



September 2, 2021

Electronically Filed

Hon. Michelle L. Phillips  
Secretary to the Commission  
New York State Public Service Commission  
Agency Building 3  
Albany, NY 12223-1350

Re: Petition of the North American Numbering Plan Administrator, On Behalf of  
the New York Telecommunications Industry, For Relief of the “516” Numbering  
Plan Area

Dear Secretary Phillips:

SomosGov, Inc., in its role as the North American Numbering Plan Administrator (“NANPA”), hereby submits for filing a petition on behalf of the New York telecommunications industry for relief of the “516” Numbering Plan Area (“NPA”) (aka “area code”).

If you have any questions regarding this filing, please contact me at 925-420-0340.

Respectfully submitted,

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Florence Weber  
Senior Director,  
North American Numbering Plan Administrator  
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925-420-0340  
fweber@nanpa.com

**BEFORE THE  
STATE OF NEW YORK PUBLIC SERVICE COMMISSION**

\_\_\_\_\_  
Petition of the North American )  
Numbering Plan Administrator on Behalf )  
Of the New York )  
Telecommunications Industry for )  
Relief of the 516 NPA )

**Case Number:** \_\_\_\_\_

**PETITION OF THE  
NORTH AMERICAN NUMBERING PLAN ADMINISTRATOR  
ON BEHALF OF THE NEW YORK TELECOMMUNICATIONS  
INDUSTRY**

Respectfully submitted,

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September 2, 2021

**NEW YORK PUBLIC SERVICE COMMISSION**  
**Albany, New York 12223-1350**

**Petition of the North American )  
Numbering Plan Administrator, on )  
Behalf of the New York )  
Telecommunications Industry, for )  
Relief of the 516 Numbering Plan Area )**

**Case No:** \_\_\_\_\_

**PETITION OF THE  
NORTH AMERICAN NUMBERING PLAN ADMINISTRATOR  
ON BEHALF OF THE NEW YORK TELECOMMUNICATIONS  
INDUSTRY**

The North American Numbering Plan Administrator (“NANPA”), as the neutral third-party numbering plan area (“NPA”) (also referred to as “area code”) relief planner for New York and on behalf of the New York telecommunications industry (“Industry”),<sup>1</sup> hereby notifies the New York Public Service Commission (“PSC”)<sup>2</sup> that the 516 NPA serving a portion of Long Island, New York, is projected to exhaust its Central Office codes (often referred to as “CO” or “NXX” codes) by the third quarter of 2023 and is in need of relief. This means that absent NPA relief, the supply of CO codes in the 516 NPA is projected to run out during the projected exhaust quarter. In accordance with Industry guidelines, only an overlay will meet the requirements for relief of the 516 NPA, which is scheduled to transition to mandatory 10-digit dialing due to the national implementation of 988 to reach the national suicide prevention lifeline.<sup>3</sup> The Industry respectfully requests that the Commission expeditiously approve the Industry’s plan to implement the overlay as set forth herein.

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<sup>1</sup> The Industry is composed of current and prospective telecommunications carriers operating in, or considering operations within, the 516 NPA.

<sup>2</sup> The Federal Communications Commission (“FCC”) delegated authority to the states to review and approve NPA relief plans. See 47 C.F.R. §52.19.

<sup>3</sup> See NANPA Planning Letter 556 published on the NANPA website at [https://www.nationalnanpa.com/pdf/PL\\_556.pdf](https://www.nationalnanpa.com/pdf/PL_556.pdf).

The Industry recommends that it implement the new NPA based upon a 9-month schedule. The new NPA will be implemented after customer education of the transition to 10-digit dialing is completed in the 516 NPA. Adhering to the Industry agreed-upon schedule will allow the new NPA to be implemented six months prior to the projected exhaust of the 516 NPA. The industry will complete the implementation of mandatory 10-digit dialing by July 2022, well before starting the utilization of the new NPA.

**Background:** The 516 NPA has been in service since 1951. In 1999, the 516 NPA was nearing exhaust and the PSC approved a geographic split of the 516 NPA, introducing the 631 NPA.

The 516 NPA is in the southeastern portion of New York and serves Nassau county. The 516 NPA serves the town of Hempstead and villages within Hempstead including but not limited to Freeport, Glen Cove, and Levittown. The 516 NPA is bordered on the north by Long Island Sound, to the east by the 631/934 NPA overlay complex, to the south by the Atlantic Ocean and to the west by the 718/347/929/917 NPA overlay complex.

As required by the FCC, NANPA collects CO code assignment, utilization, and forecasted demand data to determine the projected demand for numbering resources. NANPA uses this data to project the exhaust date of each area code and publishes the results twice a year. In October 2020 NANPA published its semi-annual Numbering Resource Utilization/Forecast (NRUF) and NPA Exhaust Analysis (“October 2020 NRUF Report”) which indicated that the 516 NPA would exhaust during the first quarter of 2024.<sup>4</sup> However, due to an increase in CO code requests in the 516 NPA, NANPA issued a delta NRUF exhaust forecast on March 29, 2021, revising the forecasted exhaust to the third quarter of 2023.

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<sup>4</sup> October 2020 NRUF and NPA Exhaust Analysis (“October 2020 NRUF Report”). The October 2020 NRUF Report can be accessed on the NANPA web site at <https://www.nanpa.com>.

The 516 NPA is scheduled to complete the transition to mandatory 10-digit local dialing by July 15, 2022, as a result of the FCC's Order approving the designation of 988 as the three-digit abbreviated dialing code for the national suicide prevention lifeline.<sup>5</sup> The NPA Relief Planning Guidelines were amended to accommodate the impact the national implementation of the 988 abbreviated dialing code will have on area code relief. The amended NPA Relief Planning Guidelines state that "where NPA relief is required for a single NPA area and ... the NPA is scheduled to transition to 10-digit dialing...the Initial Planning Document, relief planning meeting, and industry consensus to recommend an overlay is not required."<sup>6</sup>

Due to this change to the Guidelines, the only option for relief of the 516 NPA is an overlay. The industry initially met on June 3, 2021, to approve the petition for an all-services distributed overlay of the 516 NPA. However, during the meeting, an industry member suggested that NANPA consider a boundary elimination overlay alternative between the 516 NPA and the 631/934 NPA. The 631 NPA was created as a result of a geographic split in 1999 from the 516 NPA and then subsequently received the 934 overlay, so the boundary elimination would return the Long Island area to one overlay area. In addition, there were other considerations such as the ability to fully utilize 43 grandfathered codes that are stranded in the 516 NPA whose rate centers are now part

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<sup>5</sup> Under the industry 10-digit dialing transition plan for 988 implementation, customers will be educated to expect that mandatory 10-digit dialing will begin on October 24, 2021. Service providers will then have between October 24, 2021 and July 15, 2022 to remove 7-digit dialing in the 516 NPA from their networks. See the 988 milestones posted on the NANPA website at [https://www.nationalnanpa.com/transition\\_to\\_10\\_digit\\_dialing\\_for\\_988/index.html](https://www.nationalnanpa.com/transition_to_10_digit_dialing_for_988/index.html).

<sup>6</sup> NPA Code Relief Planning and Notification Guidelines (ATIS-0300061, Oct. 23, 2020) at §5.6.2 ("NPA Relief Planning Guidelines"). In order to plan for the introduction of new area codes, NANPA and the Industry utilize the. The NPA Relief Planning Guidelines assist NANPA, the Industry, and regulatory authorities within a particular geographic NPA in the planning and execution of relief efforts. The NPA Relief Planning Guidelines can be accessed on the ATIS website located at [https://www.atis.org/01\\_committ\\_forums/inc/documents/](https://www.atis.org/01_committ_forums/inc/documents/).

of the 631/934 NPA, as well as elimination of three split rate centers.

NANPA held a second NPA Relief meeting on July 13, 2021<sup>7</sup>, to review an Initial Planning Document (IPD)<sup>8</sup> that included two alternatives for relief:

- **Alternative #1:** An all-services distributed overlay of the 516 NPA that has a projected life of 49 years.
- **Alternative #2:** A boundary elimination overlay of the 516 and 631/934 NPAs. The boundary elimination alternative removed the boundary between the 516 and 631/934 NPAs into one all-services distributed overlay area. CO codes from the non-exhausting NPAs would be assignable in the exhausting NPA, and any remaining CO codes from the exhausting NPA would be assignable in the non-exhausting NPA after the overlay is implemented. Alternative #2 has a projected life of 22 years.

At the meeting, the participants discussed the attributes of both relief alternatives and reached consensus to recommend to the Commission Alternative #2, a boundary elimination overlay of the 516 and 631/934 NPAs as the preferred form of relief for the 516 NPA. The Industry preferred the boundary elimination overlay because it is a more efficient use of NPA code resources, allows full utilization of 43 grandfathered CO Codes from the 516/631 split and combines three previously bisected rate centers: Cold Spring Harbor, Farmingdale and Amityville.

***Current Relief Efforts:*** On July 23, 2021, NANPA received a letter with follow-up affirming emails from four Industry parties requesting that NANPA reopen the Industry's consensus relief decision for the 516 NPA<sup>9</sup>. Pursuant to Industry guidelines, NANPA conducted an Industry meeting on August 9, 2021, during which the

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<sup>7</sup> The final meeting minutes from July 13, 2021 are attached as Exhibit A.

<sup>8</sup> A copy of the IPD is attached as Attachment 1 to Exhibit A.

<sup>9</sup> See Exhibit B which includes the final meeting minutes from August 9, 2021.

Industry reached consensus to reopen the previously agreed upon relief plan and to recommend an all-services distributed overlay to the Commission as the preferred relief method for the 516 NPA.

The Industry also established, by consensus, a relief implementation schedule which includes flexible timeframes so that the industry can accommodate certain holidays, high traffic days, network freeze periods, and implementation dates for other NPA relief activities occurring in other parts of the country.

***Description of the Overlay:*** The all-services overlay would superimpose a new NPA over the same geographic area covered by the existing 516 NPA and is projected to last approximately 49 years. NANPA would not assign CO codes from the new overlay NPA until all assignable CO codes from the 516 NPA are exhausted. All existing customers would retain their current area code in the overlay area and would not have to change their telephone numbers. The implementation of an overlay requires mandatory 10-digit dialing for local calls, including calls within the same NPA. However, by the time the new overlay is effective, customers in the 516 NPA will have already transitioned to mandatory 10-digit dialing as a result of the national implementation of 988 to reach the National Suicide Prevention Lifeline.

The Industry-recommended dialing plan set forth in the following table is consistent with the dialing plan already in place for the 631/934 NPA overlay, creating a

consistent dialing plan for all of Long Island.

Type of call	Call terminating in	Dialing plan
Local & Toll Calls	Overlay NPAs Home NPA (HNPA) (Within and between 516 and new NPA)	10-digits (NPA-NXX-XXXX)*
Local & Toll calls	Foreign NPA (FNPA) outside of overlay NPAs	1 + 10-digits (1 + NPA-NXX-XXXX)
Operator Services Credit card, collect, third party	HNPA or FNPA	0 + 10-digits (0 + NPA-NXX-XXXX)

\*1+10-digit dialing for all calls permissible at service provider’s discretion

The Industry reached consensus to implement relief in accordance with a 9-month schedule, which would start after mandatory 10-digit local dialing customer education has been completed in the 516 NPA as part of the 988 transition. The schedule does not include specific dates, but rather timeframes to identify the phases of implementation. Once the Commission has approved the instant Petition, the Industry will select specific dates at an implementation meeting to ensure the dates do not interfere with certain holidays, high traffic calling days, network freeze periods, or other NPA relief implementation activities occurring across the country. Moreover, the Commission’s expeditious approval of the instant Petition and adherence to the proposed implementation schedule will avoid the denial or delay of service to telecommunications providers’ customers due to the unavailability of CO codes.

The Industry-agreed upon implementation schedule is set forth in the table below. Also, it should be noted that there is no requirement for a permissive dialing period because it is expected that mandatory 10-digit dialing will be enforced by the time the 9-month implementation schedule is completed.

**Implementation Schedule for an All-Services Overlay**

EVENT	TIMEFRAME
Customer Education and Network Preparation Period	9-months
Earliest Activation of CO Codes in the new NPA	At completion of Customer Education and Network Preparation Period
Effective date of the new NPA	No later than 1Q2023

**Conclusion:** The Industry requests that this Petition be granted expeditiously without a hearing. To the extent possible, the Industry requests that the Commission forego in-person meetings and hearings in favor of written comments and reply comments. Once the Commission has granted this petition, the Industry will implement an all-services distributed overlay over the 516 NPA in accordance with the implementation schedule set forth above. As such, the industry requests that the Commission grant this petition no later than January 15, 2022.

Respectfully submitted,



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September 2, 2021

# **EXHIBIT A**



August 2, 2021

To: All 516 NPA and 631/934 NPA Code Holders and Interested Industry Members (New York)

Subject: Final Minutes of the Second Relief Planning Meeting for the 516 NPA

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Attached are the final minutes from the July 13, 2021 second relief planning meeting to review the Initial Planning Document for the New York 516 NPA. These minutes became final on July 27, 2021.

If you have any questions, please give me a call at (571) 363-3824 or via email at [hwayman@nanpa.com](mailto:hwayman@nanpa.com).

Sincerely,

*Heidi A. Wayman*  
Manager, Data Management  
NANPA

cc: Lauriann Mullen – NY DPS

**NEW YORK – 516 NPA  
SECOND RELIEF PLANNING MEETING  
VIA WEB CONFERENCE  
FINAL MINUTES  
July 13, 2021**

**WELCOME, INTRODUCTIONS & AGENDA REVIEW**

Heidi Wayman, Manager, Data Management–NANPA, welcomed the participants and reviewed the objective of the meeting. A list of attendees can be found in Attachment #1. Heidi then reviewed the agenda and NANPA’s role and responsibilities.

**NANPA’s ROLE AND RESPONSIBILITIES**

Heidi reviewed NANPA’s role and responsibilities for today’s meeting as follows:

- NANPA starts the relief planning process 36 months prior to exhaust of the Numbering Plan Area (NPA). In this case, based on the October 2020 Numbering Resource Utilization/Forecast (NRUF) and NPA Exhaust Analysis the projected exhaust for the 516 NPA was first quarter of 2024 (1Q2024). After reviewing the projected exhaust in March 2021, a revised NPA exhaust projection was published by NANPA on March 29, 2021, moving the exhaust date in by two quarters to third quarter of 2023 (3Q2023) due to an increased CO code demand. As a result, the planning process for relief of the 516 NPA began immediately.
- NANPA facilitated the initial relief planning meeting on June 1, 2021 and the industry reached consensus to have NANPA issue an Initial Planning Document (IPD) with a boundary elimination overlay between the 516 NPA and the 631/934 NPA.
- The IPD including the boundary elimination overlay was posted via the NANP Notification System on June 22, 2021.
- Distribute the notice with the IPD at least four weeks prior to the second relief planning meeting which was completed on June 22, 2021.
- Then, the main objective is achieved by reaching consensus on the petition for relief to be filed with the New York Public Service Commission (PSC).
- Also determine any additional items to include in a filing such as dialing plan, implementation intervals and comply with any state specific requirements.
- Then NANPA is charged with the responsibility of filing a relief petition, on behalf of the industry, with the regulatory authority. Once the industry comes to consensus on what should be included in the filing, NANPA will file the legal document within six weeks of today’s meeting per the INC guidelines or as decided by the industry or as required by the state statute.

**REVIEW CONSENSUS PROCESS AND NPA RELIEF PLANNING GUIDELINES**

Heidi stated that the ATIS (Alliance for Telecommunications Industry Solutions) approved industry consensus process would be followed. She reviewed the consensus process and explained how consensus is determined. In addition, she stated that the minutes would be comprised of consensus agreements, and that issues not captured by consensus could be expressed in the form of a Statement for the Record, which could be conveyed at any point during the meeting.

An overlay is the only option for relief of the 516 NPA, per Section 5.6.3 of the Industry Numbering Committee's NPA Code Relief Planning and Notifications Guidelines (ATIS-0300061; "the Guidelines) which state:

*Where NPA relief is required for a single NPA area and NANPA has determined that only an overlay alternative will meet the guidelines, or the NPA is scheduled to transition to 10-digit dialing or has already transitioned to 10-digit dialing, then the Initial Planning Document, relief planning meeting, and industry consensus to recommend an overlay is not required.*

## **RELIEF PLANNING BACKGROUND AND ASSUMPTIONS**

The 516 NPA has been in service since 1951. In 1999, the 516 NPA was nearing exhaust and the Commission approved a geographic split of the 516 NPA and introduced the 631 NPA.

On February 14, 2000, NANPA filed a petition for relief of the 516 NPA (Case 00-C-0314) on behalf of the telecommunications industry; the industry recommended an all-services distributed overlay as the form of relief. However, due to implementation of thousands-block number pooling and a decrease in Central Office (CO) code demand the projected exhaust of the 516 NPA moved out beyond five years. On July 26, 2002, NANPA submitted a letter to the Commission informing of the exhaust projection change and relief was no longer needed. Subsequently, on June 19, 2003 a second letter was sent from NANPA to the Commission stating relief was no longer needed for the 516 NPA.

The 516 NPA is in the southeastern portion of New York and serves Nassau county. The 516 NPA serves the town of Hempstead and villages within Hempstead including but not limited to Freeport, Glen Cove, and Levittown. The 516 NPA is bordered on the north by the Long Island Sound, to the east by the 631/934 NPA overlay complex, to the south by the Atlantic Ocean and to the west by the 718/347/929/917 NPA overlay complex.

## **NPA STATUS**

**Exhaust Forecast:** The April 2021 Numbering Resource Utilization/Forecast (NRUF) and NPA Exhaust Analysis projects the exhaust of the 516 NPA during the third quarter of 2023 (3Q2023).

As of July 12, 2021, the 516 NPA has 740 central office (CO) codes assigned, 31 CO codes available for assignment, and 29 unavailable CO codes. Additionally, there are 43 CO codes that are grandfathered from the 516-631 NPA split: 11 CO codes in the Brentwood rate center, 5 CO codes in the Central Islip rate center, 1 CO code in Port Jefferson, and 26 CO codes in the Selden rate center. There are 42 Service provider OCNs and 24 OCNs that only have thousands-blocks.

As of July 12, 2021, the 631 NPA has 774 CO codes assigned, 0 CO codes available for assignment, and 26 unavailable CO codes. The 934 NPA has 60 CO codes assigned, 716 CO codes available for assignment, and 24 unavailable CO codes. There are 62 total service providers: 49 CO code holders and 13 OCNs that only have thousands-blocks. The April 2021 NRUF and NPA Exhaust Analysis projects the exhaust of the 631/934 NPA during the third quarter of 2061 (3Q2061). (Attachment #2)

## **THOUSANDS-BLOCK INFORMATION**

Heidi reported that in the 516 NPA pooling commenced on July 1, 2000, there are 11 rate centers, and all 11 rate centers are mandatory pooling. In the period of July 1, 2020 to July 12, 2021, 261 blocks have been assigned and as of July 12 there are 75 blocks available for assignment to service providers. Pooling has assigned 19 codes in the same period, 18 for pool replenishment and one (1) LRN. The central office code forecast for the next twelve months is two (2) codes for pool replenishment and dedicated customers.

Heidi reported that in the 631/934 NPA pooling commenced on June 30, 2001, there are 53 rate centers, and all 53 rate centers are mandatory pooling. In the period of July 1, 2020 to July 13, 2021, 579 blocks have been assigned and as of July 13 there are 349 blocks available for assignment to service providers. Pooling has assigned 51 codes in the same period, 50 for pool replenishment and one (1) LRN. The central office code forecast for the next twelve months is one (1) code for pool replenishment and dedicated customers. (Attachment #3)

Heidi also reviewed:

- Map of all New York NPAs
- NPA 516 Rate Center Map
- NPA 516 Rate Center Map with Cities
- NPA 516 Rate Center Map with Counties
- Rate Center Table for 516 and 631/934 NPAs
- 516 NPA Code Holder Table
- 631/934 NPA Code Holder Table

## **REVIEW OF RELIEF PLANNING OPTIONS**

### **ALTERNATIVE #1 – ALL-SERVICES DISTRIBUTED OVERLAY**

A new NPA code would be assigned to the same geographic area occupied by the existing 516 NPA. Customers would retain their current telephone numbers; however, ten-digit local dialing by all customer within and between NPAs in the affected area would be required. Codes in the overlay NPA will be assigned upon request with the effective date of the new area code. At exhaust of the 516 NPA all future code assignments will be made in the overlay area code. The projected life would be:

Total CO Codes = 769

Total Rate Centers = 11

Area Code Life in Years = 49 years

### **ALTERNATIVE #2 - NPA BOUNDARY ELIMINATION OVERLAY**

The boundary between the existing 516 NPA and 631/934 NPA codes would be eliminated and the 516 NPA and 631/934 NPAs would be assigned to the same geographic areas occupied by the existing 516 NPA and 631/934 NPAs. The 516 NPA and 631/934 NPA customers would retain their current telephone numbers; however, ten-digit dialing for all calls by all customers within the 516 NPA affected area would be required. Available central office codes in the 631/934 NPA will be assigned upon request in the 516 area with the effective date of the new area code boundary and available 631/934 NPA central office codes

could be assigned upon request in the 516 NPA area. At exhaust of the 516 NPA all future CO code assignments will be made from the 631/934 NPAs supply of central office codes. The 516 NPA has 11 rate centers, and the projected exhaust is 3Q2023. The 631/934 NPA overlay complex has 53 rate centers and the projected exhaust is 3Q2061. Eliminating the boundary between the 516 and 631/934 NPAs would have a combined projected life of 22 years, would save the assignment of a new area code, would allow the full utilization of the 43 grandfathered codes that are assigned to rate centers in the 631 NPA such as allowing non-paging carriers to donate blocks to the pool and would eliminate the bisection of three rate centers due to the 631 split that created the 516 NPA. The three bisected rate centers are Cold Spring Harbor, Farmingdale and Amityville.

**516 NPA**

Total CO Codes = 769  
 Total Rate Centers = 11

**631/934 NPA**

Total CO Codes 631 NPA = 800  
 Total CO Codes 934 NPA = 84  
 Total Rate Centers = 53

Combined Area Code Life in Years = 22 years

**GRANDFATHERED CODES**

STATE	NPA	NXX	RATE CENTER ABBREVIATION
NY	516	230	BRENTWOOD
NY	516	258	BRENTWOOD
NY	516	275	BRENTWOOD
NY	516	276	BRENTWOOD
NY	516	278	BRENTWOOD
NY	516	339	BRENTWOOD
NY	516	356	BRENTWOOD
NY	516	429	BRENTWOOD
NY	516	707	BRENTWOOD
NY	516	903	BRENTWOOD
NY	516	906	BRENTWOOD
NY	516	607	CENTRAISLP
NY	516	810	CENTRAISLP
NY	516	909	CENTRAISLP
NY	516	983	CENTRAISLP
NY	516	991	CENTRAISLP
NY	516	440	PTJEFFERSN
NY	516	380	SELDEN

NY	516	381	SELDEN
NY	516	383	SELDEN
NY	516	397	SELDEN
NY	516	438	SELDEN
NY	516	443	SELDEN
NY	516	446	SELDEN
NY	516	449	SELDEN
NY	516	480	SELDEN
NY	516	527	SELDEN
NY	516	556	SELDEN
NY	516	617	SELDEN
NY	516	635	SELDEN
NY	516	658	SELDEN
NY	516	702	SELDEN
NY	516	768	SELDEN
NY	516	769	SELDEN
NY	516	818	SELDEN
NY	516	819	SELDEN
NY	516	848	SELDEN
NY	516	885	SELDEN
NY	516	901	SELDEN
NY	516	948	SELDEN
NY	516	971	SELDEN
NY	516	982	SELDEN
NY	516	994	SELDEN

Per NANPA Planning Letter ([PL-556](#)), on July 16, 2020, the FCC adopted an Order (FCC 20-100) approving the designation of 988 as the 3-digit abbreviated dialing code for the national suicide prevention and mental health crisis hotline, requiring all telecommunications carriers, interconnected Voice over Internet Protocol (VoIP) providers, and one-way VoIP providers (covered providers) to make any network changes necessary to ensure that users can dial 988 to reach the existing National Suicide Prevention Lifeline: 1-800-273-8255 / 1-800-273 (TALK) by July 16, 2022. The Order requires covered providers to implement mandatory 10-digit dialing in NPAs that use both 7-digit dialing and 988 as an NXX. The 516 NPA is included in the requirements of this FCC order.

Below is the implementation schedule of 10-digit dialing for the 988 3-digit code to reach the National Suicide Prevention Lifeline.

ACTION	TIME	DATE
Start of Network Preparation and Customer Education		<b>July 16, 2020</b> (This starts the <i>9.5-month</i> period prior to permissive dialing effective date for carriers to implement permissive 10-digit dialing in their networks and start educating customers about the upcoming dates.)
Start of permissive 10-digit dialing (“permissive 10-digit dialing effective date”)	12:01 am local time	<b>April 24, 2021</b> (This is the date communicated to customers as the “permissive dialing date” and starts the <i>6-month</i> period where customers start practicing dialing 10 digits and reprogram CPE as needed; this is typically a 6-month period in an overlay implementation.)
End of permissive dialing and start of mandatory 10-digit dialing (“mandatory 10-digit dialing effective date”)	12:01 am local time	<b>October 24, 2021</b> (This is the date communicated to customers as the “mandatory dialing date” and starts the <i>8.5-month</i> period where carriers can start enforcing mandatory 10-digit dialing through their carrier-specific rolling cut schedule. This is not a flash cut.)
End of mandatory 10-digit enforcement implementation	12:01 am local time	<b>July 15, 2022</b> (This is the deadline by which carriers must have completed their rolling cuts to enforce mandatory 10-digit dialing.)
Covered providers shall transmit all calls initiated by an end user dialing 988 to the current toll-free access number for the National Suicide Prevention Lifeline, presently 1-800-273-8255 (TALK)	12:01 am local time	<b>July 16, 2022</b>

### CONSENSUS ON RELIEF ALTERNATIVE

There was discussion on the relief alternative to be recommended to the PSC and the industry went through a list of pros and cons of the relief alternatives. A proposal was made, and consensus was reached among the industry members to recommend Alternative #2, the Boundary Elimination Overlay. The boundary elimination overlay

will be included as the industry's choice of relief in the petition filed with the PSC. The boundary elimination overlay was the industry's recommended form of relief due to the following pros and cons listed:

**Pros:**

1	Eliminates the need to open a new NPA for the 516 NPA.
2	Does not require customers to change their area code.
3	It is a more efficient use of resources.
4	Allows full utilization of 43 grandfathered CO Codes from the 516-631 split.
5	Combines 3 previously bisected rate centers: Cold Spring Harbor, Farmingdale and Amityville.

**Cons:**

1	Boundary elimination overlay alternatives have shorter lives than the all-services overlay.
2	Requires a larger quantity of customers to be educated than the all-services overlay.

**CONSENSUS ON DIALING PLAN AND IMPLEMENTATION INTERVALS**

There was discussion regarding the dialing plan. A recommendation was made, and consensus was reached to include the following dialing plan as the dialing plan that will be applied to the 516 NPA with the implementation of the boundary elimination overlay. This is the current dialing plan of the 631/934 NPA. There was discussion if Extended Area Service calls (EAS) should be included in the dialing plan. Verizon agreed to check internally on the dialing plan that should be submitted to the PSC and will report back to the telecommunications industry at the August 3 draft petition review meeting.

Type of call	Call terminating in	Dialing plan
Local & Toll Calls	Overlay NPAs Home NPA (HNPA) (Within and between 631 and 934)	10-digits (NPA-NXX-XXXX)*
Local & Toll calls	Foreign NPA (FNPA) outside of overlay NPAs	1 + 10-digits (1 + NPA-NXX-XXXX)
Operator Services Credit card, collect, third party	HNPA or FNPA	0 + 10-digits (0 + NPA-NXX-XXXX)

\*1+10-digit dialing for all calls permissible at service provider's discretion

A recommendation was made, and consensus was reached to recommend to the PSC a 9-month schedule for implementation of the boundary elimination overlay being effective 6-months prior to the forecasted exhaust of the 516 NPA. Since mandatory 10-digit dialing will

already be in place by the time the overlay implementation would begin, there will not be a permissive dialing period. The recommended schedule is as follows:

EVENT	TIMEFRAME
Customer Education and Network Preparation Period Begins	Implementation Start Date selected by the Industry
Customer Education and Network Preparation Period Ends	9 months after the Implementation Start Date selected by the Industry
Effective Date of the New 516/631/934 NPA Overlay; Earliest date that 516, 631 or 934 NPA central office codes can become effective anywhere throughout the combined 516/631/934 NPA overlay area.	9 months after the Implementation Start Date selected by the Industry No later than 1Q2023

### CUSTOMER EDUCATION PLAN

There was discussion regarding including additional items in the minutes and consensus was reached to include the following customer and technical milestones for implementation of a boundary elimination overlay.

#### Customer Milestones:

	Responsibility
1. Single customer notification of boundary elimination overlay through methods such as bill messages, bill inserts, direct mail, text messaging, email	All Service Providers
2. Issue initial press release	NY DPS
3. Send Special letters to PSAPs and Directory Publishers	Co-chairs of industry committee
4. Update social media with information regarding overlay	All Service Providers (optional)
5. Update websites with information regarding boundary elimination overlay	All Service Providers
6. Develop language for use in Directories to alert consumers of the NPA boundary elimination overlay.	Service Providers that publish directories
7. Issue second press release just prior to effective date of boundary elimination overlay	NY DPS; Service Providers to the extent they're able to do so

**Technical Milestones:**

	<b>Responsibility</b>
8. Obtain industry test code from NANPA and activate the test number.	One Service Provider volunteer
9. Open the test code in carriers' networks.	All Service Providers
10. Establish NPA Specific type of Trunks.	All Service Providers (if needed)
<b>E911 Work Plan</b>	
11. Determine if new Emergency Service Number (ESN)/Numbering Plan Digit (NPD) needs to be established.	E911 Providers
12. Determine if SRDB tables need to be updated.	E911 Providers
13. Notify PSAPs, PSALI customers and County Coordinators of boundary elimination overlay.	E911 Providers
14. Review and Submit CLEC Trunk Order Requests to local provider, if needed.	All Service Providers (if needed)
15. Update PSAP equipment to recognize new NPA(s) (as needed)	PSAPs
16. Trunk Orders Complete	911 Providers
17. Build E911 Network/Tandem Translations	911 Providers
18. Verify if all PSAP work has been completed.	PSAPs
19. Activate E911 Network/Tandem Translations.	911 Providers

*The above are the typical milestones necessary for implementation of a boundary elimination overlay; however, these may need to be modified during the actual implementation.*

**STATEMENTS FOR THE RECORD**

There were no statements for the record.

**OPEN DISCUSSION**

A participant asked, What is the expected life of the NANP? NANPA answered 2065.

A participant asked if the boundary elimination overlay provides half of the length of life compared to an all-services overlay, is the benefit of a boundary elimination overlay for the ease of the customer?

NANPA stated they presented the boundary elimination overlay alternative due to a request by the industry, and a participant stated the industry wanted to review the boundary

elimination to save an NPA and address the 43 grandfathered codes that resulted from the 516-631 NPA split.

### **NANPA FILING INDUSTRY EFFORTS WITH PSC**

Consensus was reached that NANPA will file the application for relief with the PSC informing them of the outcome of this relief planning meeting. The INC guidelines require the application to be filed with the regulator within 6-weeks (August 24, 2021) of the relief planning meeting unless otherwise decided by the industry.

### **REVIEW OF DRAFT MEETING MINUTES**

Consensus was reached that the draft minutes resulting from this meeting will be distributed to the industry no later than July 20, 2021. Any changes or corrections are to be submitted to Heidi via hwayman@nanpa.com by July 27, 2021 when the minutes will become final.

Heidi also reviewed the schedule for the remaining events that will be completed for the 516 NPA.

### **NY 516 NPA Relief Planning Meeting & Draft Petition Schedule**

July 13 - Relief Planning Meeting  
July 20 – Draft Minutes Posted via NNS  
July 27 – Final Minutes Posted via NNS  
July 27 – Post Draft Petition via NNS  
August 3 – Draft Petition Review Meeting @ 1 pm ET.  
August 24 – File Petition with NY PSC

Adjourned

###

These minutes became final on July 27, 2021 without any edits.

**New York 516 NPA  
Second Relief Planning Meeting via Web Conference  
July 13, 2021  
Participants**

NAME	COMPANY
Deborah Anstead	Altice
Sharon Poer	AT&T
Rita Schmitz	CenturyLink/Lumen
Paul Belote	Inteliquent
Heidi Wayman	NANPA
Cecilia McCabe	NANPA
Linda Hymans	NANPA
Florence Weber	NANPA
Lauriann Mullen	NY Department of Public Service
David Kramer	NY Department of Public Service
Nicole Febles	T-Mobile
Shaunna Forshee	T-Mobile
Karen Riepenkroger	T-Mobile
Terri Arakelian	T-Mobile
Laura Dalton	Verizon
Chanda Brown	Verizon
Kelly Faul	Verizon/XO
Dana Crandall	Verizon Wireless
Scott Terry	Windstream



<b>POOLING STATISTICS</b>	
<i>Provided By: Cecilia McCabe</i>	
<b>ST/NPA:</b>	<b>NY 516</b>
<b>MEETING DATE:</b>	<b>7/13/21</b>
<b>POOL START DATE (PSD)</b>	<b>7/1/00</b>
<b>RATE CENTERS</b>	
<i># Total</i>	<b>11</b>
<i># Mandatory</i>	<b>11</b>
<i># Mandatory-Single Service Providers (M*)</i>	<b>0</b>
<i># Optional</i>	<b>0</b>
<i># Excluded</i>	<b>0</b>
<b>BLOCKS ASSIGNED</b>	
<i># Total</i>	<b>261</b>
<i>(For time period 7/01/20 - 7/12/21)</i>	
<b>BLOCKS AVAILABLE</b>	
<i>#Total</i>	<b>75</b>
<i>(As of preparation date: 7/12/21)</i>	
<b>CODES ASSIGNED</b>	
<i># Total</i>	<b>19</b>
<i># for Pool Replenishment</i>	<b>18</b>
<i># for Dedicated Customers</i>	<b>0</b>
<i># for LRNs</i>	<b>1</b>
<i>(For time period 7/01/20 - 7/12/21)</i>	
<b>CODES FORECASTED</b>	
<i># Total</i>	<b>2</b>
<i># for Pool Replenishment and Dedicated Customers</i>	<b>2</b>
<i># for LRNs</i>	<b>0</b>
<i>(For the next twelve months as of: 7/12/21)</i>	

<b>POOLING STATISTICS</b>	
<i>Provided By: Cecilia McCabe</i>	
<b>ST/NPA:</b>	<b>NY 631/934</b>
<b>MEETING DATE:</b>	<b>7/13/21</b>
<b>POOL START DATE (PSD)</b>	<b>6/30/01</b>
<b>RATE CENTERS</b>	
<i># Total</i>	<b>53</b>
<i># Mandatory</i>	<b>53</b>
<i># Mandatory-Single Service Providers (M*)</i>	<b>0</b>
<i># Optional</i>	<b>0</b>
<i># Excluded</i>	<b>0</b>
<b>BLOCKS ASSIGNED</b>	
<i># Total</i>	<b>579</b>
<i>(For time period 7/01/20 - 7/13/21)</i>	
<b>BLOCKS AVAILABLE</b>	
<i>#Total</i>	<b>349</b>
<i>(As of preparation date: 7/13/21)</i>	
<b>CODES ASSIGNED</b>	
<i># Total</i>	<b>51</b>
<i># for Pool Replenishment</i>	<b>50</b>
<i># for Dedicated Customers</i>	<b>0</b>
<i># for LRNs</i>	<b>1</b>
<i>(For time period 7/01/20 - 7/13/21)</i>	
<b>CODES FORECASTED</b>	
<i># Total</i>	<b>1</b>
<i># for Pool Replenishment and Dedicated Customers</i>	<b>1</b>
<i># for LRNs</i>	<b>0</b>
<i>(For the next twelve months as of: 7/13/21)</i>	

# **ATTACHMENT 4**



June 22, 2021

To: All 516 and 631/934 NPA Code Holders and Interested Industry Members (New York)

Subject: New York 516 NPA Second Relief Planning Meeting

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The North American Numbering Plan Administrator (NANPA) convened an area code relief planning meeting via video conference on June 1, 2021, to provide the industry an opportunity to review and approve a draft petition to add a new NPA to the New York 516 NPA which is projected to exhaust in the third quarter of 2023. During this meeting, the Industry reached consensus to have NANPA reconvene the industry to review a boundary elimination between the 516 and 631/934 NPAs.

Accordingly, NANPA will reconvene the second relief planning meeting on July 13, 2021, to develop a recommended relief plan for the 516 NPA. The objective of this meeting is to secure consensus among members of the New York Telecommunications Industry on a single plan of relief for the 516 NPA. The resulting relief plan will be filed with the New York Public Service Commission for their consideration. The Industry recognized consensus process developed by the Alliance for Telecommunications Industry Solutions (ATIS) will be applied in the decision-making efforts.

Also attached to this notice is the meeting agenda, consensus process, the New York 516 NPA NXX Summary and Pooling Statistics reports, relief planning meeting aids, Service Provider CO Code assignments by OCN, customer and technical milestones and associated maps. Due to the fact there are relief alternatives outlined that include NPAs 631/934 NPA the Pooling Statistics and NXX Summaries are included for the additional NPA overlay.

Because the impacts of NPA relief are so significant, NANPA strongly encourages your participation on July 13, 2021. The details of the relief planning meeting conference call are as follows:

**Date: Tuesday, July 13, 2021**

**Time: 12 pm PT; 1 pm MT; 2 pm CT; 3 pm ET**

Join Zoom Meeting

<https://somos.zoom.us/j/91007361476?pwd=cUt5N1RaU3FPem5vaU9vdFJZNFpDUT09&from=addon>

Meeting ID: 910 0736 1476

Password: 298484

One tap mobile  
8778535257,,91007361476# US Toll-free  
8884754499,,91007361476# US Toll-free

Dial by your location  
877 853 5257 US Toll-free  
888 475 4499 US Toll-free  
855 703 8985 Canada Toll-free  
000 800 001 4002 India Toll-free  
Meeting ID: 910 0736 1476

Please feel free to distribute this notice to others in the industry that you feel should attend this important NPA relief planning meeting. If you receive this notice from someone else and would like to receive additional information in the future about the 516 NPA, you are encouraged to sign up to NANPA's NANP Administration System (NAS) NANP Notification System (NNS) by going to [www.nanpa.com](http://www.nanpa.com), then selecting NAS Login and then selecting New Registration and following the sign-up process.

If you have any questions, please give me a call at (571) 363-3824 or via email at [hwayman@nanpa.com](mailto:hwayman@nanpa.com).

Sincerely,

*Heidi A. Wayman*  
Manager, Data Management  
NANPA

cc: Lauriann Mullen – NY DPS Staff

**NEW YORK 516 NPA  
SECOND RELIEF PLANNING MEETING  
VIA WEB MEETING**

**July 13, 2021 - 3 pm ET**

**AGENDA**

Welcome, Introductions, Consensus Definition / Statements for the record

NANPA's Role and Responsibilities

Review of 516 NPA Background and History

Review 516 and 631/934 NPA Status

Review Initial Planning Document and Proposed Alternatives

Consensus on Relief Alternative

Consensus on Implementation Intervals

Consensus on Customer Education & Technical Milestones

Consensus on Approval & Filing

Statements for the Record

Set Date to Approve Minutes

Open Discussions

Adjourn

## 7 RESOLUTION PROCESS

### 7.1 Consensus

Consensus is the method used by the ATIS Forums to reach resolution of Issues, unless specifically otherwise provided for in these Operating Procedures or in **Appendix A**. Consensus is established when substantial agreement has been reached among those participating in the Issue at hand. Substantial agreement means more than a simple majority, but not necessarily unanimous agreement.

Consensus requires that all views and objections be considered, and that a concerted effort be made toward their resolution. Observers shall have the opportunity to express their views and to influence the opinions of Voting Members. However, the opinions of Observers are not considered by the leadership in determining whether consensus has been achieved. Under some circumstances, consensus is achieved when the minority no longer wishes to articulate its objection. In other cases, the opinions of the minority should be recorded with the report of the substantial agreement, or consensus, of the majority.

When there are questions or disputes regarding consensus, leaders or participants should ask an objecting participant(s) to state the rationale for the objection and provide an opportunity for full discussion aimed at achieving full understanding and consideration of the objection.

A participant's silence is perceived as agreement by the Forum and its leadership. If participants do not agree, they should be encouraged to speak up and voice their opinion. A participant may appeal the resolution of an Issue in the manner provided for in Section 13.

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- a) The relief options shall cover a period of at least five years beyond the predicted date of exhaust, and shall cover more than one relief activity, if necessary, during the time frame.
- b) The relief plan may need to be changed over time to reflect changes that take place such as demand for NXX codes or other factors (e.g., local competition, LNP, implementation of number pooling, etc.). The semi-annual NRUF analysis shall be used as one of the tools in updating the options.
- c) Affected Parties are invited to provide input into development of the plan. The appropriate regulatory authority shall be made aware of the plan and approve the plan, if necessary.
- d) The choice of relief methods (e.g., split, overlay, boundary realignment) shall be specified in the plan, along with boundaries if a split is chosen. The options under consideration should include the choice of relief method, boundary information, the estimated relief period and other assumptions such as projected code assignment rates, etc. The lives of relief alternatives are based on the projected rate of assignment of codes as described in Section 5.1, and these alternatives' lives commence at the point in time of projected exhaust of the NPA. See Appendix D for a summary of the relief model.
- e) For each relief activity proposed in the plan, it is recommended that customers who undergo number changes shall not be required to change again for a period of 8-10 years.
- f) The use of protected codes (NXXs) is an assignment practice whereby a central office code assigned in one NPA is not available for assignment in an adjacent NPA in order to permit 7 digit dialing across the NPA boundary (where 10-digit dialing would otherwise be required). The use of protected codes (NXXs), which permits 7-digit dialing across NPA boundaries, should be eliminated as part of the NPA code relief planning process unless the appropriate regulatory authority directs otherwise.<sup>2</sup>
- g) The use of protected routes, which also permits 7-digit dialing across NPA boundaries, shall continue unless otherwise directed by the appropriate regulatory authority.<sup>3</sup> Where it is suspected that protected routes and 7-digit dialing cross-boundary exists, NANPA shall continue the code assignment practices that permit the continued protection of these routes until such time as these routes are eliminated by the service provider(s) or the appropriate regulatory authority. Any changes in rate centers or NXXs that would increase or decrease protected routes shall be reported to NANPA by the service provider initiating the change. The notification shall include the tariff, the rate centers and NXX codes involved and the direction of the 7-digit local calling. This notification is important since such changes may have code consumption implications on multiple NPAs. It should be understood that continuing this practice can result in a less efficient use of resources and shorten the forecasted lives of the NPA currently under relief planning as well as the adjacent NPAs; i.e., two-way 7-digit dialing across NPAs might involve several rate centers and many NXX codes in multiple NPAs. Additionally, the relief planning model used by NANPA cannot take into account the protected routes when projecting the lives of new NPA relief alternatives because the model assumptions are based on the premise that all NXXs available for assignment can be assigned to all rate centers. A high number of protected routes may impact the availability of NXX codes in specific rate centers (usually high-demand rate centers), which directly impacts the exhaust timeframe of an area code. As a result, NPA relief planning may start prematurely or may not permit for the standard intervals for relief implementation.

In the long term, the plan shall result in the most effective use possible of all codes serving a given area. Ideally, all of the codes in a given area shall exhaust about the same time in the case of splits. In practice, this may not be possible, but severe imbalances, for example, a difference in NPA lifetimes of more than 10 years, shall be avoided.

### **5.1 Determine the Expected NPA Exhaust Period**

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<sup>2</sup> Per letter dated 10-29-97 from NANC Chairman to INC Moderator.

<sup>3</sup> In the case of an NPA overlay, cross NPA boundary calls originating from the overlay must be dialed on a 10-digit basis.

Through the use of historical growth data as well as expected changes (e.g., pooling) to NXX demands in the future, NANPA should project to the best of its ability the expected quarter of exhaust of the NPA. Every practical source of data, including the NRUF survey results, should be used as an aid in this projection. Projection results should be reported to the industry as soon as the NRUF or other analysis results are available. Once the earliest likely exhaust date is determined, NANPA should suggest a mandatory dialing date six months prior to the exhaust date if the recommended relief is an overlay. If the recommended relief is a geographic split, the end of the recorded announcement period should be at least six months prior to the earliest likely exhaust date.

- The NPA relief planning process shall begin immediately if NANPA finds it necessary to declare an NPA to be in Jeopardy before relief planning for that NPA has begun. NANPA will distribute the Initial Planning Document to the industry within four weeks of the declaration of jeopardy and will hold an industry NPA Relief Planning meeting no more than eight weeks after the Jeopardy announcement.
- It should be noted that an exhaust date based on a controlled allocation (rationing) is not reflective of the true need for relief.
- In cases where the NPA is in jeopardy and CO codes are rationed, two exhaust dates will be reported: (1) the exhaust date at jeopardy declaration, and (2) the exhaust date with controlled allocation.

## ***5.2 Identify the Alternative Relief Methods Available***

Within the affected NPA, the NANPA should next identify possible NPA relief alternatives and methods from among those identified in Section 6.

## ***5.3 Define the Attributes of Each Alternative or Method***

For each of the alternative relief methods identified in 5.2, NANPA should, with assistance from the industry participants, quantify impacts to subscribers, networks and service providers and industry concerns using Appendix B. Specific calculations such as the relative lengths of the relief periods, and local dialing plans using 7-digits or 10-digits should be made at this point. Examples of attributes are shown in Appendix E.

## ***5.4 Notify Industry of Pending NPA Exhaust and Results of Initial Relief Planning***

The next step in the NPA Relief Planning Process is to incorporate the results of the steps outlined in 5.1 through 5.3 into an Initial Planning Document (IPD) for distribution to the Industry in the affected NPA. The IPD should be attached to a notification to Industry members of future meeting schedules to be held for the purpose of discussing the alternative relief methods, with the objective of reaching consensus on the method to be adopted. The IPD should be provided at least four weeks prior to the first industry meeting to allow individual industry members to fully analyze the alternatives and identify impacts to their respective subscribers and networks. Industry members also should investigate any technical and operational impacts, such as required switch replacements and support system modifications.

## ***5.5 Conduct Industry Meetings/Conference Calls with the Goal of Reaching Industry Consensus on a Relief Plan***

Meetings and/or conference calls should be held with all interested members of the industry within the affected NPA. Although most of these meetings are held via conference call, a face-to-face meeting may be scheduled if necessary. If a face-to-face meeting notice is issued, NANPA will state that an SP requesting a conference bridge must notify the meeting host to make arrangements (e.g., equipment, bridge number, cost of call). In order to keep the face-to-face meeting manageable, participants on the bridge shall not be accorded special consideration<sup>4</sup>. NANPA shall moderate these meetings or conference calls and be fully prepared to answer questions regarding

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<sup>4</sup> Caveat: those on the bridge may NOT ask for comments to be repeated or for additional explanations to be given because they cannot see what's happening in the room. The use of a bridge must not slow down the meeting.

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- After issuing a relief order, the regulator subsequently determines that relief is not needed and issues an order of “suspension until further notice”; or
- The regulator dismisses the relief petition.

Relief petitions not acted upon by the regulator are still considered active by NANPA. NANPA continues to monitor the status of the NPA and advises the regulator when the need for relief becomes imminent. Upon request, NANPA provides the regulator updated projected life data for previously recommended or reviewed relief alternatives.

A regulator may initially issue an order for relief, but before relief is in place, may determine that relief is not immediately needed and postpone the implementation. This action is commonly known as a suspension or a deferral. Implementation of the new NPA is postponed and NANPA publishes another Planning Letter to notify the industry. NANPA continues to monitor the status of the NPA and advises the regulator when the need for relief becomes imminent.

Regulators use various terms in ending the relief planning process. Some jurisdictions may close the petition, docket or case, with terms such as: closed, canceled, dismissed, dismissed without prejudice, rescinded deferred, etc. These terms vary according to jurisdiction. When a relief project is “dismissed”, NANPA must initiate a new relief project when the forecasted exhaust is within 36 months.

### **5.13 Routing Number Administrator’s Responsibilities for NPA Relief**

This section identifies required relief planning functions that are related to the Routing Number Administrator’s (RNA) functions as specified in these guidelines. These functions are identified because they are currently performed in conjunction with non-dialable pseudo-ANI (p-ANI) assignment. The objective of these functions is to promote effective and efficient p-ANI utilization and thereby help ensure the adequate supply of p-ANI numbers.

NPA relief planning functions included in this section are as follows:

The RNA tracks p-ANI assignments within NPAs to ensure effective and efficient utilization of numbering resources.

Upon notification from NANPA, the RNA shall notify all E9-1-1 Service Providers [Selective Router (SR) and Automatic Location Identification (ALI) Service providers], Mobile Positioning Centers (MPC), VoIP Positioning Centers (VPC), Wireless Service Providers and Public Service Answering Points (PSAP) with the following information by forwarding the NANPA planning letter:

- The geography affected by the NPA relief implementation plan
- NPA(s) affected
- The date permissive dialing begins
- The date mandatory dialing begins
- The date the NPA is implemented (if not the date mandatory dialing begins)

The RNA will participate on any NPA relief E9-1-1 task force meetings scheduled and provide updates to the E9-1-1 Service Providers, MPCs, VPCs, Wireless Service Providers and PSAPs when necessary.

When an NPA split is to be implemented, the RNA shall not assign p-ANI resources in a new NPA until the permissive dialing date.

When an NPA overlay is to be implemented, the RNA shall not assign p-ANI resources in the new NPA until the new overlay NPA has been implemented.

## **6. Alternative Relief Methods**

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All of the currently identified code relief alternatives are described below, but depending on the particular NPA and the distribution of assigned NXXs within it, some alternatives may not be compliant with the criteria in Section 5.0 above (e.g., in an NPA with a high concentration of assigned NXXs in one or only a few rate centers, the overlay

may be the only possible relief method). Possible impacts of these alternatives are found in Appendices B, E and G.

### **6.1 NPA Split Method**

By this method, the exhausting NPA is split into two or more geographic areas and a new NPA code is assigned to one of the areas formed by the split. This method generally acknowledges jurisdictional or natural boundaries but, for technical reasons and number optimization considerations, the actual boundaries must conform to existing rate center boundaries. Number changes are mandatory for customers assigned numbers from NXX codes that are moved to the new NPA.

### **6.2 Boundary Realignment Method**

In an NPA boundary realignment, the NPA requiring relief is adjacent to an NPA, within the same state or province, which has spare NXX code capacity. A boundary shift/realignment occurs so that spare codes in the adjacent NPA can be used in the NPA requiring relief. As a result, the geographic area of the exhausting NPA shrinks and the geographic area of the NPA with spare capacity expands. Only the customers in the geographic area between the old and new boundaries are directly affected by this change, and number changes are mandatory for customers assigned numbers from NXX codes that are moved to the adjacent NPA. This method applies to multi-NPA states or provinces only. Boundary realignments must follow rate center boundaries. This method is viewed as an interim measure because it tends to provide shorter-term relief than when providing a new NPA code.

### **6.3 All-Services Overlay Method<sup>7</sup>**

An NPA overlay occurs when more than one NPA code serves the same geographic area. In an NPA overlay, code relief is generally provided by opening a new NPA code covering the same geographic area as the NPA(s) requiring relief. NXX codes from this new NPA are assigned on a carrier-neutral basis, i.e., first come, first served. With the overlay method, the FCC requires mandatory 10-digit local dialing between and within the old and new NPAs.<sup>8</sup> Some states require 1 + 10 digit local dialing and some require 10-digit local dialing and allow 1 + 10 digit local dialing at the SP's discretion.

The overlay method eliminates the need for customer number changes as required under the split and boundary realignment methods. In areas where an overlay is already in place, a subsequent overlay allows the option to eliminate the permissive dialing period as part of implementation. Other potential implementation strategies have been identified for an NPA overlay. They are listed below:

#### **6.3.1 Concentrated Growth Overlay**

A concentrated growth overlay may be appropriate where the majority of the new telephone numbers are expected to be concentrated in one section of the existing NPA. For example, a fast growing metropolitan area and a sparsely populated rural area could exist within the same NPA. The overlay NPA would be assigned initially to the section of the NPA experiencing the fastest growth, and new NXXs in that section would be assigned from the new NPA. As the NXXs allotted to the rural area near exhaust, the overlay boundaries could expand. For this option to be practical there must be a sufficient number of available NXXs to serve the non-overlay area and these must be designated for use only in the non-overlay area. This implies that NANPA must initiate the NPA relief planning process earlier than required if this option is to be feasible. Further, enforcement of mandatory 10-digit dialing within the concentrated overlay or allowance of continued 7-digit dialing outside the concentrated overlay may be difficult for some SPs to manage within a single NPA.

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<sup>7</sup> The LNPA Working Group Best Practice 30 supports the all-services overlay as the preferred form of area code relief, and was endorsed by the North American Numbering Council (NANC) on September 18, 2013. See <http://www.nanc-chair.org/docs/documents.html>.

<sup>8</sup> 47 CFR §52.19 (c) (3) (ii).

### 6.3.2 Boundary Elimination Overlay

With a boundary elimination overlay, the NPA requiring relief is adjacent to an NPA with spare capacity. The boundary between these two NPAs is eliminated, and spare NXX codes from the adjacent NPA are assigned within the original NPA boundary where relief is required. An appropriate use of boundary elimination might be in a state or province consisting of two NPAs, where one NPA has spare capacity. This solution has the advantage of not requiring a new NPA code, but it also shares a limitation of boundary realignment because it offers shorter-term relief.

### 6.3.3 Multiple Overlay

The multiple overlay strategy may be considered where relief is required in two or more NPAs. For example, this solution may be appropriate in a metropolitan area where two or more NPAs cover a small geographic area and where it would be difficult to implement another kind of relief. The new NPA would be assigned to overlay the multiple existing NPAs serving the entire metropolitan area. As another example, a new NPA could be assigned for new growth within an entire state or province where more than one NPA exists.

### 6.3.4 Technology-specific or Service-Specific Overlay

These overlays occur when a new area code is introduced to serve the same geographic area as one or more existing area code(s) and numbering resources in the new area code overlay are assigned to a specific technology(ies) or service(s). State commissions may not implement a technology-specific or service-specific overlay without express authority from the FCC.<sup>9</sup> Such overlays are not feasible where local number portability and/or thousands-block pooling have been implemented.

A state commission seeking delegated authority from the FCC to implement a technology-specific or service-specific overlay should discuss why the numbering resource optimization benefits of the proposed overlay would be superior to implementation of an all-services overlay.<sup>10</sup>

## 6.4 Other

A combination of the methods described above may be used. For example, a concentrated growth overlay could be assigned initially to a section of an NPA experiencing fast growth, and as more relief is required, the section served by two NPAs could expand into a distributed or multiple overlays, as demand requires. Other combination of relief methods may be appropriate. Each NPA requiring relief must be analyzed on the basis of its own unique characteristics with regard to demographics, geography, regulatory climate, technological considerations and community needs and requirements.

## 7. Other Relief Planning Considerations

This section describes miscellaneous considerations that should be included during the NPA relief planning process. It is not possible to identify every potential issue which may arise when planning relief for specific NPAs; each state or province, each metropolitan area and each industry segment will have unique characteristics which could introduce concerns not included here. The following items are examples of issues which, based on past industry experiences, could create impediments to a successful and efficient implementation effort.

### 7.1 Regulatory Involvement

Regulatory Involvement - Involvement of the appropriate regulatory authority staff during NPA code relief planning may expedite the process of addressing public policy concerns throughout the process.

<sup>9</sup> 47 CFR §52.19 (c) (4). See also criteria outlined in FCC 01-362 ¶¶67-94.

<sup>10</sup> See FCC 01-362 ¶¶ 81-94.

## **7.2 Timing and Schedules**

Issues related to timing and scheduling will vary with the type of relief method to be implemented as well as the level of difficulty of the required changes. In general, the relief implementation should be in place six months prior to the projected exhaust of the NPA, but in extraordinary situations, at least three months before the existing NPA would exhaust under the highest growth projections.

## **7.3 Customer Calling Patterns**

Existing and planned local calling areas should be considered during the planning process and retained, wherever practical, along with their existing or planned dialing arrangements. This may prevent regulatory policy delays during implementation and/or unexpected changes to the final plan.

## **7.4 Rate Center Consolidations**

Any pending rate center consolidation plans should be considered during a relief planning meeting. Once a regulator makes a decision on rate center consolidation, the Relief Planner should obtain applicable documentation.

## **7.5 LNP Technical Considerations**

Any technical issues related to LNP should be considered during a relief planning meeting. Since the introduction of LNP, industry experience shows that compliance with LNP requirements is more difficult with some alternatives of NPA relief than others.

## **7.6 Other Technical Considerations**

Any other technical issues should be considered during a relief planning meeting. As telecommunications devices and services become increasingly more complex, industry experience shows that some alternatives of NPA relief are significantly more technically challenging to implement.

# **8. Updating BIRRDS and LASS**

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At least six months prior to the start of permissive dialing, NANPA shall provide Telecom Routing Administration (TRA) with updates to the iconectiv Business Integrated Routing and Rating Database System (BIRRDS), and LIDB Access Support System (LASS)<sup>5</sup> in order for TRA to update the affected records. Notification to the industry should appear six months prior to the start of permissive dialing in the LERG Routing Guide, which is used for message and call setup routing. Ninety days prior to the start of permissive dialing, the updates should appear in BIRRDS output products. Prior to the NPA relief date, the updates should be reflected in the LIDB Access Routing Guide (LARG), which is used for Alternate Billing Service (ABS) query routing.

## **8.1 Changes to Previously Issued Relief Orders**

Subsequent regulatory orders may require NANPA to post a planning letter change notice to the NANPA website within ten (10) business days of the regulatory order. If the subsequent order requires NANPA to meet with the Industry to obtain details to be included in the Planning Letter, then only the notice of the industry meeting must be distributed within ten (10) business days of the regulatory order and the Planning Letter posted to the NANPA website according to section 5.9 of these guidelines. This planning letter change notice is also posted in order for TRA to update the affected records in BIRRDS. The information in the planning letter change notice normally

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<sup>5</sup> A recommended checklist of additional activities concerning the exchange of data/information that should be undertaken by NANPA to assist in the smooth implementation of any NPA relief is found in Appendix A.

## Annex B

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### Issues To Be Considered During NPA Relief Planning

Following are a list of issues to be considered in weighing the advantages of the relief alternatives.

#### Subscribers

- quantity of subscribers who will have to undergo number changes
- impact on customer premise equipment (CPE), e.g., reprogramming of wireless devices, automatic dialers, alarm systems, PBXs, etc.
- public reaction to and political involvement in boundary decisions
- impact on market identity/recognition, geographic identity, public familiarity
- public costs such as reprinting of stationery, business cards, advertising, and CPE and other database reprogramming.

#### Network and Service Providers

- hardware and software upgrades to switching systems
- modification to or replacement of some operations support systems
- modification to operator services switches and/or systems
- directory assistance impacts
- 911 system impacts
- directory changes
- public notification/education requirements
- changes to existing network routing and translations
- impact of permissive dialing period
- length of planning period
- impact on dialing plan
- experience with relief method/implementation procedure
- interaction with appropriate regulatory bodies
- tariff impacts
- internal networks
- LNP compliance impacts

#### Industry Concerns

- length of relief period
- NPA code utilization
- Number Pooling impact on length of relief period (where applicable)

## Annex E

### General Attributes of the Most Common Relief Alternatives

Geographic Splits	All-Services Overlays
<ul style="list-style-type: none"> <li>Splits maintain a single area code for each geographic area. This may minimize confusion for customers outside the area.</li> </ul>	<ul style="list-style-type: none"> <li>With an overlay there will be more than one area code in a geographic area.</li> </ul>
<ul style="list-style-type: none"> <li>Splits require an area code change for approximately one-half of customers in a two-way split, and two-thirds of customers in a three-way split.</li> </ul>	<ul style="list-style-type: none"> <li>An overlay will not require existing customers to change their area code.</li> </ul>
<ul style="list-style-type: none"> <li>Geographic splits permit 7-digit dialing within an area code.</li> </ul>	<ul style="list-style-type: none"> <li>An overlay requires customers to dial 10 digits (or 1 + 10 digits) for all calls.</li> </ul>
<ul style="list-style-type: none"> <li>Stationery, business cards and advertising, as well as non-telephony databases, containing a ten-digit phone number will need to be revised by customers receiving the new area code.</li> </ul>	<ul style="list-style-type: none"> <li>There is no need to revise stationery, business cards and advertising, as well as non-telephony databases, unless they contain only seven digit phone numbers.</li> </ul>
<ul style="list-style-type: none"> <li>Future splits will reduce the geographic size of the area code.</li> </ul>	<ul style="list-style-type: none"> <li>An overlay will end further shrinking of the geographic size of the area code because subsequent relief will likely be another overlay.</li> </ul>

## Relief Planning Meeting Aid

### Industry Developed Pros and Cons for Relief Alternatives From Recent NPA Relief Planning Meetings

***This meeting aid is a compilation of industry developed Pros and Cons and is prepared to assist the participants in evaluating the attributes of the relief alternatives being considered.***

#### Overlay Pros and Cons:

Pros:

Alternative #	
	1 All existing customers would retain the ___ area code and would not have to change their telephone numbers.
	2 Does not discriminate against customers on different sides of a boundary line as does a geographic split
	3 Easier education process
	4 Less customer confusion and easier education process
	5 Less financial impact to business customers because there is no need to change signage, advertising and stationery
	6 Less financial impact on business customers because there is no need to change signage, advertising and stationery unless they currently only show 7-digit numbers.
	7 Residential customers do not have to update personal printed material such as checks and websites, etc. unless they currently show 7-digit numbers.
	8 Customers do not have to update personal printed material such as checks and websites, etc.
	9 Provides the most efficient distribution of numbering resources by allowing assignments to follow demand not withstanding forecasts for growth
	10 No need for synchronization of old and new NPAs in NPAC databases
	11 Minimizes call routing issues, especially with ported numbers
	12 Easier for service providers to implement from a translations, billing and service order system perspective
	13 Minimal data entries handled in national databases such as BIRRDS, LERG and the Terminating Point Master Table
	14 The PSC/PUC would not have to decide which side gets the new NPA, so no winners and losers.
	15 Does not split cities or counties into different area codes.
	16 Keeps communities of interest in tact.
	17 No impact on some wireless carriers that have to reprogram handsets manually
	18 No technical impacts to number portability, text messaging or multimedia messaging

## Relief Planning Meeting Aid

### Industry Developed Pros and Cons for Relief Alternatives From Recent NPA Relief Planning Meetings

						19 An all services overlay is simpler to implement from both a technical and customer education perspective and prevents having to educate customers twice.
						20 An all services overlay would have a consistent local dialing pattern, as opposed to a concentrated overlay that could have two different types of local dialing in the NPA.
						21 Helps move customers toward nationwide 10-digit dialing.

### Overlay Pros and Cons:

Cons:

Alternative #						
						1 Consistent with FCC regulations, the relief plan would require 10-digit dialing for all local calls within and between the ___ NPA and the new NPA.
						2 Financial costs to add NPA to signage and printed material where only 7-digit number is shown.
						3 Customers need to reprogram phone systems for 10-digit dialing: faxes, alarms, etc.
						4 Customers would have to reprogram any auto-dialing equipment currently programmed to dial 7-digits to dial 10-digits; equipment such as alarm systems, PSAP dial systems, security gates, PBXs, life safety systems, computer modems, voicemail systems, fax machines, etc.
						5 Loss of geographic identity with an overlay.
						6 Confusion between local and toll calling – 10-d Vs 1+10-d in some states.

### NPA Split Pros and Cons

Pros:

Alternative #						
						1 Customers retain seven-digit dialing for all calls within the same NPA.
						2 Maintains seven digit dialing for local calls within the same NPA
						3 Approximately ½ of customers would experience no change

## Relief Planning Meeting Aid

### Industry Developed Pros and Cons for Relief Alternatives From Recent NPA Relief Planning Meetings

					if they keep the ___ NPA
				4	Projected lives are balanced
				5	The projected lives are slightly more balanced than alternative # .
				6	The projected lives are more balanced
				7	This alternative allows _____ to maintain operations on one side of the split line.
				8	_____ operating territory is kept in tact
				9	Retains the geographic identity with one area code.
				10	Keeps the cities on both sides of the split lines intact.

### NPA Split Pros and Cons:

Cons:

Alternative #					
				1	Splits _____ operating territory between two NPAs
				2	_____ EAS calling is heavily disrupted
				3	Projected lives are imbalanced, _ years difference, least balanced of the split alternatives, could become more imbalanced if demand changes in future years
				4	Requires approximately ½ of ___ NPA customers to change their area code, thus creating winners and losers.
				5	Requires NPA change for approximately ½ of ___ NPA customers.
				6	Requires half of the businesses to incur costs to change their advertising for telephone #'s and stationery.
				7	Financial impact to half of businesses to incur costs to change their advertising for telephone #'s and stationery if currently show 10-digit telephone numbers or are close to the split line.
				8	Creates widespread customer 10-digit dialing confusion across the new NPA boundary.
				9	All ___ NPA customers previously went through a split ___ years ago and half will have to change again.
				10	Difficult PSC/PUC decision on which side retains the old NPA.
				11	Longer time period needed for service providers to implement this type of relief.
				12	Customers whose numbers change must make numerous

## Relief Planning Meeting Aid

### Industry Developed Pros and Cons for Relief Alternatives From Recent NPA Relief Planning Meetings

					contact changes such as for: friends, family, business associates, doctors, dentists, insurers, banking, retail rewards programs, smartphone applications, etc.
					13 More complicated and costly to implement for service providers in their billing, translations and database systems.
					14 Splits affect alarm systems and E-911 databases.
					15 Negative impacts to E911, industry and alarm system databases that must be updated with customers' new telephone numbers.
					16 Negative impact to directories and directory assistance databases that must be updated with customers' new telephone numbers.
					17 Timing of publication of telephone directories must be coordinated with the implementation of the new NPA.
					18 Split has a larger impact to greater number of existing customers due to change in existing customers' telephone numbers.
					19 Split creates significant challenges to service provider's operational support systems and network elements.
					20 Splits cause customer confusion with caller ID during implementation.
					21 Older wireless handsets without over-the-air programming must be manually programmed for those numbers that are changing.
					22 Splits require the old and new NPAs to be synchronized with the NPAC database to ensure accurate call routing and facilitation of port requests.
					23 Splits require a more challenging customer education process for service providers that have customers on both sides of the split line.
					24 This split disrupts the SP's host-remote switch arrangement.
					25 Splits require the 800/SMS database to be updated.
					26 Splits reduce the geographic area served by one area code.
					27 Splits the city(s), counties or legislative districts into different area codes.
					28 Splits communities of interest.
					29 For some wireless carriers, text messaging and multimedia service can only handle one version of the 10-digit number so they will fail if they are sent using the old area code during permissive dialing.

Relief Planning Meeting Aid

Industry Developed Pros and Cons for Relief Alternatives From Recent NPA Relief Planning Meetings

**Boundary Elimination Overlay Pros and Cons:**

Pros:

Alternative #					
					1 Eliminates need to open new NPA
					2 Does not require customers to change their area code.
					3 It is a more efficient use of resources.

**Boundary Elimination Overlay Pros and Cons:**

Cons:

Alternative #					
					1 Boundary elimination alternatives have shorter lives than the all-services overlay
					2 Impacts a larger quantity of customers than the all-services overlay
					3 Requires customers in either ___ or ___ NPAs to dial 10 digits where otherwise they wouldn't be subjected to NPA Relief for another ___ years.
					4 Complex customer education process, which would likely lead to increased customer confusion.

Relief Planning Meeting Aid  
Customer Education and Technical Milestones

***This meeting aid is a compilation of industry developed customer education and technical milestones. This list is prepared to assist the participants in choosing the milestones that will be applicable to the specific NPA relief planning project.***

**Customer Milestones:**

			<b>Responsibility</b>
		1 Issue first customer notification (e.g., bill messages, bill inserts, direct mail, text messaging, email)	
		2 Issue initial press release	
		3 Send Special letters to PSAPs and Directory Publishers	
		4 Update social media with information regarding additional overlay	
		5 Update websites with information regarding additional overlay	
		6 Develop language for use in Directories to alert the consumers of 10-digit dialing and the new area code.	
		<b>After Permissive 7 and 10-Digit Dialing Begins</b>	
		7 Issue second customer notification(e.g., bill messages, bill inserts, direct mail, text messaging, email)	
		8 Send Special letters to Alarm and Safety, Directory, Pay Telephone & PSAPs.	
		9 Update social media with information regarding additional overlay	
		10 Update websites with information regarding additional overlay	
		11 Issue second (Mandatory) press release	

Relief Planning Meeting Aid  
Customer Education and Technical Milestones

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**Technical Milestones:**

		<b>Responsibility</b>
	1 Obtain industry test code from NANPA and activate the test number.	
	2 Open the test code in carriers' network.	
	3 LERG updates in BIRRDs or via AOCN. (i.e. routing changes, rehomes, change from 7 to 10 terminating digits at end office and at access tandem, etc.	
	4 Ensure Highway boxes are programmed with 10-digit dialing.	
	5 Network ready for Permissive Dialing	
	6 Create Permissive Dialing Industry Contact List	
	<b>Permissive Dialing Begins</b>	
	7 Establish NPA Specific type of Trunks	
	8 Completion of 10-digit signaling transition between carriers' networks	
	9 Require email from service providers when the 10-digit signaling transition between carriers' networks has been completed.	
	10 Update on all speed calling, call forwarding numbers and voicemail options in embedded database to reflect 10-digit dialing	
	11 Recorded announcements in Place and Tested	
	<b><u>E911 Work Plan</u></b>	
	12 Confirm new ESN/NPD has been established for the new NPA	
	13 Ensure SRDB table has new NPA built in	
	14 Notify PSAPs, PSALI customers and County Coordinators (1 <sup>st</sup> and 2 <sup>nd</sup>	

Relief Planning Meeting Aid  
Customer Education and Technical Milestones

		Notification)	
		15 Review and Submit CLEC Trunk Order Requests to local provider if needed	
		16 Update PSAP equipment	
		17 Trunk Orders Complete	
		18 Build E911 Network/Tandem Translations	
		19 Verify if all PSAP work has been completed	
		20 Activate E911 Network/Tandem Translations	

**516 NPA CODE HOLDER LIST**

<b>Company</b>	<b>OCN</b>	<b>CountOfNXX</b>
AAT PAGING CORPORATION II	0059	6
AIRUS, INC. - NY	363H	2
AMERICAN MESSAGING SERVICES, LLC	9748	1
AMERICAN NETWORK, INC.	8667	2
AQUIS COMMUNICATIONS, INC.	6919	2
AT&T LOCAL	7421	8
BANDWIDTH.COM CLEC, LLC - NY	997E	21
BROADVIEW NETWORKS, INC. - NY	4593	13
CABLEVISION LIGHTPATH, INC. - NY	7126	47
CELLCO PARTNERSHIP DBA VERIZON WIRELESS - NY	6959	78
CSC WIRELESS, LLC	425J	2
EAGLE COMMUNICATIONS, INC.	4274	1
FRACTEL, LLC	965H	3
GLOBAL CROSSING LOCAL SERVICES, INC.-NY	7343	4
HD CARRIER, LLC	321J	3
LEVEL 3 COMMUNICATIONS, LLC - NY	4006	16
LEVEL 3 TELECOM OF NEW YORK LP - NY	8473	1
LOCAL ACCESS, LLC - NY	051H	3
LTE WIRELESS, INC D/BA/ LTE WIRELESS - NY	452J	1
MCI WORLDCOM COMMUNICATIONS, INC. - NY	7133	20
MCIMETRO ACCESS TRANSMISSION SERVICES, LLC	7229	1
METRO PCS, INC.	5562	4
METROPOLITAN TELECOMMUNICATIONS	8526	2
NEW CINGULAR WIRELESS PCS, LLC - DC	4036	84
OMNIPOINT COMMUNICATIONS, INC. - NY	6622	50
ONVOY, LLC NY	384C	19
PAETEC COMMUNICATIONS, INC. - NY	4152	5
PEERING HUB, INC. - NY	818H	1
PEERLESS NETWORK OF NEW YORK, LLC - NY	155E	4
RCN TELECOM SERVICES, INC. - NY	7353	1
SCARSDALE SECURITY SYSTEMS, INC.	2612	1
SPRINT SPECTRUM L.P.	6664	50
TC SYSTEMSINC. - NY	7140	10
TELNYX, LLC	073H	2
UCOMTEL, INC.	534J	3
USA MOBILITY WIRELESS, INC.	6630	34
VERIZON NEW YORK, INC.	9104	209
VITCOM, LLC - NY	219E	1
VONAGE AMERICA, LLC	197D	4
WIDE VOICE, LLC - NY	705G	1
XO NEW YORK, INC.	8340	19
YMAX COMMUNICATIONS CORP. - NY	282E	1

### Thousand-Block Holders not Assigned CO Codes

NPA Complex	OCN	Company
516	009B	EMPIRE ONE TELECOMMUNICATIONS, INC. - NY
516	1215	CORETEL NEW YORK, INC. - NY
516	1376	EUREKA TELECOM, INC. DBA EUREKA NETWORKS - NY
516	145J	TERRA NOVA TELECOM, INC.
516	2641	NET-TEL CORPORATION-NY
516	278G	MOSAIC NETWORKX, LLC - NY
516	325B	XCHANGE TELECOM CORP. - NY
516	3724	CONVERSENT COMMUNICATIONS OF NEW YORK, LLC
516	3746	US LEC COMMUNICATIONS, INC. - NY
516	3864	CTC COMMUNICATIONS CORP. - NY
516	423G	VOXBEAM TELECOMMUNICATIONS, INC. - NY
516	473G	TELENGY L.L.C. - NY
516	495J	STRATUS NETWORKS
516	506J	TWILIO INTERNATIONAL, INC
516	508J	CENTURYLINK COMMUNICATIONS, LLC
516	515J	IP HORIZON, LLC
516	525G	BARR TELL USA, INC. - NY
516	532D	TIME WARNER CABLE INFO SVCE (NEW YORK), LLC-NY
516	553J	WHITESKY COMMUNICATIONS, LLC
516	566J	RADIANTIQ, LLC
516	624H	ONVOY SPECTRUM, LLC
516	828F	WIPHONICA TECHNOLOGIES, INC. - NY
516	831C	INTRADO COMMUNICATIONS, LLC
516	892E	MAGNA5, LLC - NY

**631/934 NPA CODE HOLDER LIST**

<b>Company</b>	<b>OCN</b>	<b>CountOfNXX</b>
AAT PAGING CORPORATION II	0059	1
AIRUS, INC. - NY	363H	1
AMERICAN MESSAGING SERVICES, LLC	9748	1
AMERICAN NETWORK, INC.	8667	2
AQUIS COMMUNICATIONS, INC.	6919	1
AT&T LOCAL	7421	5
BANDWIDTH.COM CLEC, LLC - NY	997E	10
BROADVIEW NETWORKS, INC. - NY	4593	22
CABLEVISION LIGHTPATH, INC. - NY	7126	91
CELLCO PARTNERSHIP DBA VERIZON WIRELESS - NY	6959	43
CENTURYLINK COMMUNICATIONS, LLC	508J	1
CONVERSENT COMMUNICATIONS OF NEW YORK, LLC	3724	2
CORETEL NEW YORK, INC. - NY	1215	1
CSC WIRELESS, LLC	425J	2
CTC COMMUNICATIONS CORP. - NY	3864	2
EUREKA TELECOM, INC. DBA EUREKA NETWORKS - NY	1376	1
FISHERS ISLAND TELEPHONE CORPORATION	0095	1
FRACTEL, LLC	965H	21
GLOBAL CROSSING LOCAL SERVICES, INC.-NY	7343	12
LEVEL 3 COMMUNICATIONS, LLC - NY	4006	46
LEVEL 3 TELECOM OF NEW YORK LP - NY	8473	2
LOCAL ACCESS, LLC - NY	051H	4
LTE WIRELESS, INC D/BA/ LTE WIRELESS - NY	452J	1
MCI WORLDCOM COMMUNICATIONS, INC. - NY	7133	11
METRO PCS, INC.	5562	9
NEW CINGULAR WIRELESS PCS, LLC - DC	4036	44
OMNIPOINT COMMUNICATIONS, INC. - NY	6622	40
ONVOY SPECTRUM, LLC	624H	4
ONVOY, LLC NY	384C	23
PAETEC COMMUNICATIONS, INC. - NY	4152	6
PEERING HUB, INC. - NY	818H	6
PEERLESS NETWORK OF NEW YORK, LLC - NY	155E	13
RADIANTIQ, LLC	566J	10
RCN TELECOM SERVICES, INC. - NY	7353	1
SCARSDALE SECURITY SYSTEMS, INC.	2612	1
SPRINT SPECTRUM L.P.	6664	35
STRATUS NETWORKS	495J	1
TC SYSTEMSINC. - NY	7140	34
TELENGY L.L.C. - NY	473G	6
TELNYX, LLC	073H	3
TWILIO INTERNATIONAL, INC.	506J	1
UCOMTEL, INC.	534J	1
USA MOBILITY WIRELESS, INC.	6630	12

VERIZON NEW YORK, INC.	9104	230
VITCOM, LLC - NY	219E	1
VOXBAM TELECOMMUNICATIONS, INC. - NY	423G	2
WIDE VOICE, LLC - NY	705G	2
WORLDCALL INTERCONNECT, INC.	139F	7
XO NEW YORK, INC.	8340	58

**Thousand-Block Holders not Assigned CO Codes**

<b>NPA Complex</b>	<b>OCN</b>	<b>Company</b>
631/934	009B	EMPIRE ONE TELECOMMUNICATIONS, INC. - NY
631/934	050H	GETGO COMMUNICATIONS, LLC - NY
631/934	145J	TERRA NOVA TELECOM, INC.
631/934	197D	VONAGE AMERICA, LLC
631/934	278G	MOSAIC NETWORKX, LLC - NY
631/934	282E	YMAX COMMUNICATIONS CORP. - NY
631/934	321J	HD CARRIER, LLC
631/934	325B	XCHANGE TELECOM CORP. - NY
631/934	3746	US LEC COMMUNICATIONS, INC. - NY
631/934	744H	TELXMEDIA, INC. - NY
631/934	831C	INTRADO COMMUNICATIONS, LLC
631/934	8526	METROPOLITAN TELECOMMUNICATIONS
631/934	892E	MAGNA5, LLC - NY

Rate Center Table

<b>NPA</b>	<b>Abbreviated Rate Center</b>	<b>Rate Center Full Name</b>
516	COLDSPGHBR	COLD SPRING HARBOR
516	FARMINGDL	FARMINGDALE
516	NASSAUZN01	NASSAU ZONE 1
516	NASSAUZN02	NASSAU ZONE 2
516	NASSAUZN03	NASSAU ZONE 3
516	NASSAUZN04	NASSAU ZONE 4
516	NASSAUZN05	NASSAU ZONE 5
516	NASSAUZN06	NASSAU ZONE 6
516	NASSAUZN07	NASSAU ZONE 7
516	NASSAUZN08	NASSAU ZONE 8
516	NASSAUZN09	NASSAU ZONE 9

**RATE CENTER TABLE**

<b>NPA Complex</b>	<b>Rate Center Full Name</b>
631/934	AMAGANSETT
631/934	AMITYVILLE
631/934	ATLANTIC
631/934	BABYLON
631/934	BAY SHORE
631/934	BAYPORT
631/934	BELLPORT
631/934	BRENTWOOD
631/934	BRIDGEHAMPTON
631/934	CENTRAL ISLIP
631/934	COLD SPRING HARBOR
631/934	COMMACK
631/934	CENTER MORICHES
631/934	DEER PARK
631/934	EAST FIRE ISLAND
631/934	EAST HAMPTON
631/934	EASTPORT
631/934	FARMINGDALE
631/934	FIRE ISLAND
631/934	FISHERS ISLAND
631/934	GREENPORT (SUFFOLK)
631/934	HAMPTON BAYS
631/934	HUNTINGTON
631/934	ISLIP
631/934	JAMESPORT
631/934	KINGS PARK
631/934	LINDENHURST
631/934	MATTITUCK
631/934	MIDLAND
631/934	MONTAUK POINT
631/934	NORTHPORT
631/934	ORIENT
631/934	PATCHOGUE
631/934	PECONIC
631/934	PORT JEFFERSON
631/934	QUOGUE
631/934	RIVERHEAD
631/934	RONKONKOMA
631/934	SAG HARBOR
631/934	SAYVILLE

631/934	SELDEN
631/934	SHELTER ISLAND
631/934	SHOREHAM
631/934	SMITHTOWN
631/934	SOUTHAMPTON
631/934	SOUTHOLD
631/934	ST JAMES
631/934	STONY BROOK
631/934	WEST COMMACK
631/934	WADING RIVER
631/934	WATER MILL
631/934	WESTHAMPTON
631/934	YAPHANK



**POOLING STATISTICS**  
*Provided By: Cecilia McCabe*

<b>ST/NPA:</b>	<b>NY 516</b>
<b>MEETING DATE:</b>	<b>7/13/21</b>
<b>POOL START DATE (PSD)</b>	<b>7/1/00</b>
<b>RATE CENTERS</b>	
<i># Total</i>	<b>11</b>
<i># Mandatory</i>	<b>11</b>
<i># Mandatory-Single Service Providers (M*)</i>	<b>0</b>
<i># Optional</i>	<b>0</b>
<i># Excluded</i>	<b>0</b>
<b>BLOCKS ASSIGNED</b>	
<i># Total</i>	<b>245</b>
<i>(For time period 7/01/20 - 6/11/21)</i>	
<b>BLOCKS AVAILABLE</b>	
<i>#Total</i>	<b>91</b>
<i>(As of preparation date: 6/11/21)</i>	
<b>CODES ASSIGNED</b>	
<i># Total</i>	<b>19</b>
<i># for Pool Replenishment</i>	<b>18</b>
<i># for Dedicated Customers</i>	<b>0</b>
<i># for LRNs</i>	<b>1</b>
<i>(For time period 7/01/20 -6/11/21)</i>	
<b>CODES FORECASTED</b>	
<i># Total</i>	<b>3</b>
<i># for Pool Replenishment and Dedicated Customers</i>	<b>3</b>
<i># for LRNs</i>	<b>0</b>
<i>(For the next twelve months as of: 6/11/21)</i>	

<b>POOLING STATISTICS</b>	
<i>Provided By: Cecilia McCabe</i>	
<b>ST/NPA:</b>	<b>NY 631/934</b>
<b>MEETING DATE:</b>	<b>7/13/21</b>
<b>POOL START DATE (PSD)</b>	<b>6/30/01</b>
<b>RATE CENTERS</b>	
<i># Total</i>	<b>53</b>
<i># Mandatory</i>	<b>53</b>
<i># Mandatory-Single Service Providers (M*)</i>	<b>0</b>
<i># Optional</i>	<b>0</b>
<i># Excluded</i>	<b>0</b>
<b>BLOCKS ASSIGNED</b>	
<i># Total</i>	<b>542</b>
<i>(For time period 7/01/20 - 6/11/21)</i>	
<b>BLOCKS AVAILABLE</b>	
<i>#Total</i>	<b>396</b>
<i>(As of preparation date: 6/11/21)</i>	
<b>CODES ASSIGNED</b>	
<i># Total</i>	<b>51</b>
<i># for Pool Replenishment</i>	<b>50</b>
<i># for Dedicated Customers</i>	<b>0</b>
<i># for LRNs</i>	<b>1</b>
<i>(For time period 7/01/20 - 6/11/21)</i>	
<b>CODES FORECASTED</b>	
<i># Total</i>	<b>1</b>
<i># for Pool Replenishment and Dedicated Customers</i>	<b>1</b>
<i># for LRNs</i>	<b>0</b>
<i>(For the next twelve months as of: 6/11/21)</i>	

**Initial Planning Document**  
**For**  
**Relief of New York 516 NPA**  
**July 13, 2021**

North American Numbering Plan Administrator

Heidi A. Wayman  
Manager, Data Management

## 516 NPA Background Information

### Relief Planning Background and Assumptions:

The 516 NPA has been in service since 1951. In 1999, the 516 NPA was nearing exhaust and the New York Public Service Commission (Commission) approved a geographic split of the 516 and introduced the 631 NPA.

On February 14, 2000, NANPA filed a petition for relief of the 516 NPA (Case 00-C-0314) on behalf of the telecommunications industry; the Industry recommended an all-services distributed overlay as the form of relief. However, due to thousand-block pooling implementation and a decrease in CO code demand the projected exhaust of the 516 NPA moved out beyond five years. On July 26, 2002, NANPA submitted a letter to the Commission informing of the exhaust projection change and relief was no longer needed. Subsequently, on June 19, 2003 a second letter was sent from NANPA to the Commission stating relief was no longer needed for the 516 NPA.

The 516 NPA is in the southeastern portion of New York and serves Nassau county. The 516 NPA serves the town of Hempstead and villages within Hempstead including but not limited to Freeport, Glen Cove, and Levittown. The 516 NPA is bordered on the north by the Long Island Sound, to the east by the 631/934 NPA overlay complex, to the south by the Atlantic Ocean and to the west by the 718/347/929/917 NPA overlay complex.

### CO Code Summary:

As of June 21, 2021, the 516 NPA has 740 codes assigned, 31 codes available for assignment and 29 unassignable codes. There are a total of 66 service providers: 42 service providers that are code holders and 24 thousand-block holders that are not code holders. There are 43 grandfathered codes from the 516-631 split: 11 in the 631 NPA Brentwood rate center, 5 in the 631 NPA Central Islip rate center, 1 in the 631 NPA Port Jefferson rate center and 26 in the 631 NPA Selden rate center.

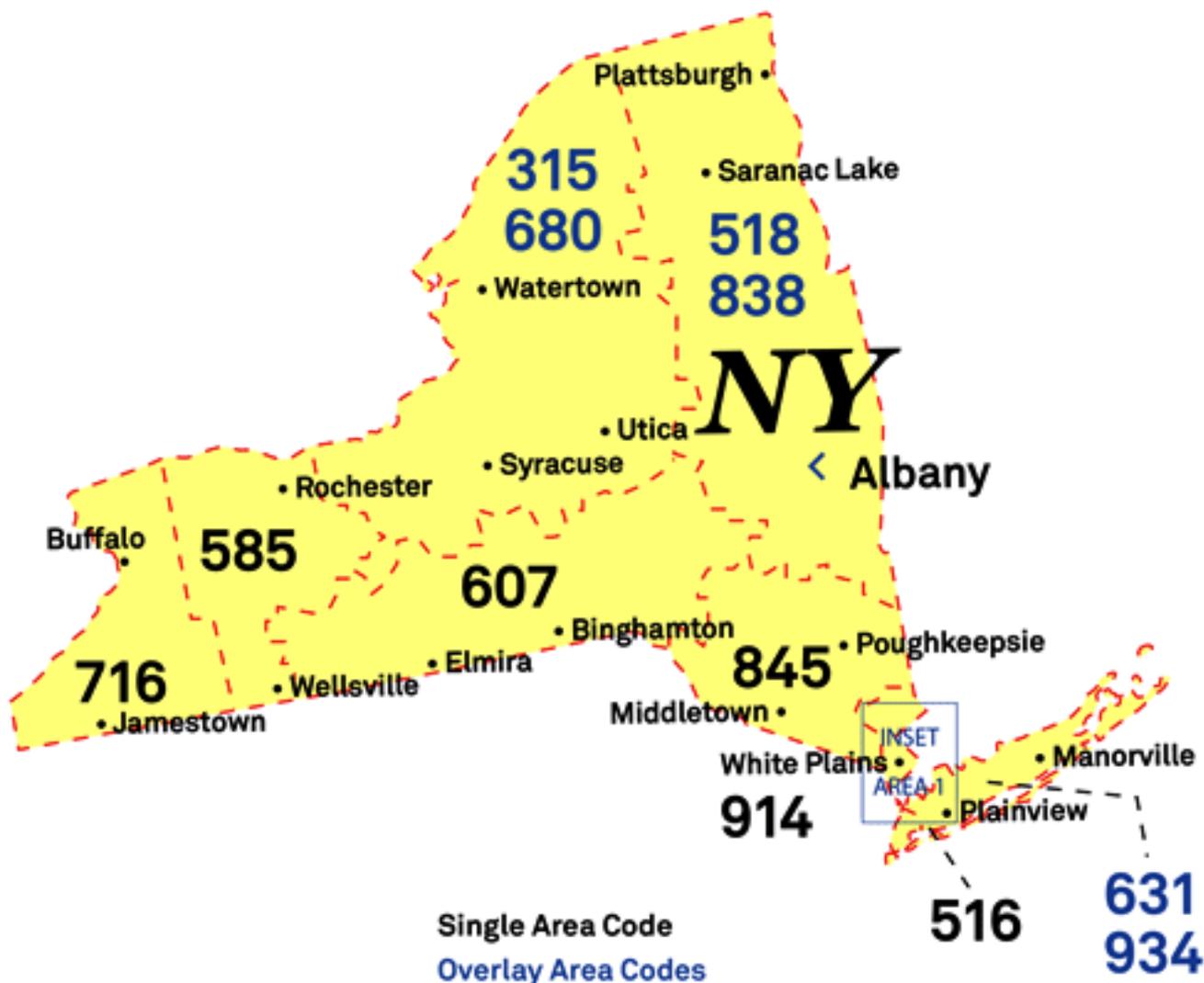
As of June 21, 2021, the 631 NPA has 774 codes assigned, 0 codes available for assignment and 26 unassignable codes. The 934 NPA has 60 codes assigned, 716 codes available for assignment and 24 unassignable codes. There are a total of 62 service providers: 49 service providers that are code holders and 13 thousand-block holders that are not code holders.

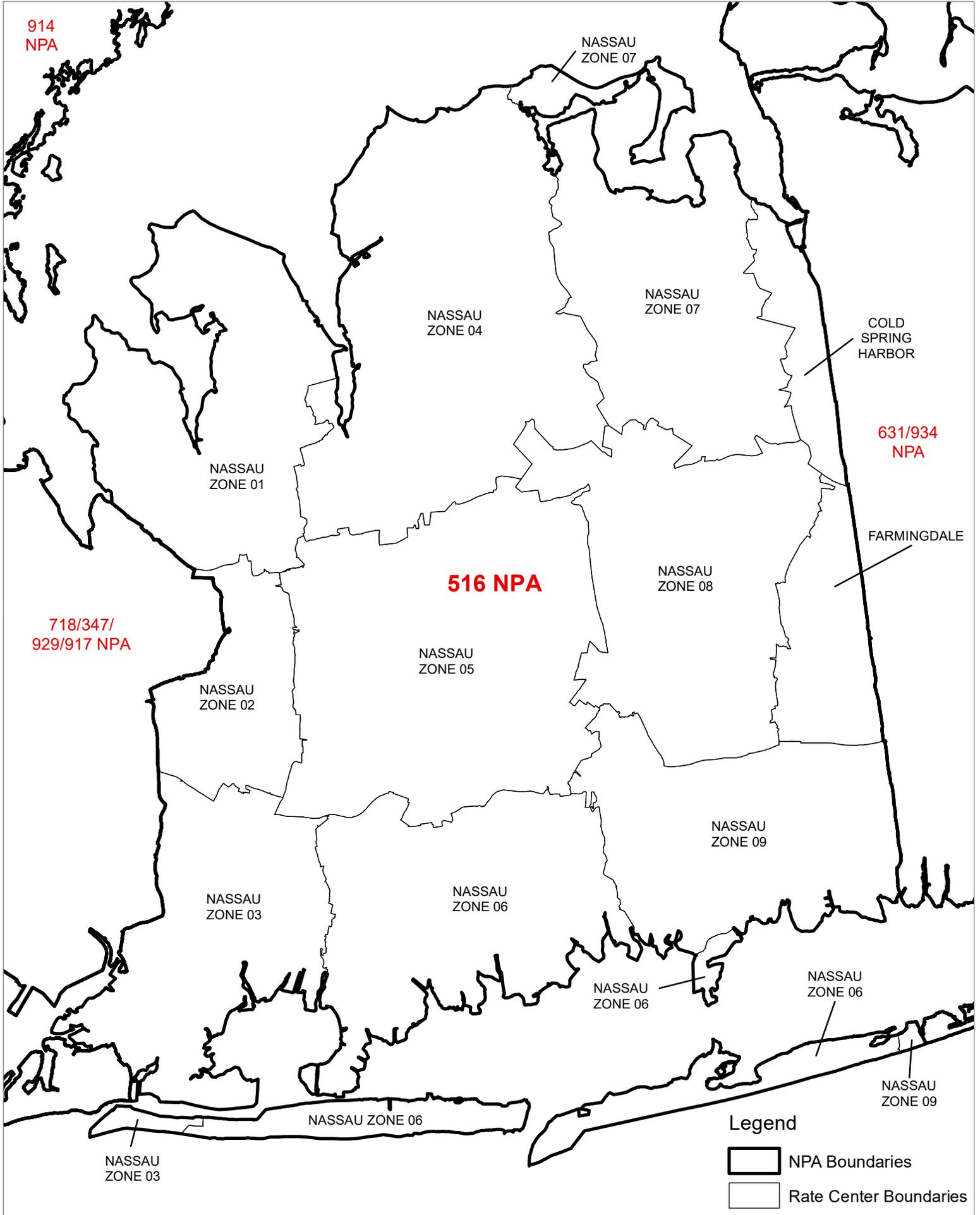
### Exhaust Forecast:

The April 2021 NRUF (Numbering Resource Utilization/Forecast) and NPA Exhaust Analysis (“2021 NRUF Report”), published by NANPA, projects exhaust of the 516 NPA during the third quarter of 2023 and the 631/934 NPA projected exhaust is third quarter of 2061 (3Q2061).

### CURRENT DIALING PLAN:

Type of Call	Call Terminating in	Dialing Plan
Local call	Home NPA (HNPA)	7 digits (NXX-XXXX)
	Foreign NPA (FNPA)	10 digits (1+NPA-NXX-XXXX)
Toll Call	Home NPA (HNPA)	7 digits (NXX-XXXX)
	Foreign NPA (FNPA)	1+10 digits (1+NPA-NXX-XXXX)
Operator Services Credit card, collect, third party	HNPA or FNPA	0+10 digits (0+NPA-NXX-XXXX)

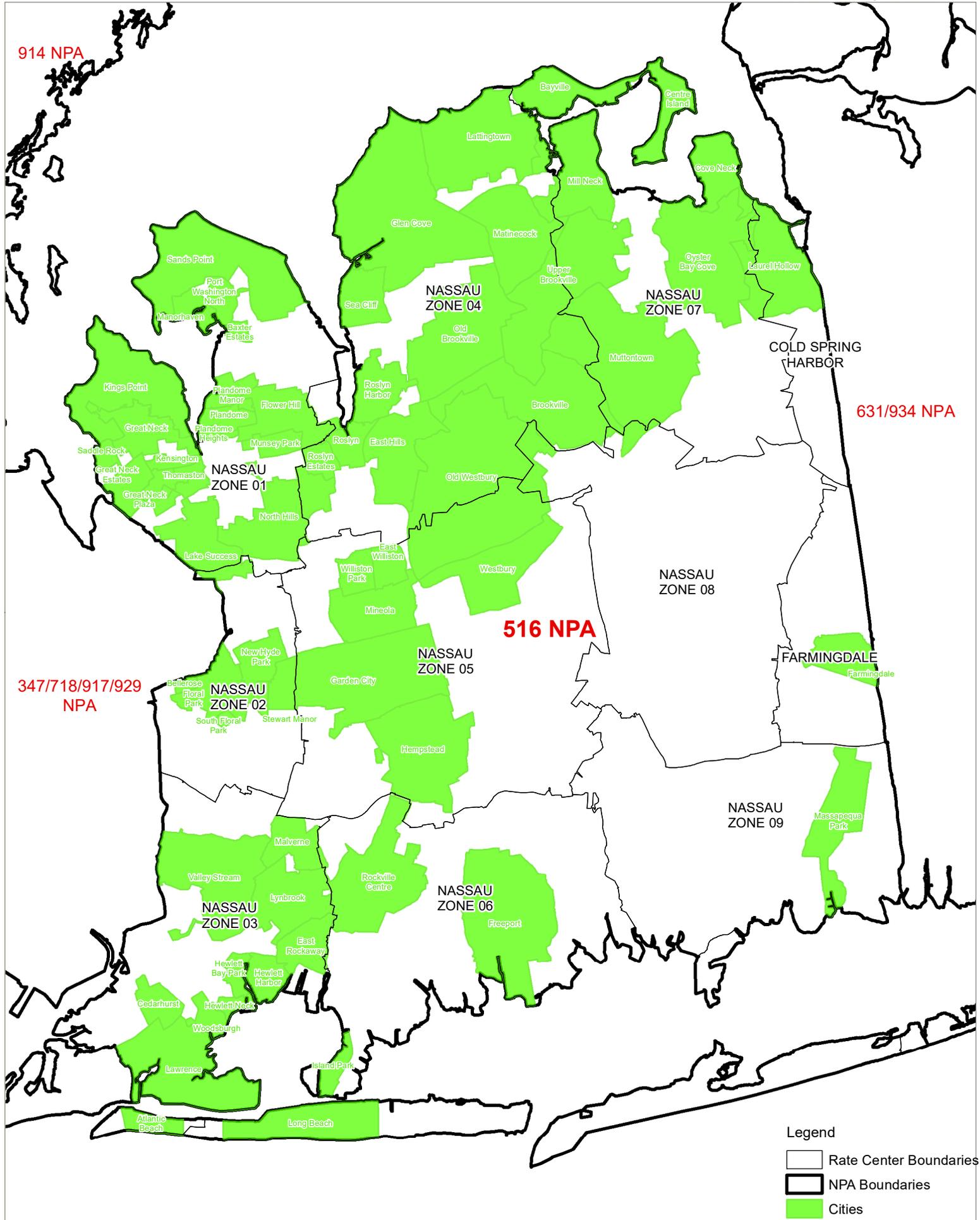




Legend

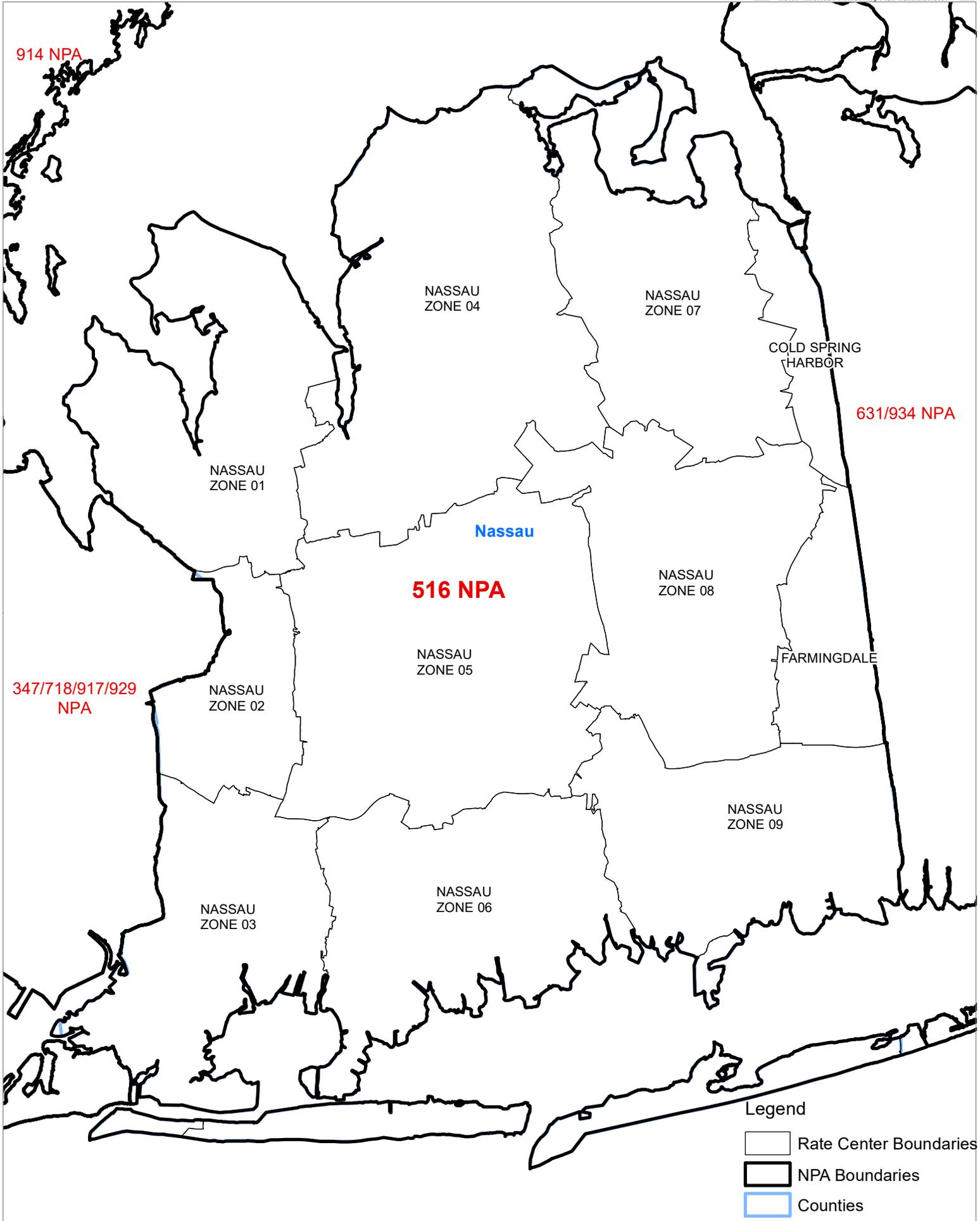
- NPA Boundaries
- Rate Center Boundaries

# New York NPA 516 Rate Center Map, Cities



**Legend**

- Rate Center Boundaries
- NPA Boundaries
- Cities



# 516 NPA - RELIEF ALTERNATIVES

New York

## NPA RELIEF PLANING TOOL ASSUMPTIONS

NRUF DATE..... April 2021  
 PROJECTED EXHAUST DATE.....3Q2023  
 ANNUALIZED CODE DEMAND PROJECTION.....16  
 MONTHLY CO CODE DEMAND PROJECTION.....1.3  
 NXX Assignment data .....June 2021

### CURRENT DIALING PLAN

Type of Call	Call Terminating in	Dialing Plan
Local Call	Home NPA (HNPA)	7 digits (NXX-XXXX)
	Foreign NPA (FNPA)	10 digits (NPA-NXX-XXXX)
Toll Call	HNPA	7 digits (NXX-XXXX)
Toll Call	FNPA	1+10 digits (1+NPA-NXX-XXXX)
Operator Services Credit card, collect, third party	HNPA or FNPA	0+10 digits (0+NPA-NXX-XXXX)

### TRANSITION to 10-DIGIT DIALING for 988 as 3-DIGIT ACCESS to NATIONAL SUICIDE PREVENTION LIFELINE

Per NANPA Planning Letter PL-556, on July 16, 2020, the FCC adopted an Order (FCC 20-100) approving the designation of 988 as the 3-digit abbreviated dialing code for the national suicide prevention and mental health crisis hotline, requiring all telecommunications carriers, interconnected Voice over Internet Protocol (VoIP) providers, and one-way VoIP providers (covered providers) to make any network changes necessary to ensure that users can dial 988 to reach the existing National Suicide Prevention Lifeline: 1-800-273-8255 / 1-800-273 (TALK) by July 16, 2022. The Order requires covered providers to implement mandatory 10-digit dialing in NPAs that use both 7-digit dialing and 988 as an NXX. The 516 NPA is included in the requirements of this FCC order.

ACTION	TIME	DATE
Start of Network Preparation and Customer Education		<b>July 16, 2020</b> (This starts the 9.5-month period prior to permissive dialing effective date for carriers to implement permissive 10-digit dialing in their networks and start educating customers about the upcoming dates.)

Start of permissive 10-digit dialing (“permissive 10-digit dialing effective date”)	12:01 am local time	<b>April 24, 2021</b> (This is the date communicated to customers as the “permissive dialing date” and starts the <i>6-month</i> period where customers start practicing dialing 10 digits and reprogram CPE as needed; this is typically a 6-month period in an overlay implementation.)
End of permissive dialing and start of mandatory 10-digit dialing (“mandatory 10-digit dialing effective date”)	12:01 am local time	<b>October 24, 2021</b> (This is the date communicated to customers as the “mandatory dialing date” and starts the <i>8.5-month</i> period where carriers can start enforcing mandatory 10-digit dialing through their carrier-specific rolling cut schedule. This is not a flash cut.)
End of mandatory 10-digit enforcement implementation	12:01 am local time	<b>July 15, 2022</b> (This is the deadline by which carriers must have completed their rolling cuts to enforce mandatory 10-digit dialing.)
Covered providers shall transmit all calls initiated by an end user dialing 988 to the current toll-free access number for the National Suicide Prevention Lifeline, presently 1-800-273-8255 (TALK)	12:01 am local time	<b>July 16, 2022</b>

During the permissive dialing period, subscribers may dial local calls on either a 7-digit or 10-digit basis but will be encouraged to dial 10 digits. After the permissive dialing period ends, all calls should be dialed using 10 digits. Carriers are strongly encouraged to prepare their switches to begin signaling 10 digits prior to the mandatory 10-digit dialing effective date for customers.

Coincident with the mandatory 10-digit dialing effective date on **October 24, 2021**, the dialing plan will be as follows, unless the state/NPA has a different dialing plan.

#### OVERLAY DIALING PLAN

Type of Call	Call Terminating in	Dialing Plan
Local Call	Home NPA (HNPA) Foreign NPA (FNPA) (including Extended Area Service (EAS) calls)	10 digits (NPA-NXX-XXXX)*
Toll Call	HNPA or FNPA	1+10 digits (1+NPA-NXX-XXXX)
Operator Services Credit card, collect, third party	HNPA or FNPA	0+10 digits (0+NPA-NXX-XXXX)

1+10 digit permissible at each service provider’s discretion

### 631/934 NPA Dialing Plan

Type of call	Call terminating in	Dialing plan
Local & Toll Calls	Overlay NPAs Home NPA (HNPA) (Within and between 631 and 934)	10-digits (NPA-NXX-XXXX)*
Local & Toll calls	Foreign NPA (FNPA) outside of overlay NPAs	1 + 10-digits (1 + NPA-NXX-XXXX)
Operator Services Credit card, collect, third party	HNPA or FNPA	0 + 10-digits (0 + NPA-NXX-XXXX)

\*1+10-digit dialing for all calls permissible at service provider's discretion

### NPA RELIEF ALTERNATIVES

#### OVERLAY ALTERNATIVE

#### **ALTERNATIVE #1 - ALL SERVICES DISTRIBUTED OVERLAY**

A new NPA code would be assigned to the same geographic area occupied by the existing 516 NPA. Customers would retain their current telephone numbers; however, ten-digit local dialing by all customer within and between NPAs in the affected area would be required. Codes in the overlay NPA will be assigned upon request with the effective date of the new area code. At exhaust of the 516 NPA all future code assignments will be made in the overlay area code. The projected life would be:

Total CO Codes = 769

Total Rate Centers = 11

Area Code Life in Years = 49 years

#### **ALTERNATIVE #2 - NPA BOUNDARY ELIMINATION OVERLAY**

The boundary between the existing 516 NPA and 631/934 NPA codes would be eliminated and the 516 NPA and 631/934 NPAs would be assigned to the same geographic areas occupied by the existing 516 NPA and 631/934 NPAs. The 516 NPA and 631/934 NPA customers would retain their current telephone numbers; however, ten-digit dialing for all calls by all customers within 516 NPA affected area would be required. Available central office codes in the 631/934 NPA will be assigned upon request in the 516 area with the effective date of the new area code boundary and available 631/934 NPA central office codes could be assigned upon request in the 516 NPA area. At exhaust of the 516 NPA all future NXX code assignments will be made from the 631/934 NPAs code supply of central office codes. The 516 NPA has 11 rate centers, and the projected exhaust is 3Q2023. The 631/934 NPA overlay complex has 53 rate centers and the projected exhaust is 3Q2061. Eliminating the boundary between the 516 and 631/934 NPAs would have a combined projected life of 22 years, would save the assignment of a new area code, would allow the full utilization of the 43 grandfathered codes that are assigned to rate centers in the 631 NPA such as allowing non-

paging carriers to donate blocks to the pool and would eliminate the bisection of three rate centers due to the 631 split that created the 516 NPA. The three bisected rate centers are Cold Spring Harbor, Farmingdale and Amityville.

**516 NPA**

Total CO Codes = 769  
Total Rate Centers = 11

**631/934 NPA**

Total CO Codes 631 NPA = 800  
Total CO Codes 934 NPA = 84  
Total Rate Centers = 53

Combined Area Code Life in Years = 22 years

<b>GEOGRAPHIC SPLIT ALTERNATIVE</b>
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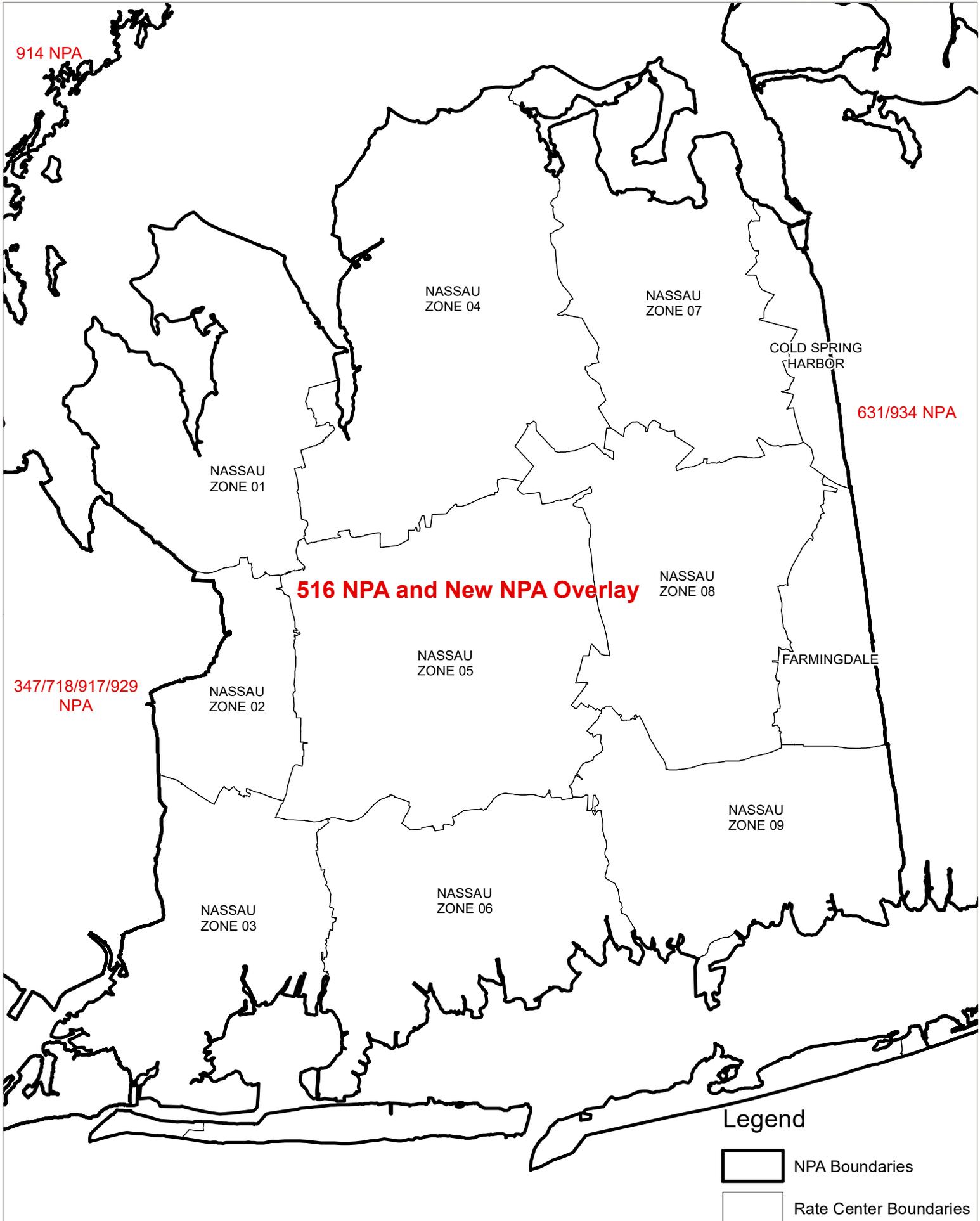
Per Section 5.6.3 of the NPA Code Relief Planning & Notification Guidelines (ATIS-0300061) an overlay is the only relief option of the 516 NPA.

*Where NPA relief is required for a single NPA area and NANPA has determined that only an overlay alternative will meet the guidelines, or the NPA is scheduled to transition to 10-digit dialing or has already transitioned to 10-digit dialing, then the Initial Planning Document, relief planning meeting, and industry consensus to recommend an overlay is not required.*

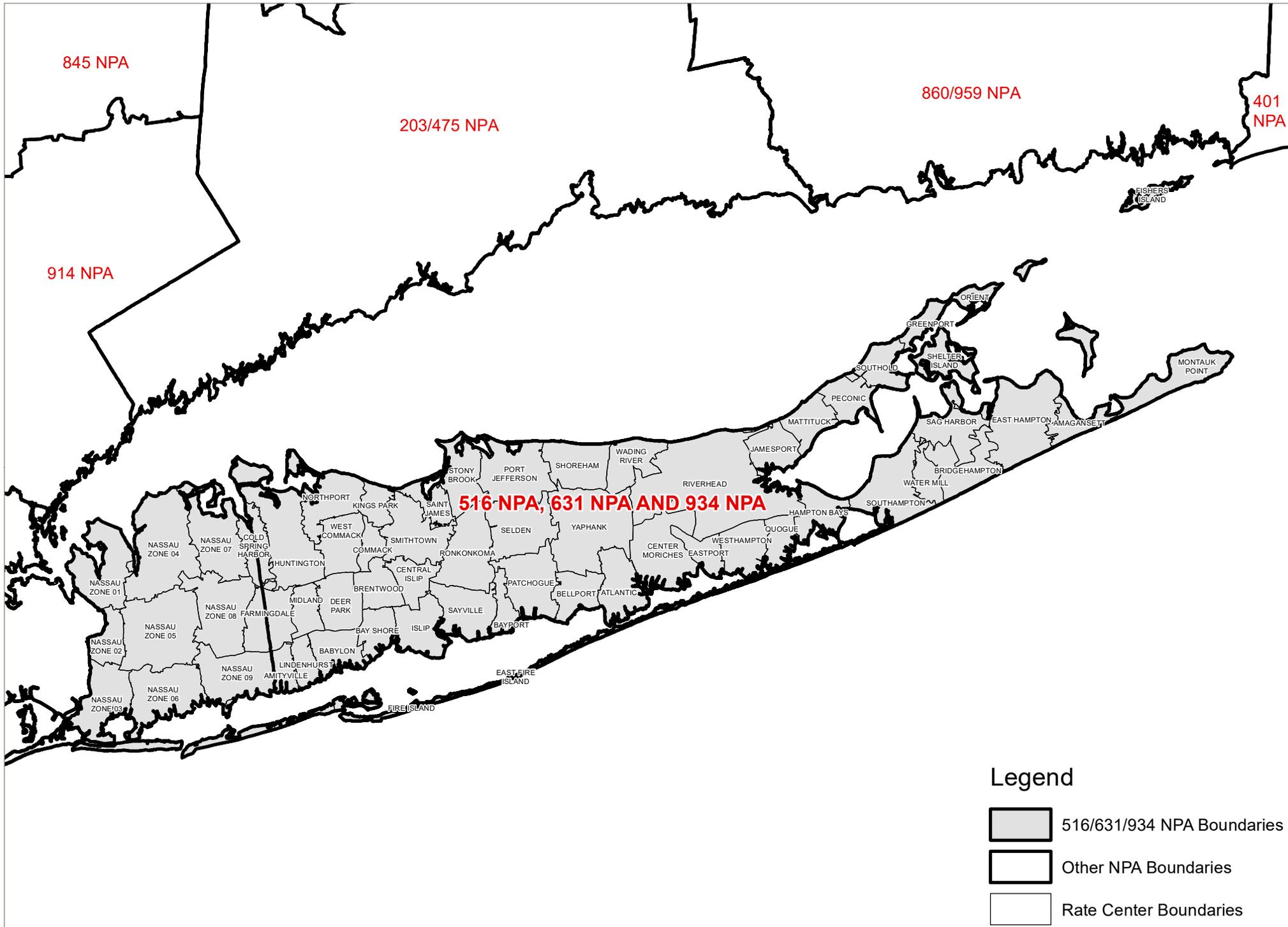
**GRANDFATHERED CENTRAL OFFICE CODES**

STATE	NPA	NXX	RATE CENTER ABBREVIATION
NY	516	230	BRENTWOOD
NY	516	258	BRENTWOOD
NY	516	275	BRENTWOOD
NY	516	276	BRENTWOOD
NY	516	278	BRENTWOOD
NY	516	339	BRENTWOOD
NY	516	356	BRENTWOOD
NY	516	429	BRENTWOOD
NY	516	707	BRENTWOOD
NY	516	903	BRENTWOOD
NY	516	906	BRENTWOOD
NY	516	607	CENTRAISLP
NY	516	810	CENTRAISLP
NY	516	909	CENTRAISLP
NY	516	983	CENTRAISLP

NY	516	991	CENTRAISLP
NY	516	440	PTJEFFERSN
NY	516	380	SELDEN
NY	516	381	SELDEN
NY	516	383	SELDEN
NY	516	397	SELDEN
NY	516	438	SELDEN
NY	516	443	SELDEN
NY	516	446	SELDEN
NY	516	449	SELDEN
NY	516	480	SELDEN
NY	516	527	SELDEN
NY	516	556	SELDEN
NY	516	617	SELDEN
NY	516	635	SELDEN
NY	516	658	SELDEN
NY	516	702	SELDEN
NY	516	768	SELDEN
NY	516	769	SELDEN
NY	516	818	SELDEN
NY	516	819	SELDEN
NY	516	848	SELDEN
NY	516	885	SELDEN
NY	516	901	SELDEN
NY	516	948	SELDEN
NY	516	971	SELDEN
NY	516	982	SELDEN
NY	516	994	SELDEN



Alternative #2 - Boundary Elimination Overlay of 516 NPA and 631/934 NPA



# **EXHIBIT B**



August 31, 2021

To: All 516 NPA Code Holders and Interested Industry Members (New York)

Subject: Final Minutes from the Relief Planning Meeting to Reopen Consensus Agreements to Recommend a Boundary Elimination Overlay for the 516 NPA

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Attached are the final minutes from the August 9, 2021 relief planning meeting to reopen consensus agreements to recommend a boundary elimination overlay for the New York 516 NPA. These minutes became final on August 30, 2021.

If you have any questions, please give me a call at (571) 363-3824 or via email at [hwayman@nanpa.com](mailto:hwayman@nanpa.com).

Sincerely,

*Heidi A. Wayman*  
Manager, Data Management  
NANPA

cc: Lauriann Mullen – NY DPS

**NEW YORK 516 NPA  
REOPEN INDUSTRY CONSENSUS TO RECOMMEND BOUNDARY  
ELIMINATION MEETING  
VIA WEB CONFERENCE  
FINAL MINUTES  
August 9, 2021**

**WELCOME, INTRODUCTIONS & AGENDA REVIEW**

Heidi Wayman, Manager, Data Management–NANPA, welcomed the participants and reviewed the objective of the meeting. This meeting was convened at the request of four affected industry parties (Verizon, AT&T, T-Mobile, and Inteliquent) to reopen the Industry consensus to recommend a boundary elimination overlay for the New York 516 NPA. A list of attendees can be found in Attachment #1. Heidi then reviewed the agenda.

**REVIEW CONSENSUS PROCESS AND NPA RELIEF PLANNING GUIDELINES**

Heidi stated that the ATIS (Alliance for Telecommunications Industry Solutions) approved industry consensus process would be followed. She reviewed the consensus process and explained how consensus is determined. In addition, she stated that the minutes would be comprised of consensus agreements, and that issues not captured by consensus could be expressed in the form of a Statement for the Record, which could be conveyed at any point during the meeting.

**REQUESTS TO REOPEN A PRIOR CONSENSUS AGREEMENT**

Heidi reviewed The NPA Relief Planning and Notification Guidelines (“Guidelines”)

**Section 5.5.1 *Modifications to Previous Industry Agreements***

- At least three Affected Parties are required to request the reopening of a previously agreed to industry NPA relief plan that has not been filed with the appropriate regulatory authority. The request by the parties for a reopening/review shall be made in writing to the Director, North American Numbering Plan Administration.
  - NANPA shall notify all Affected Parties at least two (2) weeks in advance that a special conference call has been scheduled. Attached to the notice will be the reasons for and description of the proposed changes.
- Every effort will be made to avoid conflicts with other industry meetings so that all parties may participate.
- Only issues related to the scheduled topic will be considered on this special conference call.

She stated on July 23, 2021, NANPA was requested by Verizon, AT&T, T-Mobile, and Inteliquent to convene this meeting to reopen the previously agreed upon industry NPA Relief Plan, which was agreed upon at the July 13, 2021 relief planning meeting. (See Attachment #2) Verizon, AT&T, T-Mobile, and Inteliquent have requested the industry revisit the previously agreed upon consensus decision to recommend a boundary elimination overlay as the method of relief of the NY 516 NPA. Pursuant to Guidelines section 5.5.1 this conference call will be conducted in the following manner: At the beginning of the meeting,

participants will first attempt to reach consensus that the previous agreement to recommend a boundary elimination overlay should be reopened for discussion. If consensus is reached to reopen discussion, the meeting will proceed. Absent such consensus, the web conference will be adjourned.

## **NPA STATUS**

**Exhaust Forecast:** Based on the April Numbering Resource Utilization/Forecast (NRUF) and NPA Exhaust Analysis the projected exhaust of the 516 NPA is the third quarter of 2023 (3Q2023).

As of August 8, 2021, the 516 NPA has 741 CO codes (codes) assigned, 30 codes available for assignment, and 29 unavailable codes. Additionally, there are 43 CO codes that are grandfathered from the 516-631 NPA split: 11 codes in the Brentwood rate center, 5 codes in the Central Islip rate center, 1 code in Port Jefferson, and 26 codes in the Selden rate center. (Attachment #3)

## **THOUSANDS-BLOCK INFORMATION**

In the 516 NPA, pooling commenced on July 1, 2000. There are 11 rate centers, and all 11 rate centers are mandatory for pooling. In the period of August 1, 2020 to August 9, 2021, 259 blocks have been assigned, and as of August 9, 2021, there are 69 blocks available for assignment to service providers. During the same period, there were 18 codes assigned, 17 for pool replenishment, 0 for dedicated customers and 1 for an LRN. The forecasted demand for the next twelve months is 13 codes for pool replenishment and dedicated customers. (Attachment #4)

## **REVIEW OF RELIEF PLANNING OPTIONS**

### **ALL-SERVICES DISTRIBUTED OVERLAY**

A new NPA code would be assigned to the same geographic area occupied by the existing 516 NPA. Customers would retain their current telephone numbers; however, ten-digit local dialing by all customer within and between NPAs in the affected area would be required. Codes in the overlay NPA will be assigned upon request with the effective date of the new area code. At exhaust of the 516 NPA all future code assignments will be made in the overlay area code. The projected life would be 49 years.

### **NPA BOUNDARY ELIMINATION OVERLAY**

The boundary between the existing 516 NPA and 631/934 NPA codes would be eliminated and the 516 NPA and 631/934 NPAs would be assigned to the same geographic areas occupied by the existing 516 NPA and 631/934 NPAs. The 516 NPA and 631/934 NPA customers would retain their current telephone numbers; however, ten-digit dialing for all calls by all customers within 516 NPA affected area would be required. Available central office codes in the 631/934 NPA will be assigned upon request in the 516 area and central office codes in the 516 NPA can be assigned in the 631/934 NPA with the effective date of the new area code boundary. At exhaust of the 516 NPA all future central office code assignments will be made from the 631/934 NPAs supply of central office codes. The 516 NPA has 11 rate centers, and the projected exhaust is 3Q2023. The 631/934 NPA overlay area has 53 rate centers and the

projected exhaust is 3Q2061. Eliminating the boundary between the 516 NPA and the 631/934 NPAs would have a combined projected life of 22 years, would save the assignment of a new area code, would allow the full utilization of the 43 grandfathered codes that are in the 516 NPA but are assigned to rate centers in the 631 NPA and would eliminate the bisection of three rate centers created by the split of the 516 NPA, Cold Spring Harbor, Farmingdale, and Amityville, now located in both the 516 and 631 NPAs.

**GRANDFATHERED CODES**

STATE	NPA	NXX	RATE CENTER ABBREVIATION
NY	516	230	BRENTWOOD
NY	516	258	BRENTWOOD
NY	516	275	BRENTWOOD
NY	516	276	BRENTWOOD
NY	516	278	BRENTWOOD
NY	516	339	BRENTWOOD
NY	516	356	BRENTWOOD
NY	516	429	BRENTWOOD
NY	516	707	BRENTWOOD
NY	516	903	BRENTWOOD
NY	516	906	BRENTWOOD
NY	516	607	CENTRAISLP
NY	516	810	CENTRAISLP
NY	516	909	CENTRAISLP
NY	516	983	CENTRAISLP
NY	516	991	CENTRAISLP
NY	516	440	PTJEFFERSN
NY	516	380	SELDEN
NY	516	381	SELDEN
NY	516	383	SELDEN
NY	516	397	SELDEN
NY	516	438	SELDEN
NY	516	443	SELDEN
NY	516	446	SELDEN
NY	516	449	SELDEN

NY	516	480	SELDEN
NY	516	527	SELDEN
NY	516	556	SELDEN
NY	516	617	SELDEN
NY	516	635	SELDEN
NY	516	658	SELDEN
NY	516	702	SELDEN
NY	516	768	SELDEN
NY	516	769	SELDEN
NY	516	818	SELDEN
NY	516	819	SELDEN
NY	516	848	SELDEN
NY	516	885	SELDEN
NY	516	901	SELDEN
NY	516	948	SELDEN
NY	516	971	SELDEN
NY	516	982	SELDEN
NY	516	994	SELDEN

**DISCUSSION TO RECOMMEND AN ALL-SERVICES DISTRIBUTED OVERLAY**

Heidi provided the four industry parties requesting the meeting an opportunity to present their reasons for recommending the industry change their consensus from a boundary elimination to an all-services distributed overlay. The parties explained that the main reason to change the consensus for a boundary elimination is that the boundary elimination overlay is going to cause technical implementation challenges for the translations teams.

**CONSENSUS TO RECOMMEND AN ALL-SERVICES DISTRIBUTED OVERLAY**

After discussion, the meeting participants reached consensus to reopen consensus agreements and recommend the all-services distributed overlay which will be included in the petition for relief of the 516 NPA that will be submitted to the New York Public Service Commission.

**REVIEW DRAFT PETITION INCLUDING ALL SERVICES OVERLAY**

Heidi stated based on Guidelines Section 5.5.1, *“Only issues related to the scheduled topic will be considered on this special conference call.”* She asked the group if there was agreement to also proceed with reviewing the draft petition recommending the all-services distributed overlay. The group reached consensus to continue meeting and review the draft petition for

the 516 NPA during this call.

The meeting participants reviewed the draft petition and reached consensus for NANPA to file the petition with the edits accepted by the industry with the New York Public Service Commission (PSC).

Heidi stated the petition would be filed with the PSC along with the final meeting minutes from today's meeting and the final meeting minutes from the July 13 relief planning meeting which includes the consensus agreements for the implementation schedule, dialing plan and customer and technical milestones which will also apply to the all-services distributed overlay. The customer and technical milestones in the meeting minutes from July 13 do state they are for a boundary elimination overlay, but the industry states in the same meeting minutes the milestones may need to be modified during the implementation phase of the overlay.

#### **STATEMENTS FOR THE RECORD**

There were no statements for the record.

#### **REVIEW OF DRAFT MEETING MINUTES**

Consensus was reached that the draft minutes resulting from this meeting will be distributed to the industry no later than August 23, 2021. Any changes or corrections are to be submitted to Heidi via [hwayman@nanpa.com](mailto:hwayman@nanpa.com) by August 30, 2021 when the minutes will become final.

Meeting Adjourned

###

These minutes became final on August 30, 2021.

**New York 516 NPA  
Reopen Consensus Agreements Meeting  
via Web Conference  
August 9, 2021  
Participants**

NAME	COMPANY
Huong Le	Altice
Angelo Topis	Altice
Cole Hamilton	Altice
Jeffrey Jarnack	Altice
Sharon Poer	AT&T
Rita Schmitz	CenturyLink/Lumen
Leslie Miklos	Consolidated Communications
Rosemary Coates	Frontier
Paul Belote	Inteliquent
Heidi Wayman	NANPA
Cecilia McCabe	NANPA
Linda Hymans	NANPA
Florence Weber	NANPA
Shaunna Forshee	T-Mobile
Terri Arakelian	T-Mobile
Chanda Brown	Verizon
Kelly Faul	Verizon/XO
Dana Crandall	Verizon Wireless



July 23, 2021

Ms. Florence Weber  
Senior Director  
North American Numbering Plan Administration (NANPA)  
2411 Dulles Corner Park, Suite 250  
Herndon, VA 20171

via e-mail: fweber@nanpa.com

Re: Request for Industry to Re-Open Consensus on Relief Recommendation for New York 516

Dear Ms. Weber:

Verizon New York Inc. (Verizon) is an incumbent local exchange carrier (ILEC) licensed by the New York Department of Public Service (NY DPS) to provide service in various parts of New York. Verizon offers local exchange service to the public in New York, and is an affected party in any matters concerning numbering, including relief planning for the 516 Numbering Plan Area (NPA).

As you are aware, on June 1, 2021, NANPA convened the industry for the initial relief planning meeting for the 516 NPA. Because 516 is transitioning to mandatory 10-digit dialing under the 988 mandate, the intent of that meeting was to review a draft petition for an all-services overlay to relieve the 516 NPA and NANPA had distributed the draft petition to the industry on March 30, 2021. At the June 1, 2021 meeting, the industry agreed to consider a boundary elimination overlay with the adjacent 631/934 overlay to relieve the 516 NPA, and NANPA scheduled a second relief planning meeting for July 13, 2021.

At the July 13, 2021 meeting, the industry reached consensus to recommend the boundary elimination overlay and a 9-month implementation schedule to the NY DPS. At that time, NANPA indicated that it would schedule an August 3, 2021 meeting for the industry to review the draft petition for the boundary elimination overlay.

Since the July 13, 2021 meeting, Verizon has determined that a boundary elimination overlay for Long Island presents unique technical implementation challenges due to the previous area code split of Long Island in 1999 and with the now shortened timeframe before exhaust in 3Q2023 for the 516 NPA. Verizon anticipates that other service providers may have similar challenges, and now recommends that the industry reach consensus to recommend an all-service overlay and a 9-month implementation schedule for relief of the 516 NPA, particularly given the shortened timeframe in which to implement relief.

Verizon requests that NANPA reconvene the service providers operating in the 516 NPA to discuss revisiting the July 13, 2021 agreement to recommend a boundary elimination overlay to the NY DPS. The NPA Code Relief Planning & Notification Guidelines<sup>1</sup>, under which NANPA conducts the NPA relief planning process, provides this opportunity. Specifically, Section 5.5.1 of these Guidelines addresses this situation:

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<sup>1</sup> Available at [https://access.atis.org/apps/group\\_public/documents.php?view=](https://access.atis.org/apps/group_public/documents.php?view=), published by the Alliance for Telecommunications Industry Solutions' Industry Numbering Committee (ATIS INC).

- “5.5.1 Modifications to Previous Industry Agreements – This process provides industry participants an opportunity under prescribed circumstances to reopen and possibly modify previous agreements reached by consensus. To be fair to all parties and cognizant of the time and effort required to reach industry consensus, the following procedures shall be used to request a reopening of a previous consensus agreement(s).*
- At least two Affected Parties are required to request the reopening and review of a consensus agreement(s) achieved at a previous industry meeting. This excludes a previously agreed to industry NPA relief plan, regardless of whether or not that plan has been filed. The request by the parties for a reopening/review must be made in writing to the Director, North American Numbering Plan Administration.*
  - At least three Affected Parties are required to request the reopening of a previously agreed to industry NPA relief plan that has not been filed with the appropriate regulatory authority. The request by the parties for a reopening/review shall be made in writing to the Director, North American Numbering Plan Administration.*
  - NANPA shall request a reopening of previous consensus agreements after receiving regulatory approval when circumstances could potentially have a significant impact to the implementation plan.*
  - NANPA shall notify all Affected Parties at least two (2) weeks in advance that a special conference call has been scheduled. Attached to the notice will be the reasons for and description of the proposed changes.*
  - Every effort will be made to avoid conflicts with other industry meetings so that all parties may participate. At the beginning of the conference call, Affected Parties will consider whether the previous consensus agreement will be reopened for discussion. If consensus is reached to reopen the discussion, the call will proceed. Absent such a consensus, the conference call will be adjourned.*
  - Only issues related to the scheduled topic will be considered on this special conference call.*
  - Meeting minutes shall be produced and distributed by NANPA within 14 calendar days of the conference call.”*

Verizon, AT&T, Inteliquent and T-Mobile believe it is in the best interest of all consumers, businesses and service providers in the 516 NPA for the industry to recommend an all-services overlay as the method of relief to the NY DPS. Therefore, Verizon, AT&T, Inteliquent and T-Mobile request that NANPA reconvene the industry to re-open its consensus decision to recommend a boundary elimination overlay as the method of relief for the 516 NPA.

Please contact me at 914-821-9686 if you have any questions.

Sincerely,

Laura Dalton  
Principal Engineer, Network Engineering  
Verizon  
laura.r.dalton@verizon.com

Sharon Poer  
Senior Network Support, Numbering Policy Planning  
AT&T  
sharon.poer@att.com

Paul Belote  
Manager, Code Administration  
Inteliquent  
Paul.Belote@inteliquent.com

Karen Riepenkroger  
National Numbering Engineering  
T-Mobile  
karen.s.riepenkroger@t-mobile.com

cc: Heidi Wayman, NANPA, hwayman@nanpa.com  
Linda Hymans, NANPA, lhymans@nanpa.com

Monday, July 26, 2021 at 16:55:18 Pacific Daylight Time

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**Subject:** RE: NY 516-Request to NANPA to Reopen Consensus  
**Date:** Friday, July 23, 2021 at 10:39:27 AM Pacific Daylight Time  
**From:** Riepenkroger, Karen  
**To:** POER, SHARON, Dalton, Laura R, Florence Weber, Heidi Wayman, Linda Hymans  
**CC:** Paul Belote, Crandall, Dana W, Brown, Chanda, Mary Colleen (Kelly) Faul, Forshee, Shaunna, Febles, Nicole  
**Attachments:** image001.png

This email is to confirm T-Mobile's support to convene the industry for NY 516 NPA Relief Planning to reopen the industry's consensus decision for boundary elimination overlay.

**Karen Riepenkroger**

National Numbering Engineering

Direct 913 315 8546 | Mobile 816 777 7711 | [karen.s.riepenkroger@t-mobile.com](mailto:karen.s.riepenkroger@t-mobile.com)[Sprint.com](#) | [Follow us on Twitter, Facebook and Instagram](#)

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**From:** POER, SHARON <[sp1441@att.com](mailto:sp1441@att.com)>  
**Sent:** Friday, July 23, 2021 12:26 PM  
**To:** Dalton, Laura R <[laura.r.dalton@verizon.com](mailto:laura.r.dalton@verizon.com)>; [fweber@nanpa.com](mailto:fweber@nanpa.com); Heidi Wayman <[hwayman@nanpa.com](mailto:hwayman@nanpa.com)>; [lhymans@nanpa.com](mailto:lhymans@nanpa.com)  
**Cc:** Paul Belote <[Paul.Belote@inteliquent.com](mailto:Paul.Belote@inteliquent.com)>; Riepenkroger, Karen <[Karen.S.Riepenkroger@sprint.com](mailto:Karen.S.Riepenkroger@sprint.com)>; Crandall, Dana W <[dana.crandall@verizonwireless.com](mailto:dana.crandall@verizonwireless.com)>; Brown, Chanda <[chanda.brown@verizon.com](mailto:chanda.brown@verizon.com)>; Mary Colleen (Kelly) Faul <[kelly.faul@verizon.com](mailto:kelly.faul@verizon.com)>  
**Subject:** RE: NY 516-Request to NANPA to Reopen Consensus

[External]

This email is to confirm AT&T's support to convene the industry for NY 516 NPA Relief Planning to reopen the industry's consensus decision for boundary elimination overlay.

Thank you,

**Sharon Poer**

Senior - Network Support

AT&amp;T Number Policy Planning and Administration

Office: 256-744-7105

Cell: 205-482-8583

Texting and Driving: It Can Wait. [Take the pledge today and pass it on!](#)

**From:** Dalton, Laura R <laura.r.dalton@verizon.com>

**Sent:** Friday, July 23, 2021 12:14 PM

**To:** fweber@nanpa.com; Heidi Wayman <[hwayman@nanpa.com](mailto:hwayman@nanpa.com)>; lhymans@nanpa.com

**Cc:** POER, SHARON <[sp1441@att.com](mailto:sp1441@att.com)>; Paul Belote <[Paul.Belote@inteliquent.com](mailto:Paul.Belote@inteliquent.com)>; Riepenkroger, Karen <[karen.s.ripenkroger@t-mobile.com](mailto:karen.s.ripenkroger@t-mobile.com)>; Crandall, Dana W <[dana.crandall@verizonwireless.com](mailto:dana.crandall@verizonwireless.com)>; Brown, Chanda <[chanda.brown@verizon.com](mailto:chanda.brown@verizon.com)>; Mary Colleen (Kelly) Faul <[kelly.faul@verizon.com](mailto:kelly.faul@verizon.com)>

**Subject:** NY 516-Request to NANPA to Reopen Consensus

**Florence,**

Attached is a request from Verizon, AT&T, Inteliquent, and T-Mobile for NANPA to convene the industry in NY 516 NPA Relief Planning to reopen the industry's consensus decision to recommend a boundary elimination overlay to the New York Department of Public Service.

**Sharon, Paul, and Karen,**

Please reply to all on this email to confirm your support so that NANPA has your email concurrence as a "pseudo-signature."

Please give me a call if you have any questions.

Thanks,  
Laura



**Laura Dalton**

Principal Engineer - Network Engineering  
Wireline Numbering / NPA Relief

O 914-821-9686

M 914-262-3497

**Subject:** RE: NY 516-Request to NANPA to Reopen Consensus  
**Date:** Friday, July 23, 2021 at 10:25:58 AM Pacific Daylight Time  
**From:** POER, SHARON  
**To:** Dalton, Laura R, Florence Weber, Heidi Wayman, Linda Hymans  
**CC:** Paul Belote, Riepenkroger, Karen, Crandall, Dana W, Brown, Chanda, Mary Colleen (Kelly) Faul

This email is to confirm AT&T's support to convene the industry for NY 516 NPA Relief Planning to reopen the industry's consensus decision for boundary elimination overlay.

Thank you,

**Sharon Poer**

Senior - Network Support

AT&T Number Policy Planning and Administration

Office: 256-744-7105

Cell: 205-482-8583

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---

**From:** Dalton, Laura R <laura.r.dalton@verizon.com>  
**Sent:** Friday, July 23, 2021 12:14 PM  
**To:** fweber@nanpa.com; Heidi Wayman <hwayman@nanpa.com>; lhymans@nanpa.com  
**Cc:** POER, SHARON <sp1441@att.com>; Paul Belote <Paul.Belote@inteliquent.com>; Riepenkroger, Karen <karen.s.ripenkroger@t-mobile.com>; Crandall, Dana W <dana.crandall@verizonwireless.com>; Brown, Chanda <chanda.brown@verizon.com>; Mary Colleen (Kelly) Faul <kelly.faul@verizon.com>  
**Subject:** NY 516-Request to NANPA to Reopen Consensus

**Florence,**

Attached is a request from Verizon, AT&T, Inteliquent, and T-Mobile for NANPA to convene the industry in NY 516 NPA Relief Planning to reopen the industry's consensus decision to recommend a boundary elimination overlay to the New York Department of Public Service.

**Sharon, Paul, and Karen,**

Please reply to all on this email to confirm your support so that NANPA has your email concurrence as a "pseudo-signature."

Please give me a call if you have any questions.

Thanks,

Laura



**Laura Dalton**

Principal Engineer - Network Engineering  
Wireline Numbering / NPA Relief

O 914-821-9686

M 914-262-3497

**Subject:** RE: NY 516-Request to NANPA to Reopen Consensus  
**Date:** Friday, July 23, 2021 at 10:38:38 AM Pacific Daylight Time  
**From:** Paul Belote  
**To:** POER, SHARON, Dalton, Laura R, Florence Weber, Heidi Wayman, Linda Hymans  
**CC:** Riepenkroger, Karen, Crandall, Dana W, Brown, Chanda, Mary Colleen (Kelly) Faul  
**Attachments:** ~WRD0000.jpg

Hi all –

Inteliquent supports this decision as well.

Thanks,  
Paul

Paul Belote | Manager, Code Administration | Inteliquent | 202-900-1297

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**From:** POER, SHARON <sp1441@att.com>  
**Sent:** Friday, July 23, 2021 1:26 PM  
**To:** Dalton, Laura R <laura.r.dalton@verizon.com>; fweber@nanpa.com; Heidi Wayman <hwayman@nanpa.com>; lhymans@nanpa.com  
**Cc:** Paul Belote <Paul.Belote@inteliquent.com>; Riepenkroger, Karen <karen.s.riepenkroger@t-mobile.com>; Crandall, Dana W <dana.crandall@verizonwireless.com>; Brown, Chanda <chanda.brown@verizon.com>; Mary Colleen (Kelly) Faul <kelly.faul@verizon.com>  
**Subject:** RE: NY 516-Request to NANPA to Reopen Consensus

//EXTERNAL Sender: sp1441@att.com from United States.

---

This email is to confirm AT&T's support to convene the industry for NY 516 NPA Relief Planning to reopen the industry's consensus decision for boundary elimination overlay.

Thank you,

**Sharon Poer**

Senior - Network Support

AT&T Number Policy Planning and Administration

Office: 256-744-7105

Cell: 205-482-8583

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**From:** Dalton, Laura R <laura.r.dalton@verizon.com>

**Sent:** Friday, July 23, 2021 12:14 PM

**To:** fweber@nanpa.com; Heidi Wayman <hwayman@nanpa.com>; lhymans@nanpa.com

**Cc:** POER, SHARON <sp1441@att.com>; Paul Belote <Paul.Belote@inteliquent.com>; Riepenkroger, Karen <karen.s.ripenkroger@t-mobile.com>; Crandall, Dana W <dana.crandall@verizonwireless.com>; Brown, Chanda <chanda.brown@verizon.com>; Mary Colleen (Kelly) Faul <kelly.faul@verizon.com>

**Subject:** NY 516-Request to NANPA to Reopen Consensus

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Thanks,

Laura



**Laura Dalton**

Principal Engineer - Network Engineering

Wireline Numbering / NPA Relief

O 914-821-9686

M 914-262-3497

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<b>THOUSANDS-BLOCK STATISTICS</b>	
<i>Provided By: Cecilia McCabe</i>	
<b>ST/NPA:</b>	<b>NY 516</b>
<b>MEETING DATE:</b>	<b>8/9/21</b>
<b>POOL START DATE (PSD)</b>	<b>7/1/00</b>
<b>RATE CENTERS</b>	
<i># Total</i>	<b>11</b>
<i># Mandatory</i>	<b>11</b>
<i># Mandatory-Single Service Providers (M*)</i>	<b>0</b>
<i># Optional</i>	<b>0</b>
<i># Excluded</i>	<b>0</b>
<b>BLOCKS ASSIGNED</b>	
<i># Total</i>	<b>259</b>
<i>(For time period 8/01/20 - 8/09/21)</i>	
<b>BLOCKS AVAILABLE</b>	
<i># Total</i>	<b>69</b>
<i>(As of preparation date: 8/09/21)</i>	
<b>CODES ASSIGNED</b>	
<i># Total</i>	<b>18</b>
<i># for Pool Replenishment</i>	<b>17</b>
<i># for Dedicated Customers</i>	<b>0</b>
<i># for LRNs</i>	<b>1</b>
<i>(For time period 8/01/20 - 8/09/21)</i>	
<b>CODES FORECASTED</b>	
<i># Total</i>	<b>13</b>
<i># for Pool Replenishment and Dedicated Customers</i>	<b>13</b>
<i># for LRNs</i>	<b>0</b>
<i>(For the next twelve months as of: 8/09/21)</i>	