to submit the Form 502 Excel Workbook to NANPA via email or the NAS on-line system. The reporting carrier should also

continued on page 4

Exhaust analysis *continued from page 1*

process, served as the basis for the projections. The analysis showed that the forecasted exhaust date for the majority of area codes either did not change from 2003 or moved out.

The results of the NANP exhaust study indicated NANP exhaust beyond 2035.

The assumptions underlying this year's study are similar to the assumptions for the 2003 study. A complete list of assumptions is available in the full NANPA report, which can be found on the NANPA website, under Reports, NRUF.

As was recognized in previous NANP exhaust analysis, the model is sensitive to the yearly CO code demand rate. Using the monthly CO code demand for each NPA as calculated in the April 2004 NPA Exhaust Analysis, and straight-lining this demand beyond the five-year time frame included in NRUF submissions, creates an average demand rate of nearly 8,100 CO codes/year. This yearly demand rate was compared with demand rates in 2000, 2001, 2002 and 2003.

Year	Annual gross CO code demand	Annual net CO code demand
2000	16,000	12,500
2001	10,400	4,400
2002	7,200	3,600
2003	3,200	1,400

In order to provide a NANP exhaust analysis more reflective of the current industry trend in terms of yearly CO code demand, NANPA selected a base case of 6,500 average annual CO code demand. This represents a 20% reduction in the annual demand created using the April 2004 NPA Exhaust Analysis. Although this number is higher than the 2003 gross CO code demand rate, it remains to be seen whether the CO code demand rates will continue at current levels or will eventually rebound to higher levels over the remaining 30 years of the projected NANP life. Further, similar to previous studies, it is expected that over time, the quantity of returned codes will begin to decrease as the industry adjusts to the optimization measures put in place with the FCC's NRO Order and the local exchange market begins to stabilize. Further, with the current attention being placed and actions being taken to maximize number utilization and delay NPA relief, it is envisioned that annual net demand will become more in line with gross demand as carriers only obtain resources when truly needed.

Using an average CO code demand rate of 6,500 codes assigned per year, the projected NANP exhaust date is beyond 2035, assuming the quantity of NPAs available is 685.

Due to the results of the base model, the only sensitivity analysis performed was an increase in the average annual CO code demand on the results. For comparison purposes, NANPA performed a sensitivity analysis using 8,100 annual CO code demand, which represented the gross demand as calculated from the April 2004 NPA Exhaust Analysis. This resulted in a projected exhaust of 2032. ■

On-Line NRUF Capability *continued from page 2*

focused on how to create and submit NRUF data on-line as well as to make additions/modifications to existing NRUF data. The NAS NRUF training manual is available on the NANPA website under Tools, NAS Training Guides.

Service providers are reminded that the next submission deadline for NRUF is August 1, 2004. Service providers will report utilization as of June 30, 2004 and forecast resource requirements for the remainder of 2004 through 2008. ■

More news...

The California 909-951 NPA split permissive dialing starts July 17, 2004 (Planning Letter #334).

The permissive dialing for the new entrant to the NANP - American Samoa - 684 NPA starts October 2, 2004. (Planning Letter #330).

NANPA assigned the 769 NPA to overlay the Mississippi 601 NPA. Permissive 10-digit dialing begins July 19, 2004.

In accordance with Section 6.3.1 of the Central Office Code Assignment Guidelines, code holders are reminded to send a Part 1 to NANPA when changing code assignment data.

With the new NPA exhaust projections, NANPA rescinded jeopardy in May for the following NPAs: WA 360, CT 860, MD 410, MD 443 and NH 603.

The 2003 NANPA Annual Report is available on the NANPA website (under Publications, NANPA Annual Report).

NANPA welcomed two new Code Administrators: Milton Cruz and David Morgan. Please see the NANPA website for their state/NPA responsibilities and contact information.



46000 Center Oak Plaza
Sterling, Va 20166
www.neustar.biz

NANPA News
published quarterly by
NeuStar, Inc.

Managing editor and
Contributing writer
John Manning

Design layout
Brad Windham

Copy editor
Tara Gloss

NeuStar, Inc.
Chairman and CEO
Jeff Ganek

President and
Chief Operating Officer
Michael Lach

Senior Vice President,
Customer Relations
Joe Franklin

Director, NANPA
John Manning

NeuStar, Inc.
46000 Center Oak Plaza
Sterling, Va 20166

www.neustar.biz
www.nanpa.com

© Copyright NeuStar, Inc. 2004

Updated NRUF job aid available *continued from page 2*

select the NANP Notification System (NNS) resource subscription and check the notification type “Notifications concerning submission of Form 502.” This will permit the reporting carrier to receive reminders of submission due dates and notification of updates to the NRUF Job Aids.

- On all utilization reports, carriers must supply rate center name abbreviations. Valid rate center name abbreviations can be located at either the LERG Table 8 under RC ABBREV, or on NANPA website under “Reports”, “Central Office Codes”, “Central Office Code Assignment Records”. The direct URL is http://nanpa.com/reports/reports_cocodes_assign.html
- All reporting carriers subscribed to NNS in their NAS profile will receive notification two months prior to when the next NRUF submission is due. The notification to the carrier will include the earliest date the carrier can submit the NRUF and the methods of submission available.
- NRUF Form corrections to the February 1 NRUF submission will be accepted through June 30, and the August 1 NRUF submission will be accepted no earlier than July 1. If a carrier needs to update their February 1 submission between July 1 and July 31, the carrier will need to submit their August 1 Form 502. If the carrier has not yet gathered their utilization data for the August 1 reporting period, the carrier will be expected to update their Form 502, with the utilization portion populated, prior to or on the August 1 due date. ■