



First Quarter 2018

Provided by the North American Numbering Plan Administration

Be Informed via NNS

The NANP Notification System (NNS) provides a vehicle for NANPA to distribute notifications when significant events occur. 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 central office code administration;
- NPAs moving into or out of jeopardy status or other changes to the jeopardy status of an NPA;
- Announcements by regulators of changes that affect NANP processing; and
- Data related to the status of state-specific conservation deliberations.

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NANP Resource Status Update

The following is an update on NANP resource assignment activity from January 1, 2017 through December 31, 2017.

NPA Codes

Nine new NPA codes were introduced in 2017:

Location	Area Codes	In-Service Date
New York	NPA 680 overlays NPA 315	3/11/17
Toll-Free	NPA 833 relieves NPAs 800, 888, 877, 866, 855 and 844	6/3/17
New York	NPA 332 overlays 212/646/917	6/10/17
Washington	NPA 564 overlays NPA 360	8/28/17
Idaho	NPA 986 overlays NPA 208	9/5/17
New York	NPA 838 overlays NPA 518	9/19/17
Non-Geographic	NPA 521 relieves NPAs 500, 522, 533, 544, 566, 577 and 588	9/21/17
Pennsylvania	NPA 223 overlays NPA 717	9/26/17
Texas	NPA 726 overlays NPA 210	10/23/17

Seven NPAs were assigned in 2017. NPA 879 was assigned as the relief area code for the Newfoundland, Canada 709 NPA. NPA 367 was assigned as the relief area

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Mark Your Calendar!

INC Calendar

INC 160	May 1-3, 2018 Kansas City, MO
INC 161	July 17-18, 2018 Denver, CO
INC 162	Sept 19-20, 2018 San Francisco, CA
INC 163	Nov 13-14, 2018 Temple Terrace, FL

NANC Calendar

April 27, 2018	Conference Call
May 29, 2018	Washington DC

2017 NRUF Processing Volumes

NANPA collects, sorts and stores NRUF data submitted by service providers. Data may be submitted via NAS, email (i.e., Excel™ workbook), Electronic File Transfer (EFT/FTP), compact disc or paper. In 2017, NANPA processed over 14,000 NRUF submissions and provided a confirmation of receipt, to include any identified errors, within seven calendar days. In addition to processing submissions, NRUF administration also responded to over 1,300 telephone calls and email inquiries related to NRUF.

Summary by Year

	2017	2016	2015	2014	2013	2012
Total	14,065	13,334	13,665	14,354	14,382	16,574
Email	7,962	7,627	7,379	7,533	7,678	7,294
FTP	1,463	1,525	1,801	1,924	1,934	2,321
Web	4,640	4,182	4,485	4,897	4,770	6,959
CD	0	0	0	0	0	0

On a monthly basis, submission volumes peak in January and July as these are the months preceding the NRUF filing due dates of February 1 and August 1

NRUF Filing Volume by Month – 2017

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
Total	3,042	711	240	82	77	65	2,570	816	199	51	48	61
Email	696	14	1	0	0	0	742	10	0	0	0	0
FTP	976	380	388	159	163	206	1,099	383	189	184	317	196
Web	4,714	1,105	629	241	240	271	4,411	1,209	388	235	365	257

After the due dates, many service providers have the need to respond to missing utilization/anomalous notifications and update their forecast. ■

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Non-geographic notifications available to the public include:

- Changes in Industry Numbering Committee (INC) administration guidelines;
- Updates on the NRUF Form 502 and associated job aids, as well as procedural changes (such as the introduction of new data fields);
- Changes to NANPA processes that will affect customers;
- NANPA Planning Letters and quarterly Newsletters;
- International activities impacting the NANP and NANP Administration;
- New and/or revised NPA and NANP exhaust projections;
- Reminders relating to semi-annual CIC reporting requirement;
- Scheduled system maintenance and system availability issues; and
- Client education, new forms and tools.

NAS permits users to search for specific notices based upon a particular time period. Notifications concerning NPA relief planning activity remain limited to only the service provider industry and appropriate regulatory agencies.

In 2017, NANPA distributed 146 notifications. ■

OCNs and NRUF

Operating Company Numbers (OCNs) are essential to filing an NRUF (FCC Form 502). OCNs can be obtained from NECA (www.neca.org; 800-228-8597). Service providers must list the Parent Company OCN and Service Provider OCN in the applicable fields on the NRUF with each filing.

The NRUF Geographic Job Aid document on the NANPA website (www.nanpa.com) provides this direction on Parent Company OCNs:

If the reporting carrier is a subsidiary of another company, the reporting carrier should provide the name of that other company as its Parent Company. If the reporting carrier is owned by more than one Parent Company, the reporting carrier should report the Parent Company Name and OCN of the highest Parent Company located within the state for which the reporting carrier is reporting data.

If the reporting carrier is not a subsidiary of any other company, the reporting carrier should enter its own name/OCN in the Parent Company/OCN field.

The Geographic Job Aid also mentions this in relation to Service Provider OCNs:

Carriers must submit their NRUF data based upon the Service Provider OCN and must include all thousands-blocks and central office codes assigned to the OCN.

Service providers and/or their consultants should regularly check their NAS profiles to ensure they have all of the correct OCNs in their NAS profiles to avoid NRUF errors. The NANPA Help Desk (866-623-2282; nanpa-login@team.neustar) can provide assistance in verifying the OCNs in NAS profiles. ■

News Brief

On March 3, 2018, NPA 445 was added to the Pennsylvania 215/267 overlay complex.

On March 10, 2018, the overlay of the California 916 NPA with the 279 area code was implemented.

The April 2018 NPA, NANP and 5XX NPA exhaust projections will be posted on the NANPA website at the end of April. Notice of their availability will be provided via the NANP Notification System.

The 2017 NANPA Annual Report is available on the NANPA website (http://www.nationalnanpa.com/reports/reports_annual.html). 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.

Top states in terms of net CO code assignments in 2017 were: California (229), Texas (217), New York (158) and Georgia (134). Top NPA was the Atlanta, Georgia overlay complex (404/678/770/470) with 91 net assignments.

In 2017, 99% of all CO code assignment applications processed by NANPA came through Pooling Administration.

On February 15, 2018, 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) were implemented. In addition, the state abbreviation was added to the Submitted Part 1 Report and Submitted Part 4 Report in NAS. Further, the state abbreviation, OCN name and rate center abbreviation was added to the Assignments Needing Part 4 Report.

On June 20, 2018, the BRIGHTON rate center in the 303 area code will be consolidated under the DENVER rate center. ■

Area Code Relief Planning Activity

A summary of NPA relief planning projects is provided below:

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 started November 11, 2017. Mandatory 1+10-digit dialing begins 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 started December 1, 2017. Mandatory 1+10-digit dialing begins June 2, 2018. The in service date for the new 820 NPA is June 30, 2018. (See PL-509).

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 started January 20, 2018. Mandatory 10-digit dialing starts August 18, 2018. The in service date for the new 640 NPA is September 17, 2018. (See PL-508).

Newfoundland & Labrador, Canada 709 NPA Overlay – 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).

Jamaica 876 NPA Overlay – On September 15, 2016, the Office of Utilities Regulation approved an all-services overlay as the relief method for the 876 NPA. The 876 NPA covers the entire island of Jamaica. The new 658 NPA overlay will serve the same geographic area currently served by the existing 876 NPA. Permissive 10-digit dialing is scheduled to begin May 31, 2018. Mandatory 10-digit dialing starts October 30, 2018. The in service date for the 658 NPA is November 30, 2018. (See PL-510).

California 510 NPA – On May 19, 2017, an application for relief was filed with the California Public Utilities Commission recommending an all-services overlay. The forecasted exhaust date is 2Q2019.

California 909 NPA – An application for relief recommending an all-services overlay was filed with the California Public Utilities Commission on June 23, 2017. The forecasted exhaust date is 3Q2020.

Ohio 937 NPA – On November 9, 2017, NANPA filed a petition on behalf of the industry with the Public Utilities Commission of Ohio recommending an all-services overlay of the 937 area code. The forecasted exhaust date is 3Q2020.

South Carolina 803 NPA – On January 24, 2018, NANPA filed a petition on behalf of the industry with the South Carolina Public Service Commission recommending an all-services overlay of the 803 area code. The forecasted exhaust date is 4Q2020. ■



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NANP Resource Update

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code for the Quebec, Canada 418/581 overlay complex. NPA 279 was assigned as the relief code for the California 916 NPA. NPA 640 was assigned as the relief code for the New Jersey 609 NPA. NPA 820 was assigned as the relief code for the California 805 NPA. NPA 658 was assigned as the relief code for the Jamaica 876 NPA. NPA 521 was assigned as the relief NPA for the non-geographic 5XX NPAs.

Finally, NPA 456, used for International Inbound services, was returned to the NANP inventory.

Central Office Code Activity for January – December 2017

	2017	2016	2015	2014	2013	2012	2011
Total Code Requests Processed	11,491	10,272	14,051	12,400	20,362	10,243	13,782
Total Assignments	2,713	3,405	3,728	3,414	2,712	2,637	2,889
Net Assignments	2,502	3,184	3,495	3,155	2,428	2,065	2,273
Changes	7,201	5,963	9,476	7,980	16,366	6,199	9,336
Denials	1,366	683	614	747	1,000	833	941
Returns	211	221	233	259	284	572	616
Cancellations	91	153	71	118	267	181	176
Reservations	0	0	0	0	0	2	0
Pooling Pass Throughs	6,753	6,525	7,210	7,144	7,995	7,321	9,441

FG B Carrier Identification Codes (CICs)

No FG B CICs were assigned in 2017 and eight (8) FG B CICs were returned or reclaimed. As of the end of 2017, 243 FG B CICs were assigned in total.

FG D Carrier Identification Codes (CICs)

NANPA assigned 16 FG D CICs in 2017. A total of 53 FG D CICs were returned/reclaimed. At the end of 2017, 1,926 FG D CICs were assigned in total, leaving 7,851 FG D CICs available for assignment.

5XX NPA

A total of 781 5XX-NXX codes were assigned in 2017. Eight-one (81) 5XX-NXX codes were returned. At the end of 2017, 652 codes remained available for assignment. Sixty-three (63) 5XX-NXX codes are not available for assignment (5XX-555 and all 5XX-N11).

900 NPA

No 900-NXX codes were assigned in 2017. Two (2) codes were returned. Forty-nine (49) 900-NXX codes were not available for assignment as of December 31, 2017. These include eight 900-N11 codes and 41 900-NXX codes reserved for Canadian use. At the end of 2017, a total of 53 900-NXX assignments were in effect. The quantity of 900-NXX codes available for assignment was 698.

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. There were no 800-855 number assignments or returns in 2017. As of December 31, 2017, a total of 93 800-855 line numbers were assigned.

NPA 456 (International Inbound Service)

In 2017, there were no new 456-NXX codes assignments. Two (2) codes were returned. The International Inbound NPA Assignment Guidelines were sunset in November 2017 and the 456 NPA was returned to the NANP inventory.

Vertical Service 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 such as local exchange carriers, interexchange carriers or commercial mobile radio service (CMRS) providers. NANPA made no VSC assignments in 2017.

Automatic Number Identification "II" digits

Automatic Number Identification (ANI) Information Integers ("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. No ANI II digit assignments were made in 2017. ■