



First Quarter 2004

Provided by the North American Numbering Plan Administration

## The new NANPA contract

**February 9, 2004** will mark the introduction of significant changes in NANPA operations, in accordance with the new contract.

The most significant change will be the introduction of a new automated system with enhanced functionality. The new system, called the **NANP Administration System (NAS)** will incorporate and augment the features of the Code Administration System (CAS) and Document Distribution Service (DDS), as well as the NRUF data collection and processing software. Further details on the content of NAS and how to register to use it can be found in this issue of the NANPA Newsletter. Also in this issue you'll find information about the redesigned NANPA website, as well as the introduction of new enterprise services.

Comprehensive documentation and training will be available as new features are introduced. Right now, it's important to understand that all CAS users, as well as those subscribed to DDS, must re-register as NAS users. NAS user registration begins on January 12, 2004. ■

## The new NANPA website

The NANPA website is being completely restructured to incorporate the requirements of new Web technology, lessons learned from the current site, and the new NANPA contract. The new site will be available concurrently with the introduction of NAS.

Some of the new features include:

- Redesigned drop-down menus to make it easier to navigate through the site.
- Consolidation of related information to help visitors find things quickly.
- Availability of many new reports.
- Resource assignment information, extracted dynamically from NAS, so that report data will be up to the minute.

The new website will also serve as the gateway to NAS and its many features. ■

## NAS user registration

All users of NAS will be required to register in the system. Since NAS incorporates and replaces existing NANPA tools such as the Code Administration System (CAS), the Document Distribution Service (DDS) and the various email distribution lists that NANPA maintains, users of these tools must register in NAS. This is necessary to ensure accurate and complete user registration data, and to confirm that users are authorized to access and use the system.

The user registration process, which begins January 12, 2004, allows a user to indicate the various NAS capabilities he or she intends to use.

There are different types of users of NAS. These types include U.S. service providers, non-U.S. service providers, consultants authorized to request numbering resources on behalf of a service provider, federal and state regulators, and other individuals or entities interested in number administration matters. For each user type, specific NAS capabilities will be available for use. These capabilities include the ability to:

- Submit requests for central office codes (CO Code Administration);
- Access the Number Resource Utilization and Forecast (NRUF) online capabilities;
- Sign up for various geographic and non-geographic notifications; and
- Submit applications for other NANP resources such as Carrier Identification Codes, 500 NXXs, 900 NXXs, 456 NXXs, 800-855 line numbers and 555 line numbers.

Anyone interested only in public notifications may sign up to receive them.

After selecting one of the user types described

## NAS CO code administration capabilities

NAS central office code administration capabilities build upon the proven business logic found in the current Code Administration System (CAS). Similar to CAS, NAS mechanizes central office code administration. NAS processes the following code request forms: Part 1, Months-to-Exhaust, and Part 4. NAS issues the Part 3 and the new Part 5, used to confirm NANPA receipt of a Part 4.

NAS allows users to create and submit these forms online, and stores and processes these forms used in the code administration process.

NAS will contain many of the features presently available in CAS. The system will auto-populate applications with specific information contained in the user's profile and provide drop-down menus for certain data required on the different forms such as OCNs, NPAs and rate center information. System checks will ensure that all required fields are populated and that the information supplied is valid prior to submission. For example, the rate center must be valid in the NPA on the requested effective date or the switching identification field must be 11 alphanumeric characters. Supporting documentation associated with an application will continue to be provided to NANPA via fax or mail. Such documentation includes evidence of certification and network readiness for initial code applications.

Once NAS validates the application content and accepts it for processing, the applicant will receive confirmation via a tracking number, indicating that the code request was successfully submitted. The applicant will be able to view and print the Part 1 from this confirmation screen.

**CO code capabilities** *continued on page 3*

## NANPA offers new enterprise services

Under the FCC NANPA contract, NANPA is required to offer four enterprise services. These services include Administrative Operating Company Number (AOCN) services, entry of paper submissions of resource applications, entry of paper NRUF submissions, and NANPA testimony in state regulatory hearings.

NANPA presently offers AOCN service, which is the entry of rating and routing information from the Part 2 of the central office code application into the Telcordia™ Business Integrated Routing & Rating Database System (BIRRDs). Effective February 9, 2004, NANPA will provide this service under the following reduced fee schedule:

Feb 9, 2004 – July 8, 2004	\$35.00
July 9, 2004 – July 8, 2005	\$36.75
July 9, 2005 – July 8, 2006	\$38.58
July 9, 2006 – July 8, 2007	\$40.52
July 9, 2007 – July 8, 2008	\$42.44

Contact Heidi Wayman at 925-363-8709 (heidi.wayman@neustar.biz) for further information about NANPA's AOCN services.

In the past, service providers were able to submit paper applications for NANP resources. Even with the introduction of the Code Administration

**New enterprise services** *continued on page 4*

## NAS NRUF capabilities

Number Resource Utilization and Forecast (NRUF) reporting is a semi-annual process whereby service providers submit utilization and forecast information to NANPA for use in the development of NPA and NANP exhaust projections. NANPA collects and stores this information and provides it to the FCC and state commissions. Service providers are required to report by February 1 and August 1 of each year. Service providers may submit updates and corrections to previous submissions at any time.

Presently, service providers submit utilization and forecast data via email (i.e., Excel spreadsheet) or Electronic File Transfer (EFT) using FTP. Both of these submission methods will remain available. NAS will also support the online submission of NRUF information as well.

Service providers will be able to submit their NRUF by logging into NAS and entering the data requested in the various worksheets contained in the Form 502. In addition, as many service providers have the need to submit NRUF data between reporting cycles, NAS will permit service providers to update or modify previously submitted utilization and forecast data for the current reporting cycle. For example, if a service provider needs to add a rate center forecast to their previously submitted NRUF data, they can use the online capability, submitting only the forecast data associated with the rate center.

This online capability can also be used for reporting on non-geographic resources such as the 500 and 900 NPAs. As NANPA has provided an enhanced Form 502 to assist service providers in completing their NRUF for the 500 and 900 NPAs, NAS also permits service providers to update and modify previously submitted NRUF data for these resources as well.

Since service providers are required to report NRUF data by February 1, 2004, the FCC recognized that the timing of the transition to the new system needed to be adjusted to minimize confusion. Consequently, NRUF online capabilities will not be available until April 2004. This delay will allow NANPA to work with service providers to ensure that their February 2004 NRUF submissions are accurate and complete before migrating the data to NAS. Further, it will avoid attempting to migrate the data to the

**NRUF capabilities** *continued on page 3*

## NAS reports

An important function of NANP administration is reporting on the various resources administered by NANPA. To this end, NAS will provide real-time and daily reports on number resource assignments and availability. For example, NAS will provide real time reports on assigned, available, and unavailable central office codes. In addition, NAS will provide monthly reports on code activity, indicating the quantity of codes assigned and returned in a month along with the quantity of codes available and unavailable for assignment. Reports identifying the assigned resources and the entity to which the resource is assigned will be available for CICs, 500, 900 and 456 NXXs, and 555 line numbers.

NANPA will continue to provide a number of the reports available today. These include reports on NPA and NANP exhaust, area code inventory, and the NRUF reports provided to state regulatory commissions, as well as numerous reports examining the year-over-year NRUF data. The vast majority of these reports will be available via the NANPA public website ([www.nanpa.com](http://www.nanpa.com)), except for those reports (e.g., state NRUF reports) containing service provider confidential information. ■

### **user registration** *continued from page 1*

above, the user will be required to provide general contact information such as user name, user title, address information, company name, email, phone, and fax numbers. Then, based upon the user type identified and the different NAS capabilities selected, additional data will be requested. For example, for U.S. service providers and service provider consultants, this data includes such items as Operating Company Number (OCN), parent company OCN, supervisor information, the identification of specific states and/or NANP territories, and associated NPAs that the user will be requesting resources or submitting data and additional contacts to receive copies of documents sent to the primary user. Other information that may be provided includes a company's ACNA (Access Customer Name Abbreviation) and AOCN provider.

All registration requests must be reviewed and validated prior to approval. Once NANPA approves the registration request, the system will send a confirmation message via email to the user providing instructions for obtaining their login identification and password. If NANPA denies the request for registration, the user will receive an email message informing the user of the denial, including the reasons for denial. If NANPA requires additional information to approve the request, NANPA will contact the user via email and request the additional information.

Once registered in NAS, the user will be able to update and modify their profile. For example, a user may wish to include additional OCNs, update contact information, or change the states in which he or she receives notifications. NAS users are strongly encouraged to keep their profiles up-to-date. ■

### **CO code capabilities** *continued from page 2*

A new capability in NAS permits submission of CO code applications via FTP. The FTP file formats will be available at NAS cutover in February 2004.

NAS will also permit code applicants to search their submitted Part 1s, and Part 4s they have submitted as well as Part 3s and Part 5s. ■

## Participate in NAS user training

To assist users of NAS, NANPA will conduct training sessions during the week of **January 26, 2004**. Training will consist of a review of the basic capabilities of NAS, to include online submission of resource applications and associated forms. In addition, NANPA will introduce the online NRUF submission function, although it will not be available until April 2004. Entities expecting to request NANP resources via the NAS should plan on attending these training sessions.

Additional information concerning training will be forthcoming in January 2004. Training sessions will be dedicated to specific NAS functions (e.g., CO code administration). Announcement of this training will be distributed via NANPA's current notification capabilities. ■

### **NRUF capabilities** *continued from page 2*

new system during the busiest time when the data are continuously being updated and corrected. The actual date for cutover will be coordinated with the FCC and be based on the volume of NRUF submissions. NANPA will notify the industry when the online capability becomes available. Please note that NRUF online capability will be an optional submission method; carriers will continue to have the options to submit the NRUF Form 502 Excel spreadsheet via email or to submit the NRUF Form 502 via EFT (according to the NRUF specifications located on the NANPA website). ■

## Mark your calendar!

**January 12, 2004**  
NAS user registration

**January 26, 2004**  
NAS user training sessions

**February 1, 2004**  
Service Providers report NRUF data

**February 9, 2004**  
Scheduled NAS availability;  
New NANPA website

## New enterprise services *continued from page 2*

System (CAS), NANPA still accepted paper submission of central office code applications at no charge. Under the new NANPA contract, NANPA is now required to support the paper entry of resource applications as an enterprise service. NANPA will enter paper submissions (faxed or mailed copies) of resource applications into the NAS on behalf of the applicant. This includes the application form as well as the in-service confirmation forms (e.g., for central office code administration, the Part 1 and associated MTE, if applicable, and Part 4 forms). The fee for this service is:

Feb 9, 2004 – July 8, 2004	\$100.00
July 9, 2004 – July 8, 2005	\$105.00
July 9, 2005 – July 8, 2006	\$110.00
July 9, 2006 – July 8, 2007	\$115.00
July 9, 2007 – July 8, 2008	\$120.00

The fee will be applied with each form (e.g., \$100 for entry of the Part 1 application, including the MTE, and \$100 for the Part 4). Fees associated with paper copies of central office code applications submitted directly to the National Pooling Administrator and passed through to NANPA will be waived, since service providers presently cannot submit a CO code application through the Pooling Administration System.

NANPA will enter paper submissions (faxed or mailed copies) of the NRUF Form 502 into the NAS on behalf of the service provider. The basic fee for NANPA to accept and input/translate the Form 502 (including the U1, U2, U3, U4, F1a, F1b, F2a, F2b, F3a, and F3b as well as the Rural Certification Form) is:

Feb 9, 2004 – July 8, 2004	\$35.00
July 9, 2004 – July 8, 2005	\$36.75
July 9, 2005 – July 8, 2006	\$38.58
July 9, 2006 – July 8, 2007	\$40.52
July 9, 2007 – July 8, 2008	\$42.44

In addition to the basic fee indicated above, a fee will be charged based on the quantity of data provided on the Form 502. Specifically:

- An additional \$3 fee will be charged per NPA-NXX-X for actual NPA-NXX-X data submitted on forms U1 and U3;
- An additional \$3 fee will be charged per NPA-NXX for actual NPA-NXX data submitted on forms U2 and U4;
- An additional \$3 fee will be charged per NPA per rate center for actual NPA per rate center data submitted on forms F1a, F1b, F2a and F2b; and
- An additional \$3 fee will be charged per NPA per state for actual NPA per state data submitted on forms F3a and F3b.

Finally, NANPA will prepare, file, and present oral and written testimony for state hearings at no charge. Should the state require NeuStar witness(es) to attend the hearing in person, NeuStar will require the state to reimburse NeuStar witness(es) and legal counsel for associated expenses (e.g., travel, lodging, meals, local transportation, etc.). If the state requires local counsel to represent the NANPA at state regulatory hearings, these costs will be passed along to the state. ■

## Applying online for other numbering resources

NAS will allow online application not only for central office codes, but also for other NANP resources such as carrier identification codes, 500-NXX codes, 900-NXX codes, 456-NXX codes, NPAs, 800-855 line numbers, and 555 line numbers. Applicants must register in NAS prior to submitting applications. Applicants will still need to submit supporting documentation, if required, by email or fax.

NAS will also provide up to the minute reports on the assignment status of these numbering resources. These reports are accessible through the reports section of the NANPA website.

Previously, NANPA accepted faxed or mailed applications for these resources. NANPA will continue to accept paper submissions, but in accordance with the NANPA contract, the entry of these forms in NAS will be treated as an enterprise service and subject to a charge (see article on NANPA Enterprise Services).

Anyone needing assistance with the new application process should contact the Help Desk at 1-866-623-2282 or contact the administrator for the resource of interest. Contact information is in the “About Us” section of the current NANPA website. ■

## NANPA and NAS FAQ

### When does the new FCC NANPA contract begin?

The new FCC NANPA contract began on July 9, 2003. The first seven months of the new contract were dedicated to building and testing NAS. Production use of NAS will begin at system cutover, presently planned for February 9, 2004.

### What is the duration of the NANPA contract?

The NANPA contract is a series of five one-year contracts. The contract began on July 9, 2003 and will run through July 8, 2008.

### What is NAS?

NAS (NANP Administration System) transforms NANPA's existing tool set into an integrated system. NAS builds on and evolves the proven logic of NANPA's current CAS, DDS, and NRUF tools to support all existing and newly required capabilities, while greatly improving on system capacity, availability, and security.

NANPA and NAS FAQ *continued on page 5*

**Who is eligible to register for NAS?**

U.S. and non-U.S. service providers, consultants authorized to request numbering resources on behalf of a service provider, federal and state regulators, and other individuals or entities interested in number administration are eligible to register in NAS.

**When will NAS be available for use?**

NAS is presently scheduled for general availability on February 9, 2004.

**How can I register to be a NAS user?**

Visit the NANPA website ([www.nanpa.com](http://www.nanpa.com)), click on "Register in NAS" and you will be led through the NAS registration process. Registration begins January 12, 2004.

**How do I get answers to questions about NAS?**

NANPA's Customer Support Desk personnel are ready and able to assist you with any questions you have about registering or using NAS. The Customer Support Desk can be reached by calling 1-866-623-2282 and, beginning February 9, 2004, online by clicking on the "Customer Support" link on the NANPA website homepage ([www.nanpa.com](http://www.nanpa.com)).

**Since I am already registered in CAS and DDS, can NANPA transfer my profile to NAS?**

Due to the security requirements for NAS and the information required from all registered users, individuals registered to use existing NANPA tools will need to register again in NAS. This will ensure accurate and complete user registration data and confirm that users are authorized to access and use the system.

**Will there be any training on NAS prior to system cutover?**

NAS training sessions are presently scheduled for the week of January 26, 2004. Details will be available in January. Entities expecting to request NANP resources via the NAS should plan on attending these training sessions. Separate training sessions will focus on each specific NAS function (e.g., CO code administration, NRUF, other NANP resources).

**Are NAS and the Pooling Administration System (PAS) the same system? If not, are they connected to each other?**

No. The FCC requires that the NANP Administration System and the Pooling Administration System be separate, stand-alone systems. The systems are not connected.

**Will NAS allow me to submit applications for vertical service codes or ANI information digits?**

No. Industry guidelines do not contain an application form for these resources, and dialogue with the applicant is usually required.

## **The NANP Notification System**

The NANP Notification System (NNS) provides a vehicle for NANPA to issue notifications when significant events occur. NNS replaces the current DDS as well as the various electronic mailing lists (nanp-info, code-admin, nruf-info, and nanpa-newsletter) available through the NANPA website.

Notifications fall under two categories: Geographic and Non-geographic. Geographic notifications are those issued for documents that have been generated for specific states and/or NPAs. Non-geographic notifications are those that relate to the entire NANP and are not related to a specific state or NPA.

**Geographic notifications available to the public include:**

- New processes and changes in CO code administration that affect specific states and/or NPAs;
- NPAs going into or out of a jeopardy or other changes to the jeopardy status of an NPA;
- Press releases announcing new NPAs;
- Announcements by state regulators of changes that affect NANP processing; and
- Data related to the status of resources associated with state conservation deliberations.

**Non-geographic notifications available to the public include:**

- Changes in INC administration guidelines;
- Updates on NRUF Form 502 and associated job aides as well as procedural changes such as the introduction of new data fields;
- Changes to NANPA processes that will affect customers (e.g., changes to utilization requirements);
- NANPA Planning Letters and Newsletters;
- International activities impacting the NANP and NANP Administration;
- New or revised NPA and NANP exhaust projections;
- Scheduled system maintenance and system availability issues; and
- Client education and new forms and tools.

The user may select any or all of the notification choices available. For any geographic notification chosen, the user will also select the specific states and NPAs for which the user wishes to receive notifications. The user has the option to select all states.

Notifications concerning NPA relief planning activity will be limited to only the service provider industry and appropriate regulatory agencies. ■



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## **NANPA and NAS FAQ** *continued*

Requests for VSCs and ANI II digits are typically made in writing to NANPA, and ANI II digit requests are referred to the Industry Numbering Committee for review and approval.

### **Why is there a delay in the online NRUF capabilities of NAS?**

Since service providers are required to report NRUF data by February 1, 2004, the FCC recognized that the timing of the transition to the new system needed to be adjusted to account for the submission cycle. This delay will allow NANPA to work with service providers to ensure their February 1 data is accurate and complete before migrating the data to NAS. Further, it will avoid attempting to migrate the data to the new system during the busiest time when the data is continuously being updated and corrected.

### **Other than NAS, what changes will we see in NANPA operations?**

Although the basic NANPA functions remain the same, the new contract introduces some additional and different requirements. One major change is that a fee will now be charged to service providers that submit paper copies of resource applications to NANPA for entry into NAS.

### **What will happen with the Document Distribution Service (DDS)?**

DDS is being replaced with a similar notification system in NAS. Documents will be available from NAS and notifications will be distributed to those entities authorized to receive NPA relief planning information. Documentation available today in DDS will be available through NAS.

### **Will NANPA's current email distribution lists (e.g., CO code administration, NRUF, NANP planning letters) still be available?**

The email distribution lists NANPA presently maintains are being replaced with the notification capabilities in NAS. By registering in NAS, you can select from a list of geographic and non-geographic notifications that you want to receive. Such lists include notifications on NRUF, CO code administration, and INC guideline changes, as well as NANPA personnel changes, release of planning letters and NANPA newsletters, press releases and other numbering topics. There is also an option to simply receive notifications without having to formally register in NAS.

### **Will the URL for the NANPA website change?**

The URL for the NANPA website will remain the same as today ([www.nanpa.com](http://www.nanpa.com)).

### **Will fax notifications for documents concerning NPA relief planning continue?**

NAS provides email notifications for NPA relief planning activities. NPA relief planning documents will be available to authorized parties via NAS. Fax delivery of these documents and associated notifications will no longer be provided. ■