

August 1, 2017 NRUF Reminder

NANPA reminds service providers that their NRUF Form 502 is due on or before close of business August 1, 2017. Carriers are reminded to report utilization data as of June 30, 2017 and forecast data for the next 4 1/2 years, with Year 1 on all forecast forms referring to resources needed for the remainder of 2017.

Service providers using the email/spreadsheet filing method must use the June 2016 Form 502 in .xlsm or .xlsx Excel™ format. Submissions in .xls format using prior versions of Form 502 will be rejected.

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2016 NANPA Performance Evaluation

At the June 29, 2017 meeting of the North American Numbering Council (NANC), the Numbering Oversight Working Group (NOWG) presented its evaluation of NANPA's 2016 performance. The NOWG rated Neustar's performance as the NANPA as "Met" indicating that NANPA's performance consistently met and often exceeded all of the requirements established by the industry and the FCC. A copy of the report can be found on the NANC Chair website (www.nanc-chair.org).

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NAS Migration to the Cloud

On April 29, 2017, the NANP Administration System (NAS) migrated to the Amazon Web Services (AWS) cloud platform. AWS is a Federal Risk and Authorization Management Program (FedRAMP)-compliant cloud service provider. It has been assessed and authorized through the FedRAMP and FCC authorization processes and has agency-approved Authority to Operate.

Neustar utilizes three availability zones for NAS in the cloud. AWS operates in Regions which are geographically different from one another. An availability zone is an isolated location within an Amazon Region. NAS uses at least two primary availability zones in the AWS US eastern region and at least one in the AWS US western region. The multiple availability zone strategy provides improved failover times in the event of any unexpected interruption to the service and the ability to promptly use additional availability zones in its western region should that be necessary. This affords customers an additional layer of protection against unavailability.

With AWS, NAS uses Infrastructure As A Service (IAAS), which enables NANPA to create code to automate routine maintenance tasks, quickly rebuild virtual servers in the event of a failure and automatically deploy new software releases. Further, AWS offers a high level of scalability, lowering the need for infrastructure that accommodates peak usage at all times.

Mark Your Calendar!

INC Calendar

INC 155	July 25-26, 2017 Denver, CO
INC 156	Week of Sept 18, 2017 Washington, DC
INC 157	Week of Nov 13, 2017 Overland Park, KS

NANC Calendar

September 21, 2017	Washington DC
December 7, 2017	Washington DC

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If a carrier needs to update the February 1, 2017 forecast between July 1 and July 31, the carrier must submit the August 1, 2017 NRUF. If the carrier has not yet finished the utilization reporting at that time, the carrier can submit the new NRUF for August 1, and then must update the NRUF to include the utilization portion(s) on or before August 1, 2017.

Please see the NANPA website (www.nanpa.com), through "NRUF" then "Submission Methods and Resources," for instructions regarding methods of submission and to download the recently-updated NRUF Geographic Job Aid and/or the Non-Geographic Job Aid.

As a reminder, if you have not already registered to be a user of NAS, you must do so prior to submitting your NRUF. This applies to all reporting carriers who intend to submit NRUF information. Also, please be sure your NAS registration is still active (i.e., your NAS password has not expired). For assistance with NAS registration and password issues, please contact the NAS Customer Support Desk at 1-866-623-2282 or nanpa-login@team.neustar.

Questions regarding this reminder may be directed to 571-434-5789 or 571-434-4671. ■

Submitting NRUF: Excel vs. Online (NAS)

The two NRUF submission methods commonly used are the Excel™ spreadsheet and online (NAS). Of the two, the Excel™ spreadsheet is the most popular submission method. In 2016, 57% of all NRUF submissions used the spreadsheet method. The spreadsheet allows the user to enter large amounts of data and to save the spreadsheet during this process. The user can easily make changes and re-submit the spreadsheet as necessary. It is also helpful for record-keeping purposes.

The online submission method is commonly used to update previously-submitted data. For example, service providers will often use the online option to add or modify forecast information after their initial NRUF submission. In addition, service providers with only a few codes and/or blocks have used the online method.

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Central Office Code Activity (January – May 2017)

Central office code activity for the first five months of 2017 is summarized below. 2017 assignment totals are less than the same time period in 2016 and 2015. Annualized 2017 assignments are projected to be 2,700 to 2,800 codes.

	Jan-May17	Jan-May16	Jan-May15	Jan-May14	Jan-May13
Assignments	1,150	1,571	1,527	1,133	1,296
Denials	790	200	209	267	546
Returns	96	101	72	91	129
Net Assignments	1,054	1,470	1,455	1,042	1,160
Total Year Assignments	2,760*	3,405	3,728	3,414	2,712

**Annualized figure.*

NANPA Staff Changes

Over the past few months, there have been a number of changes in the NANPA staff. Below is a summary of those changes:

October 2016 – Tom Foley, Sr. Manager, Data Analysis, retired from Neustar on October 28, 2016. Bruce Armstrong, part-time on the Pooling Administration contract, assumed Mr. Foley's responsibilities.

March/April 2017 – NANPA welcomed Patricia (Patty) Soderland to the NANPA Code Administration team. Patty assumed responsibilities for the states/NPAs as indicated at https://www.nationalnanpa.com/number_resource_info/co_code_admins.html.

July 2017 – Joe Cocke, Sr. NPA Relief Planner, retired from Neustar on June 30, 2017. Heidi Wayman, Sr. AOCN Administrator, was promoted and assumed Mr. Cocke's responsibilities for NPA relief planning.

July 2017 – Teri Laslo, Customer Service Representative and Code Administrator, was promoted and assumed Ms. Wayman's responsibilities as AOCN Administrator.

NANPA extends its appreciation to Tom Foley and Joe Cocke for all their work and dedication to the NANPA team over the past 19 years and wish them all the best in their retirement. ■



News Brief

Emails from individuals in the @neustar.biz domain have transitioned to firstname.lastname@team.neustar. To ensure our communications are not flagged as spam email, notify your IT department to whitelist our new @team.neustar domain. Also, please do not blacklist the @neustar.biz email domain, since emails (e.g. Part 3 emails) from the NANP Administration System (NAS) will continue to use the @neustar.biz domain name.

On July 11, 2017, the LEE rate center will be consolidated under the CHERRYLAKE rate center, the BAKER rate center will be consolidated under the CRESTVIEW rate center, the VALPARAISO rate center will be consolidated under the DESTIN rate center and the ALFORD, GRANDRIDGE & MALONE rate centers will be consolidated under the GREENWOOD rate center in the Florida 850 NPA.

Now that NAS and the NANP Notification System (NNS) is hosted on the Amazon Web Services (AWS) cloud platform, emails come from AWS. If your email system blocks emails from Amazon or treats them as spam, you will need to make appropriate updates to allow the NANPA notices to be delivered. Contact the NANPA Customer Service Desk at nanpa-login@team.neustar if you need assistance in whitelisting these emails. Notices come from nanpa.notices@neustar.com and/or nanpa.notices@neustar.biz. Mailing list users with email systems that block NANPA notices or treat them as spam will be removed from the mailing list.

The April 2017 NPA, NANP and 5XX NPA exhaust projections were posted on the NANPA website at the end of April. These projections can be found at https://www.nationalnanpa.com/reports/reports_npa.html.

On June 3, 2017, the 833 NPA was introduced (See PL-506). The FCC authorized Somos, Inc., the Toll-Free Neutral Administrator, to open the 833 toll-free area code. A copy of the FCC Order can be found at <https://ecfsapi.fcc.gov/file/0421443023924/DA-17-382A1.pdf>.

The 332 NPA was added to the 212/646/917 overlay complex on June 10, 2017. (See PL-489).

As a reminder, an NRUF preparation checklist is available on the NANPA website (http://www.nationalnanpa.com/nruf/NRUF_Preparation_Checklist.pdf).

NANPA submitted Change Order 7 in response to INC Issue 830. Issue 830 proposes modifications to three NAS-generated emails (i.e., the Central Office Code (NXX) Assignment Request – Part 3 Email, the Confirmation of Code Activation (Required) – Part 4 Email, and the Part 4 Delinquent Email). In addition, the issue includes modifications to four NAS reports: the Central Office Code Utilization Code Report (both secure NAS and public report), the Submitted Part 1's Report, the Submitted Part 4's Report and the Assignments Needing Part 4 Report.

Registered NAS users (not Mailing List users) should periodically check and update the information in their NAS profile. Go to the NANPA website (www.nanpa.com) and log into NAS. Select "User Profile" from the tool bar followed by "Edit User Profile." Pay special attention to the telephone numbers and email address. These serve as NANPA's primary contact information. ■

Area Code Relief Planning Activity

A summary of NPA relief planning projects is provided below:

California NPA 323/213 Boundary Elimination – On July 14, 2016, the California Public Utilities Commission approved a boundary elimination overlay as the relief method for the 323 NPA. Mandatory 1+10-digit dialing started July 8, 2017. The effective date of the boundary elimination is August 1, 2017. (See PL-494).

Washington 360 NPA Overlay – On May 19, 2016, the Washington Utilities and Transportation Commission conducted an open hearing to discuss the proposed area code relief plan for the western Washington area codes (NPAs 206, 253, 360 and 425). It was agreed that 10-digit dialing would be implemented in all the western NPAs along with an overlay of the 360 area code with the 564 NPA. Permissive 10-digit dialing started January 28, 2017, with mandatory dialing beginning July 29, 2017. The in service date for the new 564 NPA is August 28, 2017. (See PL-492).

Idaho 208 NPA Overlay – On November 2, 2015, the Idaho Public Utilities Commission approved an all-services overlay of the 208 NPA. The new 986 NPA will serve the same geographic area currently served by the existing 208 NPA. Permissive 10-digit dialing started November 5, 2016 with mandatory 10-digit dialing beginning August 5, 2017. The in service date for the new 986 NPA is September 5, 2017. (See PL-490).

New York 518 NPA Overlay – On September 15, 2016, the New York State Public Service Commission approved an all-services overlay of the 518 area code. The new 838 NPA will serve the same geographic area currently served by the existing 518 NPA. Permissive 10-digit dialing started March 18, 2017 with mandatory 10-digit dialing beginning August 19, 2017. The in service date for the new 838 NPA is September 19, 2017. (See PL-497).

Pennsylvania 717 NPA Overlay – On October 27, 2016, the Pennsylvania Public Utility Commission approved an all-services overlay of the 717 area code. The new 223 NPA will serve the same geographic area currently served by the existing 717 NPA. Permissive 10-digit dialing started March 4, 2017 with mandatory 10-digit dialing beginning August 26, 2017. The in service date for the new 223 NPA is September 26, 2017. (See PL-501).

Texas 210 NPA Overlay – On July 20, 2016, the Public Utilities Commission of Texas approved an all-services overlay of the 210 NPA. The new 726 NPA will serve the same geographic area currently served by the existing 210 NPA. Permissive 10-digit dialing started March 25, 2017 with mandatory 10-digit dialing beginning September 23, 2017. The in service date for the new 726 NPA is October 23, 2017. (See PL-495).

Pennsylvania 215/267 Overlay Complex – On November 9, 2016, the Pennsylvania Public Utility Commission approved the addition of a new area code to the 215/267 overlay complex. The 445 NPA will be added to the overlay complex on March 3, 2018. (See PL-499).

California 916 NPA Overlay – On February 9, 2017, the California Public Utilities Commission approved an all-services overlay of the 916 area code. The new 279 NPA will serve the same geographic area currently served by the existing 916 NPA. Permissive 1+10-digit

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Submitting NRUF: Excel vs Online

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Determining which method to use is a service provider decision. NANPA offers the following insights when deciding which submission option to use.

- Entering utilization and forecast data can be time-consuming. NANPA recommends if the user will spend more than 20 minutes to enter this data online, the spreadsheet is a better option. Network connection and internet access issues as well as possible interruptions while entering the data can all lead to problems with submitting accurate and complete data.
- Service providers submitting utilization/forecast data for more than one OCN should consider using the spreadsheet method. When entering data online, it is common for users to get confused which OCN they are entering data, resulting in issues with data integrity.
- Service providers may miss a step when completing the online NRUF, resulting in the data not being properly submitted and requiring the information to be re-entered.
- NRUF data is archived at the end of the submission cycle. Service providers that use the spreadsheet method have a copy of their data which may be used as a starting point for the next submission cycle. For online users, the service provider must re-enter all their data at the beginning of the new cycle.

If the user has any questions about the submission method that is best for them, please contact the NANPA NRUF team. NANPA will be happy to review your unique situation and assist in this important decision. ■

Area Code Relief Planning Activity

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dialing is scheduled to begin August 12, 2017 with mandatory 1+10-digit dialing starting February 10, 2018. The in service date for the new 279 NPA is March 10, 2018. (See PL-502).

New Jersey 609 NPA Overlay – On April 21, 2017 the New Jersey Board of Public Utilities approved an all-services overlay of the 609 area code. The new 640 NPA will serve the same geographic area currently served by the existing 609 NPA. Permissive 10-digit dialing is scheduled to begin January 20, 2018 with mandatory 10-digit dialing starting August 18, 2018. The in service date for the new 640 NPA is September 17, 2018. (See PL-508).

California 619/858 Boundary Elimination – On April 27, 2017, the California Public Utilities Commission approved a boundary elimination overlay as the relief method for the 619 NPA. Permissive 1+10-digit dialing begins November 11, 2017. Mandatory 1+10-digit dialing starts May 19, 2018. The effective date of the boundary elimination is June 19, 2018. (See PL-507).

California 805 NPA Overlay – On May 25, 2017, the California Public Utilities Commission approved an all-services overlay of the 805 area code. The new 820 NPA will serve the same geographic area currently served by the existing 805 NPA. Permissive 1+10-digit dialing is scheduled to begin December 1, 2017 with mandatory 1+10-digit dialing starting June 2, 2018. The in service date for the new 820 NPA is June 30, 2018. (See PL-509).

California 510 NPA – On June 20, 2016, NANPA conducted a relief planning meeting for the 510 NPA. Industry consensus was reached to recommend an all-services overlay. On May 19, 2017, an application for relief was filed with the California Public Utilities Commission.

California 909 NPA – On October 7, 2016, NANPA conducted a relief planning meeting for the 909 NPA. The industry reached consensus to recommend an all-services overlay. On June 23, 2017, an application for relief was filed with the California Public Utilities Commission.

Newfoundland & Labrador, Canada 709 NPA – On February 2, 2017, the Canadian Radio-television and Telecommunications Commission (CRTC) approved an overlay of the 709 NPA. The new 879 NPA will serve the same geographic area currently served by the existing 709 NPA. The in service date for the 879 NPA is November 24, 2018. (See PL-503).

Eastern Quebec, Canada 418/581 Overlay Complex – On February 2, 2017, the Canadian Radio-television and Telecommunications Commission (CRTC) approved the addition of a new area code to the 418/581 overlay complex. The 367 NPA will be added to this overlay complex on November 24, 2018. (See PL-504). ■



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CIC Reports Due

Submission of semi-annual Entity and Access Provider Carrier Identification Code (CIC) reports is a requirement of the CIC Assignment Guidelines (ATIS-0300050). Specifically, the CIC Assignment Guidelines state in Section 3.0 that an entity with an existing CIC assignment must provide the most recent semi-annual entity report prior to requesting an additional CIC.

Entity and Access Provider semi-annual CIC reports covering the period from January 1 through June 30, 2017 (1H17) are due to NANPA by no later than July 31, 2017, as specified in the CIC Assignment Guidelines. These reports may be submitted as Word™, Excel™ or PDF™ document attachments to an email or by fax. The reports should be submitted to Nancy Fears at nancy.fears@team.neustar or via fax to 208-694-5329.

Please ensure the accuracy of the reports before they are submitted, as information in these reports is considered to be certified. Semi-annual CIC reports are the sole tool used by NANPA to confirm if a CIC is being used in accordance with the CIC Assignment Guidelines or to determine if a CIC is subject to reclamation.

CIC assignees are also reminded to review and update CIC contact information as required by the CIC Assignment Guidelines. To provide the above information, assignees should submit a CIC application form (CIC Part A) via NANP Administration System (NAS). ■

2016 NANPA Performance Evaluation

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The basis of the evaluation was the NOWG's in-depth review of NANPA activities and survey responses received from 47 industry and other respondents and 29 state regulators. NOWG's interactions with NANPA, including monthly NOWG/NANPA status meetings, NANPA's annual operational review, NANPA reports to the NANC and NANPA's interaction with the industry were all considered in the evaluation.

According to the NOWG report, the survey results revealed "a high level of satisfaction with the quality of NANPA's work." Further, NANPA continued to "exhibit their professionalism and expertise while performing NANPA duties." The report noted that for 2016, NANPA continued to "perform at a consistent level of efficiency in the administration of all NANP resources." Specifically noted in the report was the work NANPA accomplished in 2016 concerning 1) one-on-one NRUF training for newly-authorized interconnected VoIP providers, 2) the completion of a two year project to reclaim 555 line numbers and implement the sunset of the 555 NXX Assignment Guidelines, 3) the submission of several NAS enhancements which included updates to the NRUF Form 502 and NRUF FTP file format and 4) providing industry leadership and support in NPA relief planning, NRUF, other NANP resources and code administration activities.

NANPA thanks all survey participants for providing their input on this important matter. Your feedback on NANPA's performance is extremely important in our efforts to meet customers' requirements. ■