May 1, 2025

Via Email

Ms. Sally Tanner
Executive Secretary
Georgia Public Service Commission
244 Washington St, SW
Atlanta, GA 30334-5701

RE: *In the Matter of Implementation of Relief for the 912 Numbering Plan Area, Petition of the North American Numbering Plan Administrator on behalf of the Georgia Telecommunications Industry for Relief of the 912 Numbering Plan Area*

Dear Ms. Tanner:

The North American Numbering Plan Administrator ("NANPA"), hereby submits a petition on behalf of the Georgia telecommunications industry for relief of the "912" Numbering Plan Area (NPA or area code).

If you have any questions regarding this filing, please contact Cecilia McCabe at cmccabe@nanpa.com or 925-420-0130 or me at at fweber@nanpa.com or 925-420-0340.

Respectfully Submitted,

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Before the
Public Service Commission of Georgia

In the Matter of the Implementation of Relief for the 912 Numbering Plan Area	**)** **)** **)**	**Docket No._____**

PETITION OF THE
NORTH AMERICAN NUMBERING PLAN ADMINISTRATOR
ON BEHALF OF THE GEORGIA TELECOMMUNICATIONS INDUSTRY

The North American Numbering Plan Administrator ("NANPA"), acting as the neutral third-party Numbering Plan Area ("NPA") (also referred to as "area code") relief planner for Georgia and on behalf of the Georgia telecommunications industry ("Industry")[1], hereby notifies the Georgia Public Service Commission ("Commission")[2] that the 912 NPA, serving southeastern Georgia, is projected to exhaust its supply of Central Office ("CO" or "NXX") codes in the second quarter of 2028. In the absence of NPA relief, the supply of assignable CO codes is projected to be depleted by that time.

On March 25, 2025, the Industry reached consensus to request Commission approval for an all-services distributed overlay to provide relief for the 912 NPA. The Industry recommends a nine (9)-month implementation schedule, commencing at least 15 months prior to projected exhaust. This timeline ensures the new overlay NPA will be in place six (6) months before the projected exhaust of the 912 NPA.

The Industry respectfully requests that the Commission promptly approve the proposed

[1] The Industry is composed of current and prospective telecommunications carriers operating in, or considering operations within, the 912 NPA.

[2] The Federal Communications Commission ("FCC") delegated authority to the states to review and approve NPA relief plans. See 47 CFR §52.19.

NPA relief plan and issue its final decision to implement the overlay as set forth herein, no later than July 31, 2026.

I. Background

The 912 NPA was established in 1954 through a geographic split of the 404 NPA. In 2000, it was further divided into three NPAs, resulting in the creation of the 229 NPA, serving the western portion, and the 478 NPA, serving the northern portion of the original 912 geographic area. The 912 NPA currently serves numerous communities in southeastern Georgia, including Brunswick, Douglas, Hinesville, Kingsland, Pooler, Richmond Hill, Saint Marys, Savannah, Statesboro, Waycross, and various smaller municipalities.

II. Description of Relief Alternatives

As required by the FCC, NANPA collects data on CO code assignments, utilization, and forecasted demand to project the exhaust of area codes. This analysis is published twice annually. In October 2024, NANPA released its semi-annual Numbering Resource Utilization/Forecast (NRUF) and NPA Exhaust Analysis ("October 2024 NRUF Report"), which projected that the 912 NPA would exhaust in the first quarter of 2028.[3] However, due to a decline in CO code assignments, NANPA issued a Delta NRUF on March 14, 2025, revising the projected exhaust date to the second quarter of 2028.[4] The projected lives of these two NPA relief alternatives described in the Initial Planning Document ("IPD") are based on this updated projection.

NANPA presented two possible alternatives for relief of the 912 NPA: 1) an all-services distributed overlay involving the addition of a new NPA; and 2) a boundary elimination overlay

[3] The October 2024 NRUF and NPA Exhaust Analysis report can be accessed on the NANPA web site at, www.nanpa.com, under NPA Reports/NPA and NANP Exhaust Analysis.

[4] The March 14, 2025 Delta NRUF (Changes to October 2024 NPA Exhaust Analysis) can be accessed on the NANPA website at www.nanpa.com, under NPA Reports/NPA and NANP Exhaust Analysis.

with the adjacent 229 and 478 NPAs with the addition of a new NPA. A meeting notice, along with the IPD outlining these alternatives, was distributed to the Industry on February 21, 2025.[5]

NANPA convened an Industry NPA relief planning meeting via web conference on March 25, 2025, to review the two relief alternatives included in the IPD:

- **Alternative #1**: **An all-services distributed overlay of the 912 NPA with a new overlay NPA**

  A new NPA will be assigned to the existing 912 NPA geographic area. CO codes in the new NPA will be assigned upon request once all available CO codes in the 912 NPA are allocated. Customers will retain their current phone numbers. Mandatory 10-digit local dialing for all calls will continue within the 912 NPA and will be required within the new overlay NPA. There are a total of 71 rate centers in the 912 NPA. **Based on the Delta NRUF published on March 14, 2025, this alternative has a projected life of 24 years.**

- **Alternative #2: NPA boundary elimination overlay of the 912, 229, and 478 NPAs with the addition of a new overlay NPA**

  The boundaries between the 912, 229, and 478 NPAs will be eliminated, and a new overlay NPA will be introduced. Existing customers in these NPAs will retain their current phone numbers but must transition to mandatory 10-digit local dialing for all calls within and between the affected NPAs and the new overlay. While the 912 and 478 NPAs already utilize 10-digit local dialing, the 229 NPA will be required to transition from 7-digit to 10-digit local dialing with this alternative.

[5] NANPA's February 21, 2025, notice to the Industry is attached as Exhibit A and contains CO code assignment information, thousands-block pooling statistics, and associated maps.

Available CO codes in the 912 NPA would be assigned upon request in the 229 and 478 NPAs with the effective date of the new NPA boundary elimination. CO codes from the new overlay NPA will be assigned only after exhausting all available CO codes in the existing NPAs.

This plan recombines the original 912 NPA into a single NPA area with 207 rate centers and standardizes 10-digit local dialing statewide. The projected exhaust of the 229 NPA is third quarter 2030. The boundary elimination overlay is estimated to extend the projected life of the 229 NPA by 14 years, deferring the need to begin NPA relief planning, currently anticipated to begin in third quarter 2027. The projected exhaust of the 478 NPA is second quarter 2050. The boundary elimination overlay alternative is estimated to reduce the projected life of the 478 NPA by six years to second quarter 2044. Overall, this relief alternative would save an NPA from being assigned for upcoming relief of the 229 NPA.

Based on the Delta NRUF published on March 14, 2025, this alternative has a projected life of 16 years.

III. Description of the Recommended Relief Alternative

At the NPA relief planning meeting, the Industry participants discussed the attributes of the two relief alternatives that adhere to the NPA Code Relief Planning and Notification Guidelines ("NPA Relief Guidelines"), and reached consensus to recommend to the Commission Alternative #1, an all-services distributed overlay of the 912 NPA.[6] The all-services distributed overlay would add a new NPA over the same geographic area covered by the existing 912 NPA and is projected to last approximately 24 years. NANPA will assign CO codes

[6] A copy of the March 25, 2025, meeting minutes is attached as Exhibit B.

from the new overlay NPA once all available CO codes from the 912 NPA are assigned. All existing customers would retain their current area code in the overlay area and would not have to change their telephone numbers. Ten-digit local dialing is already in place in the 912 NPA and will be required for the new NPA.[7]

The Industry recommends the all-services distributed overlay alternative because it:

- Impacts fewer customers than the other relief alternative;
- Is quicker and easier for service providers to implement from a translations, billing, and operational support systems perspective; and
- Alleviates customer confusion and additional work required for the boundary elimination overlay alternatives.

The Industry has established a consensus-based relief implementation schedule with flexible timeframes to accommodate holidays, peak network traffic, freeze periods, and other NPA relief activities nationwide. A nine (9)-month implementation timeline is recommended to implement the overlay NPA. Beginning implementation at least 15 months before the projected exhaust will enable the new NPA to be operational six months prior to the 912 NPA's projected depletion.[8]

The Industry-recommended dialing plan for the 912 NPA all-services distributed overlay is described in the table below and consistent with the existing 912 NPA dialing plan.

[7] The 912 NPA transitioned to mandatory 10-digit local dialing as of July 15, 2022, due to the implementation of the 988 abbreviated dialing code to reach the 988 Suicide & Crisis Lifeline.

[8] NPA Relief Guidelines (ATIS-0300061, October 28, 2024) at §7.2.

Dialing Plan for the 912 NPA All-Services Distributed Overlay

TYPE OF CALL	CALL TERMINATING IN	DIALING PLAN
Local	Home NPA (HNPA) or Foreign NPA (FNPA)	10 digits (NPA-NXX-XXXX)*
Toll	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 local dialing permissible at each service provider's discretion.

The Industry reached consensus to implement the new relief NPA in accordance with a nine (9)-month schedule as set forth in the following table:

IMPLEMENTATION TIMEFRAME SCHEDULE
for the 912 NPA All-Services Distributed Overlay

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
Earliest Activation of CO codes in the new NPA*	At completion of Customer Education and Network Preparation Period and after all existing 912 NPA CO codes are allocated *Six months prior to exhaust or no later than 4Q2027*

**CO codes in the new NPA will not be assigned until all available CO codes in the existing* 912 *NPA are assigned.*

The Commission's prompt approval of this Instant Petition and adherence to the proposed implementation timeframe schedule will avoid the denial or delay of service to telecommunications providers' customers due to the unavailability of CO codes.

In addition to the Industry-recommended timeframes, NANPA should be provided approximately 75 calendar days from the date of the Commission order (or other written approval) to assign a new NPA, ensure a press release is issued to announce the new NPA,

schedule and facilitate an implementation meeting with the Industry, and publish the Planning Letter(s).[9]

The Industry reached consensus on the following Customer Education and Technical Milestones. These milestones are typically utilized by the Industry for implementation of a new NPA overlay.

CUSTOMER EDUCATION MILESTONES

	ACTION	RESPONSIBILITY
1	Issue single customer notification, (e.g., bill messages, bill inserts, direct mail, text messaging, email)	All Service Providers
2	Issue initial press release announcing the new overlay NPA.	Commission and Service Providers to the extent they are able to do so
3	Send Special letters to Directory Publishers	Co-chairs of Industry committee
4	Update social media with information regarding new overlay NPA.	All Service Providers (optional) and NANPA
5	Update websites with information regarding the overlay NPA.	All Service Providers
6	Develop language for use in Directories to alert the consumers of the new overlay NPA.	Directory Publishers
7	Issue second press release just prior to the new overlay NPA's effective date	Commission and Service Providers to the extent they are able to do so

TECHNICAL MILESTONES

	ACTION	RESPONSIBILITY
1	Obtain industry test code from NANPA and activate the test number	One Service Provider Volunteer
2	Open the test code in carriers' network	All Service Providers
3	Establish NPA Specific type of Trunks	All Service Providers (as needed)

[9] NPA Relief Guidelines at §7.2.

	ACTION	RESPONSIBILITY
	E911 Work Plan	
4	Confirm new Emergency Service Number (ESN)/Numbering Plan Digit (NPD) has been established for the new NPA	E911 Providers
5	Ensure SRDB table has new NPA built	E911 Providers
6	Notify PSAPs, PSALI customers and County Coordinators	E911 Providers
7	Notify Statewide 911 Coordinator	Industry Co-chairs
8	Review and Submit CLEC Trunk Order Requests to local provider if needed	All Service Providers (as needed)
9	Update PSAP equipment to recognize new NPA	PSAP's
10	Trunk Orders Complete	E911 Providers
11	Build E911 Network/Tandem Translations	E911 Providers
12	Verify if all PSAP work has been completed	E911 Providers
13	Activate E911 Network/Tandem Translations	E911 Providers

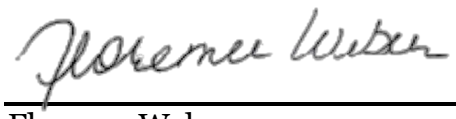
The technical milestones above are typically necessary for implementation of an all-services distributed overlay when mandatory 10-digit dialing is already in place; however, these may need to be modified during the actual implementation.

III. Conclusion

The Industry requests that the Commission issue an order in response to this Instant Petition approving the all-services distributed overlay relief plan for the 912 NPA and the recommended implementation timeframe schedule 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 Instant Petition, the Industry will implement an all-services distributed overlay NPA over the 912 NPA in accordance with the implementation schedule set forth above.

As such, the Industry requests that the Commission grant this Instant Petition no later than July 31, 2026.

Respectfully submitted,



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May 1, 2025

EXHIBIT A

February 21, 2025

To: All 912 NPA Code Holders and Interested Industry Members (Georgia)

Subject: Georgia 912 NPA Initial Planning Document Review Meeting

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The North American Numbering Plan Administrator ("NANPA") is responsible for initiating area code relief in areas within the United States in sufficient time to prevent exhaust of numbering resources before relief is implemented in accordance with the NPA Code Relief Planning and Notification Guidelines (ATIS-0300061). The October 2024 Numbering Resource Utilization/Forecast (NRUF) and NPA Exhaust Analysis ("October 2024 NRUF Report"), published by NANPA, indicated that the 912 NPA would exhaust during the first quarter of 2028. Relief planning for the 912 NPA is to start in the first quarter of 2025.

Accordingly, on March 25, 2025, NANPA will convene an industry NPA relief planning meeting via web conference to review the initial planning document ("IPD") and develop a recommended relief plan for the 912 NPA. The objective of this meeting is to reach consensus among members of the Georgia Telecommunications Industry ("Industry") on a single relief plan for the 912 NPA. The resulting relief plan will be filed in a petition with the Georgia Public Service Commission ("Commission") for their consideration and approval. The industry-recognized consensus process developed by the Alliance for Telecommunications Industry Solutions ("ATIS") will be applied in the decision-making efforts.

Included with this meeting notice is the meeting agenda, consensus process, 912 NPA Central Office ("CO") code and thousands-block status report, relief planning meeting aids, service provider CO code assignments by OCN, rate centers in the 912 NPA, and associated maps. Because there is a relief alternative outlined in this notice that includes the 229 and 478 NPAs, the CO code and thousands-block status reports, Service Provider CO code assignments by OCN, and rate center data are also included for these NPAs.

Because the impacts of NPA relief are so significant, NANPA strongly urges your participation on March 25, 2025. This may be the only Industry meeting before a decision is reached on a recommended relief plan that will be submitted to the Commission for approval. The details of the relief planning meeting are as follows:

Date: Tuesday, March 25, 2025
Time: 1:00 pm, ET; 12:00 pm CT; 11:00 am MT; 10:00 am PT

Join Zoom Meeting
https://somos.zoom.us/j/82425623228?pwd=4CWXHZCf1iq6WRbY4eouaOcYMYx9xw.1&from=addon

Meeting ID: 824 2562 3228

Password: 494177

One tap mobile
8778535257,,82425623228# US Toll-free
8884754499,,82425623228# US Toll-free

Dial by your location
877 853 5257 US Toll-free
888 475 4499 US Toll-free
Meeting ID: 824 2562 3228

If you receive this notice from someone else and would like to receive additional information in the future about the 912 NPA relief project, please sign up for NANPA's NAS-NNS by going to www.nanpa.com, select **Login**, then New User, and complete the sign-up process.

If you have any questions, please contact me at (925) 420-0130 or via email at cmccabe@nanpa.com.

Sincerely,

Cecilia McCabe
NPA Relief Planner
NANPA

cc: Erica Wilson – Georgia Public Service Commission

GEORGIA 912 NPA
INITIAL RELIEF PLANNING MEETING
VIA WEB CONFERENCE

March 25, 2025 - 1:00 PM (ET)

AGENDA

Welcome, Introductions, Consensus Definition / Statements for the record

NANPA's Role and Responsibilities

Review NPA Background and History

Review NPA Status

Review Initial Planning Document and Proposed Alternatives

Review Relief Alternative Pros and Cons

Consensus on Relief Alternative

Consensus on Implementation Intervals

Consensus on Customer Education and Technical Milestones

Consensus on Approval & Filing

Statements for the Record

Posting of 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.

5 NPA Relief Planning Process

NPA Relief Planning Process

The NRUF and other available resources are used to identify projected NPA exhaust. NANPA shall prepare relief options for each NPA projected to exhaust within thirty-six months.

Considerations in the NPA Relief Planning Process include:

a) The relief options shall cover a period of at least 15 years beyond the predicted date of exhaust, and may cover more than one relief activity, if necessary, during the time frame. If the only viable relief option is less than 15 years from the predicted date of exhaust, then NANPA shall provide this relief option.

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, expansion of thousands-block 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 or boundary realignment 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 any relief activity proposed in the plan that requires number changes, it is recommended that customers who undergo number changes shall not be required to change again for a period of 15 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 local 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.[1]

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.[2] 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

[1] Per letter dated 10-29-97 from NANC Chairman to INC Moderator.

[2] In the case of an NPA overlay, cross NPA boundary calls originating from the overlay must be dialed on a 10-digit basis.

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

Through the use of historical growth data as well as expected changes (e.g., expansion of thousands-block 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 (6) 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 (6) 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 (4) weeks of the declaration of jeopardy and will hold an industry NPA Relief Planning meeting no more than eight (8) weeks after the Jeopardy announcement.
- It should be noted that an exhaust date based on a controlled allocation (rationing) is an artificial exhaust projection based on the monthly rationing amount determined by the industry and 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 (4) 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[3]. NANPA shall moderate these meetings or conference calls and be fully prepared to answer questions regarding the alternatives. During the meetings/conference calls, new alternatives may be proposed and shall be considered in these discussions. Inasmuch as the objective of these meetings/conference calls is to reach industry consensus, subsequent meetings/conference calls shall be held as required until consensus is reached, or until NANPA determines consensus cannot be reached.

Alternative Relief Methods

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

[3] 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.

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 Distributed Overlay Method[4]

An all-services distributed 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.[5] 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 all-services distributed 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 eliminates the need for a permissive dialing period as part of implementation. In areas where mandatory 10-digit local dialing is already in place, an overlay eliminates the need for a permissive dialing period as part of implementation. Other potential implementation strategies have been identified for an all-services overlay, but they tend to provide shorter-term relief and/or may require additional technical work for some SPs. They are listed below:

6.3.1 Concentrated Growth Overlay

A concentrated growth overlay may be considered 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 local 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. A concentrated growth overlay may cause customer dialing confusion and additional technical work for some SPs and may require a longer implementation interval.

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 available 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 a considerable amount of relief life left. This solution has the advantage of not immediately requiring a new NPA code, but it also shares a limitation of boundary realignment because it offers shorter-term relief. Further, a boundary elimination overlay may require additional technical work for some SPs and may require a longer implementation interval.

[4] The LNPA Working Group Best Practice 30 supports the all-services distributed 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.

[5] 47 CFR §52.19 (c) (3) (ii).

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. Multiple overlays may require additional technical work for some SPs and may require a longer implementation interval.

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.[6] Such overlays are not feasible where local number portability and/or thousands-block pooling have been implemented. For purposes of relief planning, a technology-specific or service-specific overlay shall not be considered by the NANPA or the industry.

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 distributed overlay.[7]

6.4 Other Relief Methods

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, projected exhaust, and community needs and requirements.

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.

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 completed

[6] 47 CFR §52.19 (c) (4). See also criteria outlined in FCC 01-362 ¶67-94.

[7] See FCC 01-362 ¶ 81-94.

at least six (6) months prior to the projected exhaust of the NPA, but in extraordinary situations, at least three (3) months before the existing NPA would exhaust under the highest growth projections. For overlays, relief is completed when mandatory 10-digit local dialing has been implemented and the new NPA becomes effective.

Annex B

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
- Thousands-Block 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
• Splits maintain a single NPA for each geographic area. This may minimize confusion for customers outside the area.	• With an overlay there will be more than one (1) area code in a geographic area.
• Splits require an NPA change for approximately one-half of customers in a two-way split, and two-thirds of customers in a three-way split.	• An overlay will not require existing customers to change their NPA.
• Geographic splits permit 7-digit dialing within an NPA.	• An overlay requires customers to dial 10 digits (or 1 + 10 digits) for all calls.
• 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 NPA.	• 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.
• Future splits will reduce the geographic size of the NPA.	• An overlay will end further shrinking of the geographic size of the NPA because subsequent relief will likely be another overlay.

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Relief Planning Meeting Aid
Pros and Cons of NPA Relief Planning Alternatives

This meeting aid is a compilation of Industry developed Pros and Cons of relief alternatives from recent NPA relief planning meetings and is prepared to assist the participants in evaluating the attributes of the relief alternatives being considered.

All-Services Distributed Overlay Pros					
Alternative #					
					1 All existing customers would retain the {NPA} area code and would not have to change their telephone number(s)
					2 Does not discriminate against customers on different sides of a boundary line as does a geographic split
					3 Less customer confusion and easier education process
					4 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
					5 Residential customers do not have to update personal printed material such as checks and websites, etc. unless they currently show 7-digit numbers
					6 No need for synchronization of old and new NPAs in NPAC databases as would be required for an NPA split
					7 Minimizes call routing issues, especially with ported numbers
					8 Easier for service providers to implement from a translations, billing and service order system perspective
					9 Minimal data entries handled in national databases such as BIRRDS, LERG and the Terminating Point Master Table
					10 The Commission would not have to decide which side retains the {NPA} area code, as would be required for a geographic split
					11 Does not split cities or counties into different area codes
					12 Does not impact some wireless carriers that have to reprogram handsets manually
					13 No technical impacts to number portability, text messaging or multimedia messaging
					14 An all-services distributed overlay is simpler to implement from both a technical and customer education perspective compared to an NPA split or boundary elimination overlay
					15 Helps move customers toward nationwide 10-digit local dialing
					16 Transitioning to 10-digit local dialing will enable Central Office codes protected for 7-digit dialing routes to be released for assignment
					17 Provides longer life than {insert alternatives}

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Relief Planning Meeting Aid
Pros and Cons of NPA Relief Planning Alternatives

All-Services Distributed Overlay Cons						
Alternative #						
					1	Consistent with FCC regulations, the relief plan would require 10-digit local dialing for all local calls within and between the {NPA} NPA and the new overlay NPA
					2	Financial costs to add new NPA to signage and printed material where only 7-digit number is shown
					3	Customers would have to reprogram any equipment currently programmed to dial 7-digits to dial 10-digits (e.g., alarm systems, PSAP dial systems, security gates, PBXs, life safety systems, computer modems, voicemail systems, fax machines, etc.)
					4	Loss of geographic identity with an overlay if assigned a telephone number in the new NPA
					5	Confusion due to differences in state dialing requirements between local and toll calling; customers dialing 10 digit vs 1+10 digit for local calls

Boundary Elimination Overlay Pros						
Alternative #						
					1	Eliminates the need to open a new NPA
					2	Does not require customers to change their area code
					3	The boundary elimination overlay is a more efficient use of resources
					4	The boundary elimination overlay minimizes call routing issues, especially with ported numbers compared to a geographic split.
					5	No technical impacts to number portability, text messaging or multimedia messaging.
					6	Avoids the need for area code relief planning for a period of {XX}years for {NPA or include multiple NPAs if applicable} NPA{s} or within the state.

Boundary Elimination Overlay Cons						
Alternative #						
					1	Boundary elimination overlay relief alternative(s) have shorter lives than the all-services distributed overlay
					2	Impacts larger quantity of customers than the all-services distributed overlay
					3	Requires customers in either{NPA} or {NPA} NPAs to dial 10 digits where otherwise they wouldn't be subjected to NPA Relief for another {XX} years
					4	Complex customer education process, which would likely lead to increased

						customer confusion
					5	The {NPA} area code customers will need to transition to 10-digit local dialing sooner than would otherwise be required.
					6	A boundary elimination overlay is much more technically complex to implement than an all-services distributed overlay.

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Relief Planning Meeting Aid
Dialing Plans and Implementation Intervals

This meeting aid has examples of Industry developed dialing plans and implementation schedules to assist the participants in their decision of the relief alternatives being considered.

DIALING PLAN OPTIONS

OVERLAY DIALING PLAN (10D)

Type of Call	Call Terminating in	Dialing Plan
Local Call	Home NPA (HNPA) or Foreign NPA (FNPA)	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

OVERLAY DIALING PLAN (1+10D)

Type of Call	Call Terminating in	Dialing Plan
Local Call	Home NPA (HNPA) or Foreign NPA (FNPA)	1+10 digits (1+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)

*10-digit local dialing permissible at each service provider's discretion

GEOGRAPHIC SPLIT DIALING PLAN (7D)

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 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)

Relief Planning Meeting Aid
Dialing Plans and Implementation Intervals

IMPLEMENTATION SCHEDULES

OVERLAY IMPLEMENTATION SCHEDULE – OPTION 1

(10-digit dialing in place)

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
Earliest Activation of CO codes in the new NPA *	At completion of Customer Education and Network Preparation Period and after all existing {NPA} NPA CO codes are allocated ***Six months prior to exhaust or no later than {Insert Quarter and year}***

**CO codes in the new NPA will not be assigned until all available CO codes in the existing {NPA} NPA have been allocated.*

OVERLAY IMPLEMENTATION SCHEDULE – OPTION 2

(10-digit dialing in place)

Event	Timeframe
Customer Education and Network Preparation Period Begins	Implementation Start Date selected by the Industry
Customer Education and Network Preparation Period Ends	8 months after the Implementation Start Date selected by the Industry
Earliest Activation of CO Codes in the new NPA*	1 Month after the completion of Customer Education and Network Preparation Period and after all existing{NPA}NPA CO codes are allocated ***Six months prior to exhaust or no later than {Insert Quarter and year}***

**CO codes in the new NPA will not be assigned until all available CO codes in the existing{NPA} NPA have been allocated.*

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Relief Planning Meeting Aid
Dialing Plans and Implementation Intervals

OVERLAY IMPLEMENTATION SCHEDULE

(7-digit dialing in place)

Event	Timeframe
Network Preparation Period	6 months
Permissive 10-Digit Dialing and Customer Education Period *(Calls within existing {NPA}NPA can be dialed using 7 or 10 digits)* Mandatory 10-digit local dialing period begins at the end of the Permissive Dialing Period	6 months
First CO code activation after Mandatory 10-digit local dialing period begins *(Effective date for CO codes from the new NPA)* *	1 month (after Mandatory Dialing Period begins)
Total Implementation Interval	13 months

**CO codes in the new NPA will not be assigned until all available CO codes in the existing NPA have been allocated.*

GEOGRAPHIC SPLIT IMPLEMENTATION SCHEDULE

Event	Timeframe
Network Preparation Period	6 months
Permissive dialing to the old or new NPA and Customer Education Period *(Calls originating from the home NPA or new NPA and terminating to the home NPA or new NPA can be dialed using 7 or 10 digits.)* Mandatory 10-digit Dialing Period begins at the end of the Permissive Dialing Period	6 months
Recorded Announcement Period	3 months
First CO code activation *(Effective date for CO codes from the new NPA)*	End of Recorded Announcement Period
Total Implementation Interval	15 months

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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 Education Milestones:

				Responsibility
		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 new overlay NPA.	
		5	Update websites with information regarding new overlay NPA	
		6	Develop language for use in Directories to alert the consumers of 10-digit local dialing and the new area code	
			After Permissive 7 and 10-Digit Dialing Begins	
		7	Issue second customer notification (e.g., bill messages, bill inserts, direct mail, text messaging, email)	
		8	Send reminder Special letters to Alarm and Safety, Directory Publishers, Pay Telephone & PSAPs	
		9	Update social media with information regarding new overlay NPA.	
		10	Update websites with information regarding new overlay NPA	
		11	Issue second mandatory press release just prior to the new overlay NPA's effective date	

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Relief Planning Meeting Aid
Customer Education and Technical Milestones

Technical Milestones:

				Responsibility
		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	
			Permissive Dialing Begins	
		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	
			E911 Work Plan	
		12	Confirm new Emergency Service Number (ESN)/Numbering Plan Digit (NPD) has been established for the new NPA	
		13	Ensure SRDB table has new NPA built	
		14	Notify PSAPs, PSALI customers and County Coordinators	
		15	Review and Submit CLEC Trunk Order Requests to local provider if needed	
		16	Update PSAP equipment to recognize new NPA	

		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	

The above are the typical milestones necessary for implementation of a {relief type}; however, these may need to be modified during the actual implementation.

GA 229 Rate Center List		
NPA	**Abbreviated Rate Center**	**Rate Center Full Name**
229	ABBEVILLE	ABBEVILLE
229	ADEL	ADEL
229	ALAPAHA	ALAPAHA
229	ALBANY	ALBANY
229	AMERICUS	AMERICUS
229	ARLINGTON	ARLINGTON
229	ASHBURN	ASHBURN
229	ATTAPULGUS	ATTAPULGUS
229	BACONTON	BACONTON
229	BAINBRIDGE	BAINBRIDGE
229	BARWICK	BARWICK
229	BERLIN	BERLIN
229	BLAKELY	BLAKELY
229	BLUFFTON	BLUFFTON
229	BOSTON	BOSTON
229	BUENAVISTA	BUENA VISTA
229	CAIRO	CAIRO
229	CALVAYRENO	CALVARY-RENO
229	CAMILLA	CAMILLA
229	CEDAR SPG	CEDAR SPRINGS
229	CHATAHOCHE	CHATTAHOOCHEE
229	COLQUITT	COLQUITT
229	COOLIDGE	COOLIDGE
229	CORDELE	CORDELE
229	CUTHBERT	CUTHBERT
229	DAWSON	DAWSON
229	DOERUN	DOERUN
229	DONALSONVL	DONALSONVILLE
229	EDISON	EDISON
229	ELLAVILLE	ELLAVILLE
229	ENIGMA	ENIGMA

GA 229 Rate Center List		
NPA	**Abbreviated Rate Center**	**Rate Center Full Name**
229	FITZGERALD	FITZGERALD
229	FORTGAINES	FORT GAINES
229	FUNSTON	FUNSTON
229	GEORGETOWN	GEORGETOWN
229	HAHIRA	HAHIRA
229	IRON CITY	IRON CITY
229	IRWINVILLE	IRWINVILLE
229	JACKSONVL	JACKSONVILLE
229	JAKIN	JAKIN
229	LAKE PARK	LAKE PARK
229	LAKELAND	LAKELAND
229	LEARY	LEARY
229	LEESBURG	LEESBURG
229	LENOX	LENOX
229	LESLIE	LESLIE
229	LKBLACKSHE	LAKE BLACKSHEAR
229	LUMPKIN	LUMPKIN
229	MCRAE	MCRAE
229	MEIGS	MEIGS
229	MILAN	MILAN
229	MORGAN	MORGAN
229	MORVEN	MORVEN
229	MOULTRIE	MOULTRIE
229	NASHVILLE	NASHVILLE
229	NEWTON	NEWTON
229	NORMANPARK	NORMAN PARK
229	OCHLOCKNEE	OCHLOCKNEE
229	OCILLA	OCILLA
229	OMEGA	OMEGA
229	PARROTT	PARROTT
229	PAVO	PAVO

GA 229 Rate Center List		
NPA	**Abbreviated Rate Center**	**Rate Center Full Name**
229	PELHAM	PELHAM
229	PINEHURST	PINEHURST
229	PINEVIEW	PINEVIEW
229	PITTS	PITTS
229	PLAINS	PLAINS
229	PRESTON	PRESTON
229	QUITMAN	QUITMAN
229	RAY CITY	RAY CITY
229	REBECCA	REBECCA
229	REYNOLDSVL	REYNOLDSVILLE
229	RHINE	RHINE
229	RICHLAND	RICHLAND
229	ROCHELLE	ROCHELLE
229	SASSER	SASSER
229	SHELLMAN	SHELLMAN
229	SMITHVILLE	SMITHVILLE
229	SPARKS	SPARKS
229	SYLVESTER	SYLVESTER
229	THOMASVL	THOMASVILLE
229	TIFTON	TIFTON
229	VALDOSTA	VALDOSTA
229	VIENNA	VIENNA
229	WARWICK	WARWICK
229	WHIGHAM	WHIGHAM

GA 478 Rate Center List		
NPA	**Abbreviated Rate Center**	**Rate Center Full Name**
478	ADRIAN	ADRIAN
478	BARTOW	BARTOW
478	BUTLER	BUTLER
478	BYROMVILLE	BYROMVILLE
478	BYRON	BYRON
478	CADWELL	CADWELL
478	CEDARGROVE	CEDAR GROVE
478	CENTERVL	CENTERVILLE (HOUSTON)
478	CHESTER	CHESTER
478	COCHRAN	COCHRAN
478	CULLODEN	CULLODEN
478	DANVILLE	DANVILLE
478	DAVISBORO	DAVISBORO
478	DEXTER	DEXTER
478	DUBLIN	DUBLIN
478	DUDLEY	DUDLEY
478	EASTMAN	EASTMAN
478	FORSYTH	FORSYTH
478	FORTVALLEY	FORT VALLEY
478	GORDON	GORDON
478	GRAY	GRAY
478	HADDOCK	HADDOCK
478	HAWKINSVL	HAWKINSVILLE
478	IDEAL	IDEAL
478	IRWINTON	IRWINTON
478	JEFFERSNVL	JEFFERSONVILLE
478	KITE	KITE
478	LIZELLA	LIZELLA
478	LKSINCLAIR	LAKE SINCLAIR
478	LOUISVILLE	LOUISVILLE
478	MACON	MACON

GA 478 Rate Center List		
NPA	**Abbreviated Rate Center**	**Rate Center Full Name**
478	MARSHALLVL	MARSHALLVILLE
478	MIDVILLE	MIDVILLE
478	MILLEDGEVL	MILLEDGEVILLE
478	MILLEN	MILLEN
478	MONTEZUMA	MONTEZUMA
478	MONTROSE	MONTROSE
478	PERRY	PERRY
478	RENTZ	RENTZ
478	REYNOLDS	REYNOLDS
478	ROBERTA	ROBERTA
478	SANDERSVL	SANDERSVILLE
478	SARDIS	SARDIS
478	SWAINSBORO	SWAINSBORO
478	TOOMSBORO	TOOMSBORO
478	TWIN CITY	TWIN CITY
478	UNADILLA	UNADILLA
478	WADLEY	WADLEY
478	WARNERRBNS	WARNER ROBINS
478	WRIGHTSVL	WRIGHTSVILLE

GA 912 Rate Center List		
NPA	**Abbreviated Rate Center**	**Rate Center Full Name**
912	ALAMO	ALAMO
912	ALMA	ALMA
912	ANDERSON	ANDERSON
912	BAXLEY	BAXLEY
912	BLACKSHEAR	BLACKSHEAR
912	BROOKLET	BROOKLET
912	BROXTON	BROXTON
912	BRUNSWICK	BRUNSWICK
912	CLAXTON	CLAXTON
912	CLITO	CLITO
912	COBBTOWN	COBBTOWN
912	COLLINS	COLLINS
912	DARIEN	DARIEN
912	DOUGLAS	DOUGLAS
912	DOVER	DOVER
912	ELLABELLE	ELLABELLE
912	EULONIA	EULONIA
912	FARGO	FARGO
912	FOLKSTON	FOLKSTON
912	GLENNVILLE	GLENNVILLE
912	GLENWOOD	GLENWOOD
912	GUYTON	GUYTON
912	HAZLEHURST	HAZLEHURST
912	HILLTONIA	HILLTONIA
912	HINESVILLE	HINESVILLE
912	HOBOKEN	HOBOKEN
912	HOMERVILLE	HOMERVILLE
912	HORTENSE	HORTENSE
912	JEKYLL IS	JEKYLL ISLAND
912	JESUP	JESUP
912	JOHNSONCOR	JOHNSON CORNER

GA 912 Rate Center List		
NPA	**Abbreviated Rate Center**	**Rate Center Full Name**
912	LEXSY	LEXSY
912	LUDOWICI	LUDOWICI
912	LUMBERCITY	LUMBER CITY
912	LYONS	LYONS
912	METTER	METTER
912	MIDWAY	MIDWAY
912	MT VERNON	MOUNT VERNON
912	NAHUNTA	NAHUNTA
912	NEVILS	NEVILS
912	NEWINGTON	NEWINGTON
912	NICHOLLS	NICHOLLS
912	OAK PARK	OAK PARK
912	ODUM	ODUM
912	PATTERSON	PATTERSON
912	PEARSON	PEARSON
912	PEMBROKE	PEMBROKE
912	POOLER	POOLER
912	PORTAL	PORTAL
912	REGISTER	REGISTER
912	REIDSVILLE	REIDSVILLE
912	RICHMONDHL	RICHMOND HILL
912	RINCON	RINCON
912	SAPELO IS	SAPELO ISLAND
912	SAVANNAH	SAVANNAH
912	SCREVEN	SCREVEN
912	SO GUYTON	SOUTH GUYTON
912	SOPERTON	SOPERTON
912	SPRINGFLD	SPRINGFIELD
912	ST GEORGE	SAINT GEORGE
912	ST MARYS	SAINT MARYS
912	STATESBORO	STATESBORO

GA 912 Rate Center List		
NPA	**Abbreviated Rate Center**	**Rate Center Full Name**
912	STILSON	STILSON
912	STSIMONSIS	SAINT SIMONS ISLAND
912	SYLVANIA	SYLVANIA
912	TYBEE IS	TYBEE ISLAND
912	UVALDA	UVALDA
912	VIDALIA	VIDALIA
912	WAYCROSS	WAYCROSS
912	WAYNESVL	WAYNESVILLE
912	WILLACOCHE	WILLACOOCHEE

GA 229 NPA Code Holder List

Company	OCN	NXX Count
AT&T - LOCAL	7421	1
AT&T CORP.	516C	4
BANDWIDTH.COM CLEC, LLC - GA	983E	4
BELLSOUTH TELECOMM INC DBA SOUTH CENTRAL BELL TEL	9419	1
BELLSOUTH TELECOMM INC DBA SOUTHERN BELL TEL & TEL	9417	76
CALLWORKS CORPORATION	475J	1
CELLCO PARTNERSHIP DBA VERIZON WIRELESS - GA	6540	69
CITIZENS TEL. CO., INC.	0355	4
CITY OF ALBANY D/B/A ALBANY UTILITY BOARD	720H	1
CITY OF THOMASVILLE	6145	11
COMCAST IP PHONE, LLC	318J	1
COMMIO, LLC	939H	4
COMSOUTH TELENET, INC. - GA	9161	1
CONSOLIDATED COMMUNICATIONS OF FLORIDA COMPANY	0291	1
CSC WIRELESS, LLC	425J	1
DISH WIRELESS, LLC	490J	1
FRACTEL, LLC	965H	5
GEORGIA WINDSTREAM, INC.	4425	13
HARGRAY OF GEORGIA, INC. - GA	8900	3
IP HORIZON LLC	515J	1
LEVEL 3 COMMUNICATIONS, LLC - GA	6116	25
MCC TELEPHONY LLC	593K	46
MCIMETRO ACCESS TRANSMISSION SERVICES LLC - GA	7435	3
METROPCS, INC.	5562	8
NEW CINGULAR WIRELESS PCS, LLC - GA	6214	97
NUSO, LLC	478J	1
NUSO, LLC	732J	1
ONVOY SPECTRUM, LLC	624H	11
ONVOY, LLC - GA	067D	65
PAETEC ITEL, LLC	829J	10
PINELAND COMMUNICATIONS, INC. - GA	458G	4
PLANT TEL. CO.	0379	4
PLANT TELENET, INC. - GA	841E	2
POWERTEL ATLANTA LICENSES, INC.	7473	25
PUBLIC SERVICE WIRELESS SERVICES, INC.	901G	1
QUINCY TEL CO	0338	1
SKYE TELECOM LLC DBA SKYETEL	622J	3
SOUTHERN COMMUNICATIONS SERVICES, INC.	6744	18
TELEPORT COMMUNICATIONS AMERICA, LLC - GA	8392	3
TELNYX LLC	073H	2

GA 229 NPA Code Holder List

TERRA NOVA TELECOM INC.	145J	1
TON80 COMMUNICATIONS, LLC	516J	11
TWILIO INTERNATIONAL, INC.	506J	1
VONAGE AMERICA LLC	197D	1
WINDSTREAM GEORGIA COMMUNICATIONS CORP.	4332	68
WINDSTREAM GEORGIA TELEPHONE, INC.	0364	6
WINDSTREAM GEORGIA, INC.	0357	4

Block holders with No CO Codes Assigned

Company	OCN
BRIGHT HOUSE NTWS INFORMATION SVCS (ALABAMA) - GA	011F
CENTURYLINK COMMUNICATIONS, LLC	508J
MCIMETRO ACCESS TRANSMISSION SERVICES LLC	7229
POWERTEL BIRMINGHAM LICENSES, INC.	7475

GA 478 NPA Code Holder List

Company	OCN	NXX Count
AT&T - LOCAL	7421	1
AT&T CORP.	516C	4
BANDWIDTH.COM CLEC, LLC - GA	983E	13
BELLSOUTH TELECOMM INC DBA SOUTHERN BELL TEL & TEL	9417	69
BROADRIVER COMMUNICATION CORPORATION - GA	0173	1
CALLWORKS CORPORATION	475J	1
CELLCO PARTNERSHIP DBA VERIZON WIRELESS - GA	6540	51
CENTURYLINK COMMUNICATIONS, LLC	508J	1
CHARTER IP ENABLED SERVICES, LLC	792K	4
COMCAST IP PHONE, LLC	318J	9
COMMIO, LLC	939H	1
COMSOUTH TELECOMMUNICATIONS, INC.	0369	3
COMSOUTH TELENET, INC. - GA	9161	5
CSC WIRELESS, LLC	425J	1
DISH WIRELESS, LLC	490J	1
FRACTEL, LLC	965H	5
GEORGIA WINDSTREAM, INC.	4425	7
HARGRAY OF GEORGIA, INC. - GA	8900	1
HD CARRIER LLC	321J	1
IP HORIZON LLC	515J	1
LEAP TELECOM, LLC	616J	1
LEVEL 3 COMMUNICATIONS, LLC - GA	6116	19
MCC TELEPHONY LLC	593K	1
MCIMETRO ACCESS TRANSMISSION SERVICES LLC - GA	7435	1
METROPCS, INC.	5562	10
NEW CINGULAR WIRELESS PCS, LLC - GA	6214	34
NUSO, LLC	478J	1
NUSO, LLC	551G	1
NUSO, LLC	732J	2
ONVOY SPECTRUM, LLC	624H	7
ONVOY, LLC - GA	067D	45
PAETEC ITEL, LLC	829J	13
PEERLESS NETWORK OF GEORGIA, LLC - GA	909E	1
PINELAND COMMUNICATIONS, INC. - GA	458G	4
PINELAND TEL. COOP., INC.	0377	6
PORTA-PHONE DIV OF JOHN H. PHIPPS DBA AM MESG SVC	6771	2
POWERTEL ATLANTA LICENSES, INC.	7473	21
PROGRESSIVE RURAL TEL. COOP., INC.	0380	7
PUBLIC SERVICE TEL. CO.	0381	6
PUBLIC SERVICE WIRELESS SERVICES, INC.	901G	1

GA 478 NPA Code Holder List

SKYE TELECOM LLC DBA SKYETEL	622J	1
SOUTHERN COMMUNICATIONS SERVICES, INC.	6744	9
STRATUS NETWORKS	495J	2
TELEPORT COMMUNICATIONS AMERICA, LLC - GA	8392	5
TELNYX LLC	073H	4
TERRA NOVA TELECOM INC.	145J	2
TON80 COMMUNICATIONS, LLC	516J	4
TWILIO INTERNATIONAL, INC.	506J	1
VONAGE AMERICA LLC	197D	1
WINDSTREAM ACCUCOMM TELECOMMUNICATIONS, INC.	0395	4
WINDSTREAM GEORGIA COMMUNICATIONS CORP.	4332	18
WINDSTREAM GEORGIA, INC.	0357	3

Block holders with No CO Codes Assigned

Company	OCN
SOUTH CAROLINA NET, INC. DBA SPIRIT TELECOM - GA	898E

GA 912 NPA Code Holder List

Company	OCN	NXX Count
AL-CALL, INC. - GA	3622	12
ALMA TEL. CO., INC.	0344	3
AT&T - LOCAL	7421	1
AT&T CORP.	516C	4
BANDWIDTH.COM CLEC, LLC - GA	983E	22
BELLSOUTH TELECOMM INC DBA SOUTHERN BELL TEL & TEL	9417	84
BRANTLEY TEL. CO., INC.	0347	4
BRIGHTSPEED OF GEORGIA, LLC	0356	15
BULLOCH CELLULAR, INC. - GA	079G	1
BULLOCH COUNTY RURAL TEL. COOP., INC.	0348	6
CALLWORKS CORPORATION	475J	1
CAMDEN TEL. & TEL. CO., INC.	0351	6
CELLCO PARTNERSHIP DBA VERIZON WIRELESS - GA	6540	86
CENTURYLINK COMMUNICATIONS, LLC	508J	1
COMCAST IP PHONE, LLC	318J	19
COMMIO, LLC	939H	3
COMSOUTH TELENET, INC. - GA	9161	3
CORETEL GEORGIA, INC. - GA	052G	6
CSC WIRELESS, LLC	425J	1
DARIEN TEL. CO., INC.	0358	3
DISH WIRELESS, LLC	490J	1
EXIANT COMMUNICATIONS LLC	114J	1
FRACTEL, LLC	965H	8
FRONTIER COMMUNICATIONS OF GEORGIA, LLC	0387	8
GEORGIA WINDSTREAM, INC.	4425	22
GLENWOOD TEL. CO.	0365	1
HARGRAY OF GEORGIA, INC. - GA	8900	3
HD CARRIER LLC	321J	2
INVOXIO INCORPORATED	158H	2
IP HORIZON LLC	515J	1
LEAP TELECOM, LLC	616J	1
LEVEL 3 COMMUNICATIONS, LLC - GA	6116	22
MCC TELEPHONY LLC	593K	6
MCIMETRO ACCESS TRANSMISSION SERVICES LLC - GA	7435	2
METROPCS, INC.	5562	8
NEW CINGULAR WIRELESS PCS, LLC - GA	6214	118
NUSO, LLC	478J	1
NUSO, LLC	551G	1
NUSO, LLC	732J	2
ONVOY SPECTRUM, LLC	624H	4

GA 912 NPA Code Holder List

ONVOY, LLC - GA	067D	43
PAETEC ITEL, LLC	829J	11
PEERLESS NETWORK OF GEORGIA, LLC - GA	909E	5
PEMBROKE TEL. CO., INC.	0376	4
PINELAND COMMUNICATIONS, INC. - GA	458G	1
PINELAND TEL. COOP., INC.	0377	4
PLANT TEL. CO.	0379	3
PLANTERS COMMUNICATIONS, LLC - GA	692E	3
PLANTERS RURAL TEL. COOP., INC.	0378	5
POWERTEL ATLANTA LICENSES, INC.	7473	38
POWERTEL JACKSONVILLE LICENSES, INC.	7472	2
SKYE TELECOM LLC DBA SKYETEL	622J	2
SOUTH CAROLINA NET, INC. DBA SPIRIT TELECOM - GA	898E	2
SOUTHERN COMMUNICATIONS SERVICES, INC.	6744	19
STRATUS NETWORKS	495J	1
SUNCOM DBA T-MOBILE USA	8645	2
TELEPORT COMMUNICATIONS AMERICA, LLC - GA	8392	11
TELNYX LLC	073H	3
TERRA NOVA TELECOM INC.	145J	1
TON80 COMMUNICATIONS, LLC	516J	14
TWILIO INTERNATIONAL, INC.	506J	1
VOIP INNOVATIONS, LLC	597F	1
VONAGE AMERICA LLC	197D	1
WINDSTREAM GEORGIA COMMUNICATIONS CORP.	4332	9
WIRETAP TELECOM, LLC.	733J	1

Central Office Code/Thousands-Block Summary
(Data as of February 20, 2025*)

	Assigned NXXs	Reserved NXXs	Unavailable NXXs	Available NXXs	Total	
229 NPA	624	0	26	150	**800**	
478 NPA	417	0	17	366	**800**	
912 NPA	682	0	14	104	**800**	

Codes Assignment History	2020	2021	2022	2023	2024	2025*
229 NPA	15	48	24	36	25	2
478 NPA	8	28	14	17	12	4
912 NPA	30	43	32	36	33	1

Codes Assigned (Time period: 4/1/24 - 2/20/25)	Pool Replenishment	Dedicated Customers	For LRNs	Total		
229 NPA	20	0	1	**21**		
478 NPA	11	0	1	**12**		
912 NPA	22	0	2	**24**		

Codes Forecasted for next 12 months	Pool Replenishment and Dedicated Customers	LRNs	Total			
229 NPA	29	0	**29**			
478 NPA	11	0	**11**			
912 NPA	18	0	**18**			

Thousands-Blocks	Blocks Assigned (Time period: 4/1/24 - 2/20/25)		Blocks Available*			
229 NPA	238		660			
478 NPA	141		274			
912 NPA	312		404			

Rate Centers	Mandatory	Mandatory Single Service Provider	Optional	Excluded	Total	
229 NPA	0	0	86	0	**86**	
478 NPA	1	1	47	1	**50**	
912 NPA	0	0	61	10	**71**	

Exhaust	Based on the October 2024 NRUF and NPA Exhaust Analysis, the 912 NPA is projected to exhaust in 1Q2028, the 478 NPA is projected to exhaust in 2Q2048 and the 229 NPA is projected to exhaust in 4Q2029.

Note: Unavailable indicates codes that are unavailable for assignment. These codes include, but are not limited to, test and special use codes (e.g., 958, 959, 555), N11 and other unique codes (e.g., 976, 950) and codes with special dialing arrangements (e.g., 7-digit dialing across NPA boundary).

Initial Planning Document

for

Relief of Georgia 912 NPA

March 25, 2025

North American Numbering Plan Administrator

Cecilia McCabe
NPA Relief Planner

912 NPA Background Information

Relief Planning Background and Assumptions:
The 404 NPA was assigned in 1947 to serve the entire state of Georgia. In 1954, the 912 NPA was assigned to serve the southern half of the state. In 2000, the 912 NPA was split into three NPA areas, introducing the 229 NPA serving the western region and the 478 NPA serving the northern region of the original 912 NPA geographic area. The 912 NPA currently serves southeastern Georgia.

Cities in the 912 NPA include but are not limited to Brunswick, Douglas, Hinesville, Kingsland, Pooler, Richmond Hill, Saint Marys, Savannah, Statesboro, Waycross and many other smaller communities.

Exhaust Forecast:
The October 2024 Numbering Resource Utilization/Forecast ("NRUF") and NPA Exhaust Analysis ("October 2024 NRUF Report"), published by NANPA, projects that the 912 NPA will exhaust during the first quarter of 2028.

The October 2024 NRUF Report also projects that the 229 NPA will exhaust during the fourth quarter of 2029 and the 478 NPA will exhaust during the second quarter of 2048. These NPAs are included in a possible alternative for relief contained in this Initial Planning Document ("IPD").

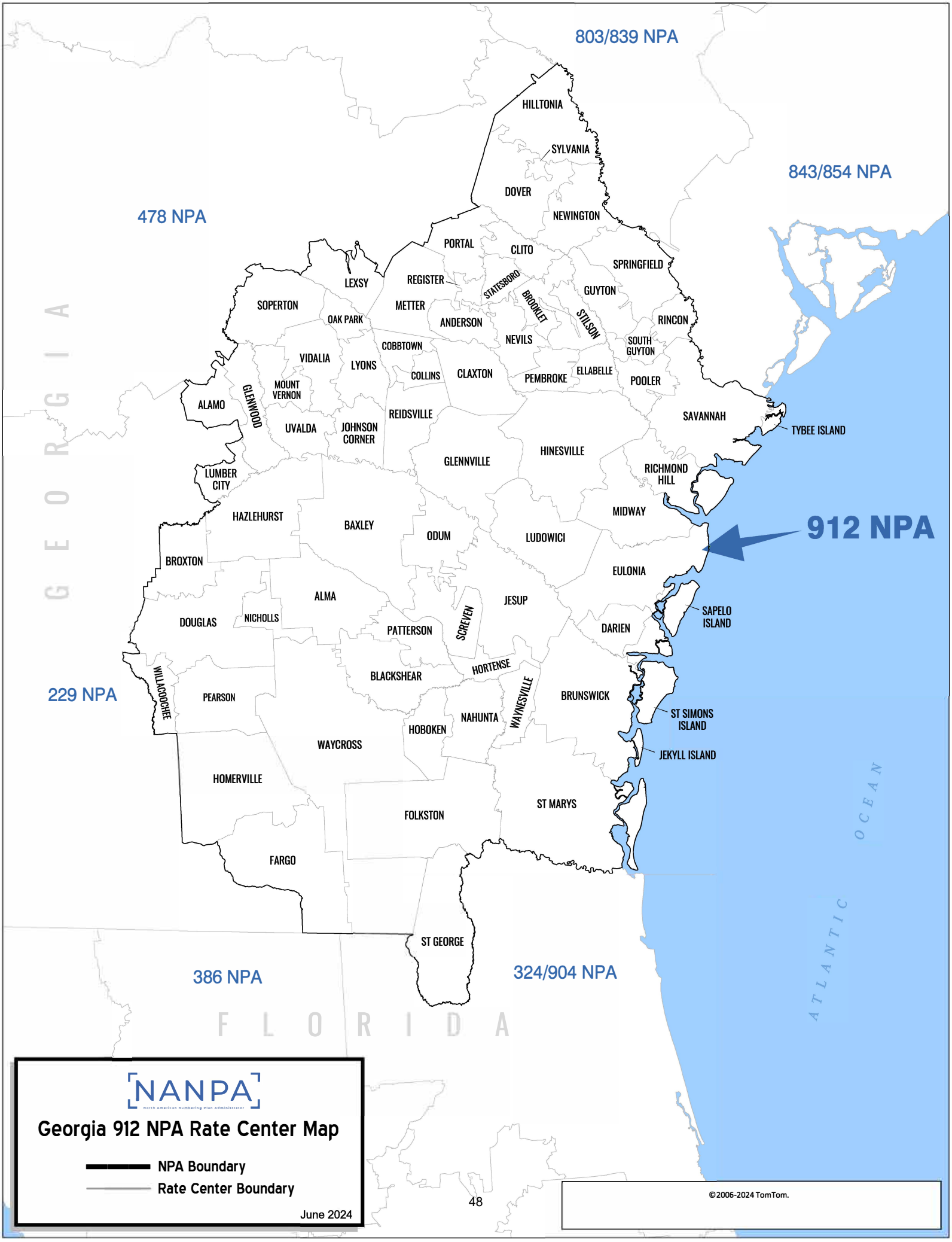
CURRENT DIALING PLAN OF THE 912 and 478 NPAs

Type of Call	Call Terminating in	Dialing Plan
Local Call	Home NPA (HNPA) and Foreign NPA (FNPA)	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 service provider discretion.

CURRENT DIALING PLAN OF THE 229 NPA

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 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)


803/839 NPA
843/854 NPA
478 NPA
229 NPA
386 NPA
324/904 NPA
912 NPA
GEORGIA
FLORIDA
ATLANTIC OCEAN
HILLTONIA
SYLVANIA
DOVER
NEWINGTON
PORTAL
CLITO
SPRINGFIELD
LEXSY
REGISTER
STATESBORO
BROOKLET
GUYTON
SOPERTON
METTER
OAK PARK
ANDERSON
STILSON
RINCON
NEVILS
SOUTH GUYTON
COBBTOWN
VIDALIA
LYONS
COLLINS
CLAXTON
PEMBROKE
ELLABELLE
POOLER
MOUNT VERNON
GLENWOOD
ALAMO
REIDSVILLE
SAVANNAH
TYBEE ISLAND
UVALDA
JOHNSON CORNER
HINESVILLE
GLENNVILLE
RICHMOND HILL
LUMBER CITY
MIDWAY
HAZLEHURST
BAXLEY
ODUM
LUDOWICI
BROXTON
EULONIA
ALMA
JESUP
SAPELO ISLAND
DOUGLAS
NICHOLLS
PATTERSON
SCREVEN
DARIEN
BLACKSHEAR
HORTENSE
WILLACOOCHEE
PEARSON
BRUNSWICK
WAYNESVILLE
ST SIMONS ISLAND
NAHUNTA
HOBOKEN
JEKYLL ISLAND
WAYCROSS
HOMERVILLE
ST MARYS
FOLKSTON
FARGO
ST GEORGE
NANPA
North American Numbering Plan Administrator
Georgia 912 NPA Rate Center Map
NPA Boundary
Rate Center Boundary
June 2024
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GEORGIA 912 NUMBERING PLAN AREA (NPA) RELIEF ALTERNATIVES

NPA Established: 1954

ALTERNATIVE DESCRIPTIONS

ALTERNATIVE #1 – ALL-SERVICES DISTRIBUTED OVERLAY

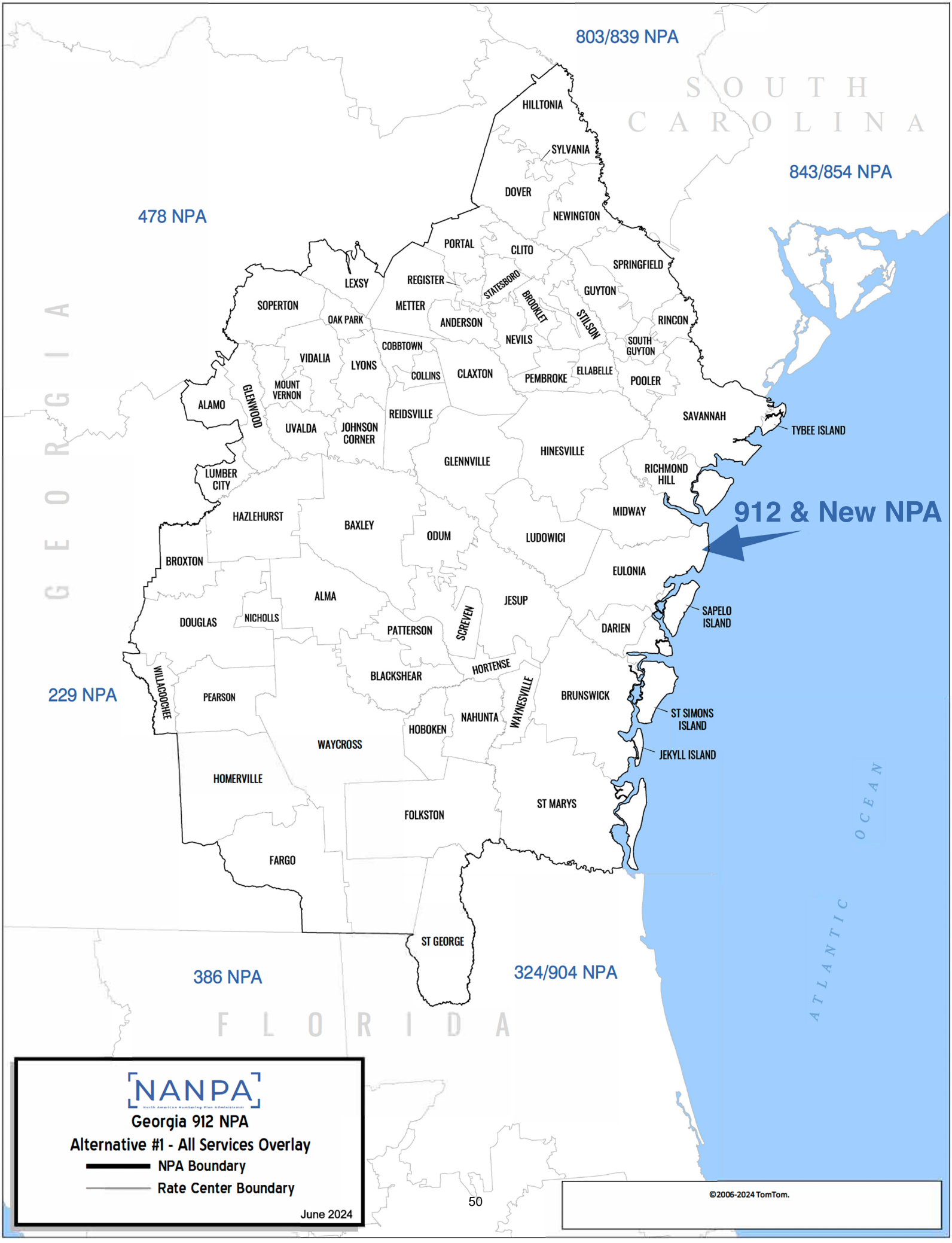
A new NPA will be assigned to the existing 912 NPA geographic area. Central Office ("CO") codes in the new NPA will be assigned upon request once all available CO codes in the 912 NPA are exhausted. Customers will retain their current phone numbers, with mandatory 10-digit local dialing being required for all calls within and between the 912 NPA and the new overlay NPA. There are a total of 71 rate centers in the 912 NPA. This alternative has a projected life of 22 years based on the current assignment rate.

ALTERNATIVE #2 – NPA BOUNDARY ELIMINATION OVERLAY OF THE 912, 229 and 478 NPAs WITH THE ADDITION OF A NEW OVERLAY NPA

The boundaries between the 912, 229, and 478 NPAs will be eliminated, and a new overlay NPA will be introduced. Existing customers in these NPAs will retain their current phone numbers but must transition to mandatory 10-digit local dialing for all calls within and between the affected NPAs and the new overlay. While the 912 and 478 NPAs already utilize 10-digit local dialing, the 229 NPA will need to transition from 7-digit to 10-digit local dialing with this alternative.

Upon implementation, available CO codes in the 229 and 478 NPAs may be assigned in the 912 NPA area, and vice versa. CO codes from the new overlay NPA will be assigned only after exhausting all available CO codes in the existing NPAs.

This plan will create a unified NPA area with 207 rate centers, standardizing 10-digit local dialing statewide. It extends the projected lifespan of the 229 NPA by 14 years, deferring the need for relief planning, which is expected to begin in the fourth quarter of 2029. However, it shortens the projected lifespan of the 478 NPA by five years. This relief alternative would save an NPA from being assigned for relief of the 229 NPA in the near future. At the current assignment rate, this alternative has a projected life of 15 years.


803/839 NPA
SOUTH CAROLINA
843/854 NPA
478 NPA
GEORGIA
229 NPA
386 NPA
324/904 NPA
FLORIDA
ATLANTIC OCEAN
912 & New NPA
HILLTONIA
SYLVANIA
DOVER
NEWINGTON
PORTAL
CLITO
SPRINGFIELD
LEXSY
REGISTER
STATESBORO
BROOKLET
GUYTON
SOPERTON
METTER
OAK PARK
ANDERSON
STILSON
RINCON
NEVILS
SOUTH GUYTON
COBBTOWN
VIDALIA
LYONS
COLLINS
CLAXTON
PEMBROKE
ELLABELLE
POOLER
MOUNT VERNON
GLENWOOD
ALAMO
REIDSVILLE
SAVANNAH
TYBEE ISLAND
UVALDA
JOHNSON CORNER
HINESVILLE
GLENNVILLE
RICHMOND HILL
LUMBER CITY
MIDWAY
HAZLEHURST
BAXLEY
ODUM
LUDOWICI
BROXTON
EULONIA
ALMA
JESUP
SAPELO ISLAND
DOUGLAS
NICHOLLS
PATTERSON
SCREVEN
DARIEN
BLACKSHEAR
HORTENSE
WILLACOOCHEE
PEARSON
WAYNESVILLE
BRUNSWICK
ST SIMONS ISLAND
NAHUNTA
HOBOKEN
WAYCROSS
JEKYLL ISLAND
HOMERVILLE
ST MARYS
FOLKSTON
FARGO
ST GEORGE
NANPA
North American Numbering Plan Administrator
Georgia 912 NPA
Alternative #1 - All Services Overlay
NPA Boundary
Rate Center Boundary
June 2024
©2006-2024 TomTom.

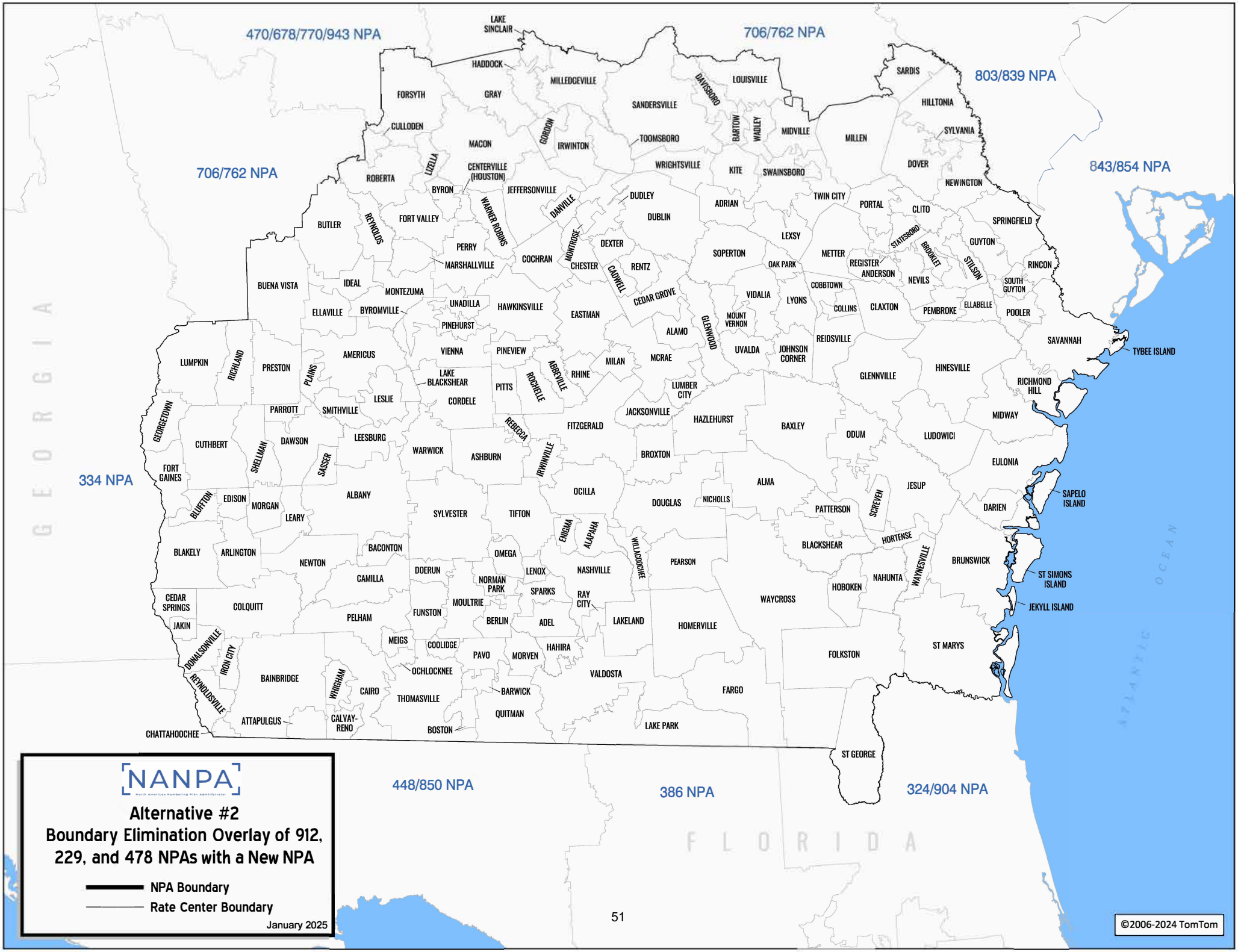

470/678/770/943 NPA
706/762 NPA
706/762 NPA
803/839 NPA
843/854 NPA
334 NPA
448/850 NPA
386 NPA
324/904 NPA
GEORGIA
FLORIDA
ATLANTIC OCEAN
LAKE SINCLAIR
HADDOCK
MILLEDGEVILLE
LOUISVILLE
SARDIS
HILLTONIA
SYLVANIA
FORSYTH
GRAY
SANDERSVILLE
DAVISBORO
BARTOW
WADLEY
MIDVILLE
MILLEN
CULLODEN
MACON
GORDON
IRWINTON
TOOMSBORO
DOVER
LIZELLA
CENTERVILLE (HOUSTON)
WRIGHTSVILLE
KITE
SWAINSBORO
NEWINGTON
ROBERTA
BYRON
JEFFERSONVILLE
DANVILLE
DUDLEY
ADRIAN
TWIN CITY
PORTAL
CLITO
SPRINGFIELD
BUTLER
REYNOLDS
FORT VALLEY
WARNER ROBINS
DUBLIN
LEXSY
STATESBORO
BROOKLET
GUYTON
PERRY
MARSHALLVILLE
COCHRAN
MONTROSE
DEXTER
CHESTER
CADWELL
RENTZ
SOPERTON
OAK PARK
METTER
REGISTER
ANDERSON
STILSON
RINCON
BUENA VIEW
IDEAL
MONTEZUMA
CEDAR GROVE
VIDALIA
LYONS
COBBTOWN
NEVILS
SOUTH GUYTON
ELLAVILLE
BYROMVILLE
UNADILLA
HAWKINSVILLE
EASTMAN
COLLINS
CLAXTON
PEMBROKE
ELLABELLE
POOLER
PINEHURST
ALAMO
GLENWOOD
MOUNT VERNON
REIDSVILLE
SAVANNAH
TYBEE ISLAND
LUMPKIN
RICHLAND
PRESTON
PLAINS
AMERICUS
VIENNA
PINEVIEW
MILAN
MCRAE
UVALDA
JOHNSON CORNER
LAKE BLACKSHEAR
PITTS
ROCHELLE
ABBEVILLE
RHINE
LUMBER CITY
GLENNVILLE
HINESVILLE
RICHMOND HILL
GEORGETOWN
PARROTT
SMITHVILLE
LESLIE
CORDELE
JACKSONVILLE
HAZLEHURST
BAXLEY
ODUM
LUDOWICI
MIDWAY
CUTHBERT
DAWSON
LEESBURG
WARWICK
ASHBURN
REBECCA
FITZGERALD
IRWINVILLE
BROXTON
EULONIA
FORT GAINES
SHELLMAN
SASSER
ALBANY
OCILLA
ALMA
JESUP
SAPELO ISLAND
BLUFFTON
EDISON
MORGAN
LEARY
SYLVESTER
TIFTON
DOUGLAS
NICHOLLS
PATTERSON
SCREVEN
DARIEN
ENIGMA
ALAPAHA
WILLACOOCHEE
BLACKSHEAR
HORTENSE
BLAKELY
ARLINGTON
BACONTON
NEWTON
OMEGA
PEARSON
BRUNSWICK
CAMILLA
DOERUN
LENOX
NASHVILLE
NORMAN PARK
SPARKS
RAY CITY
NAHUNTA
WAYNESVILLE
ST SIMONS ISLAND
HOBOKEN
CEDAR SPRINGS
COLQUITT
MOULTRIE
WAYCROSS
JEKYLL ISLAND
PELHAM
FUNSTON
BERLIN
ADEL
LAKELAND
HOMERVILLE
JAKIN
MEIGS
COOLIDGE
PAVO
MORVEN
HAHIRA
FOLKSTON
ST MARYS
DONALSONVILLE
IRON CITY
OCHLOCKNEE
VALDOSTA
REYNOLDSVILLE
BAINBRIDGE
WHIGHAM
CAIRO
THOMASVILLE
BARWICK
FARGO
ATTAPULGUS
CALVAY-RENO
QUITMAN
CHATTAHOOCHEE
BOSTON
LAKE PARK
ST GEORGE
NANPA
Alternative #2
Boundary Elimination Overlay of 912, 229, and 478 NPAs with a New NPA
NPA Boundary
Rate Center Boundary
January 2025
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EXHIBIT B

April 10, 2025

To: All 912 NPA Code Holders and Interested Industry Members (Georgia)

Subject: Final minutes of the Initial Relief Planning Meeting for the 912 NPA

Attached are the final minutes from the March 25, 2025, Georgia 912 NPA initial relief planning meeting. These minutes became final on April 9, 2025.

If you have any questions, I can be reached by phone at (925) 420-0130 or contact me by email at cmccabe@nanpa.com.

Sincerely,

Cecilia McCabe
NPA Relief Planner
NANPA

cc: Erica Wilson – Georgia Public Service Commission

GEORGIA 912 NPA
INITIAL RELIEF PLANNING MEETING
VIA WEB CONFERENCE
FINAL MINUTES
March 25, 2025

WELCOME, INTRODUCTIONS & AGENDA REVIEW
Cecilia McCabe, NPA Relief Planner–NANPA, welcomed the participants and reviewed the objective of the meeting. A list of attendees can be found in Attachment #1. Cecilia then reviewed the agenda.

REVIEW CONSENSUS PROCESS
Cecilia stated that the Alliance for Telecommunications Industry Solutions ("ATIS") 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.

NANPA's ROLE AND RESPONSIBILITIES
Cecilia reviewed NANPA's role and responsibilities as follows:

- Starts the relief planning process 36 months prior to the projected exhaust of the NPA.
- Distributes the Initial Planning Document ("IPD") at least four weeks prior to the first industry meeting, which was completed on February 21, 2025.
- Facilitates the meeting, permitting the telecommunications Industry of Georgia ("Industry") to reach consensus on the relief alternative to be included in the regulatory filing.
- Determines any additional items to include in the relief filing with the Georgia Public Service Commission ("Commission") such as the implementation intervals, dialing plan, and compliance with any state-specific requirements.
- Then, NANPA is charged with the responsibility of filing a relief petition on behalf of the Industry with the Commission. Once the Industry comes to consensus on what should be included in the filing, NANPA will complete the regulatory filing as decided by the Industry or as required by state statute.

BACKGROUND/HISTORY OF 912 NPA
On March 14, 2025, NANPA issued a Delta Numbering Resource Utilization/Forecast ("NRUF") which shows a change in the projected exhaust that occurred due to a decrease in Central Office ("CO") code assignments since the October 2024 NRUF and NPA Exhaust Analysis ("October 2024 NRUF Report") was published. The 912 NPA projected exhaust date moved from the first quarter of 2028 to the second quarter of 2028. The projected exhaust dates also moved out for the 229 and 478 NPAs which are included in one of the relief alternatives. The projected exhaust date of the 229 NPA moved from the fourth quarter of 2029 to the third

quarter of 2030 and the 478 NPA projected exhaust date moved from the second quarter of 2048 to the second quarter of 2050.

REVIEW NPA CODE RELIEF PLANNING AND NOTIFICATION GUIDELINES ("Guidelines")

Cecilia reviewed pertinent sections of the Guidelines (ATIS-0300061).

Cecilia reviewed Section 5.0, which states:

The relief options shall cover a period of at least 15 years beyond the predicted date of exhaust, and may cover more than one relief activity, if necessary, during the time frame. If the only viable relief option is less than 15 years from the predicted date of exhaust, then NANPA shall provide this relief option.

For any relief activity proposed in the plan that requires number changes, it is recommended that customers who undergo number changes shall not be required to change again for a period of 15 years.

Cecilia reviewed section 6.3 of the Guidelines regarding an all-services distributed overlay which states:

An all-services distributed 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. 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 all-services distributed 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 eliminates the need for a permissive dialing period as part of implementation. In areas where mandatory 10-digit local dialing is already in place, an overlay eliminates the need for a permissive dialing period as part of implementation. Other potential implementation strategies have been identified for an all-services overlay, but they tend to provide shorter-term relief and/or may require additional technical work for some SPs.

Cecilia noted that there is more than one viable relief option available for the 347/718/917/929 NPA and also reviewed Section 6.3.2 of the Guidelines regarding a boundary elimination overlay which states:

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 available 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 a considerable amount of relief life left. This solution has the advantage

of not immediately requiring a new NPA code, but it also shares a limitation of boundary realignment because it offers shorter-term relief. Further, a boundary elimination overlay may require additional technical work for some SPs and may require a longer implementation interval.

Cecilia also reviewed Section 7.2 of the Guidelines which states:

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 completed at least six (6) months prior to the projected exhaust of the NPA, but in extraordinary situations, at least three (3) months before the existing NPA would exhaust under the highest growth projections. For overlays, relief is completed when mandatory 10-digit local dialing has been implemented and the new NPA becomes effective.

Cecilia then referred the Industry participants to Annex B of the Guidelines which lists issues to be considered during NPA relief planning, and Annex E which lists general attributes of the most common relief alternatives.

Cecilia stated that the referenced sections of the Guidelines can be downloaded from the ATIS web site at: (www.atis.org).

Cecilia reviewed the following pertinent documents that were also included in the meeting materials:

- Relief planning meeting aids
- Rate center lists
- CO Code holder lists

CO CODE AND THOUSANDS-BLOCK STATUS

As of March 24, 2025, the 229 NPA has 629 CO codes assigned, 145 CO codes available for assignment, and 26 unavailable CO codes. The 478 NPA has 417 CO codes assigned, 366 CO codes available for assignment, and 17 unavailable CO codes. The 912 NPA has 686 CO codes assigned, 100 CO codes available for assignment, and 14 unavailable CO codes.

Cecilia reported that there are 86 rate centers in the 229 NPA all of which are optional for pooling. From the period of April 1, 2024 to March 24, 2025, 280 blocks have been assigned and 25 CO codes have been assigned; 24 for pool replenishment and one (1) for an LRN. As of March 24, 2025, there are 659 blocks available for assignment to service providers. The forecasted demand for the next twelve months is 26 CO codes for pool replenishment and dedicated customers.

There are 50 rate centers in the 478 NPA; one (1) is mandatory, one (1) is mandatory single service provider, 47 are optional and one (1) is excluded from pooling. From the period of April 1, 2024 to March 24, 2025, 144 blocks have been assigned and 12 CO codes have been assigned; 11 for pool replenishment and one (1) for an LRN. As of March 24, 2025, there are 271 blocks available for assignment to service providers. The forecasted demand for the next twelve months is seven (7) CO codes for pool replenishment and dedicated customers.

There are 71 rate centers in the 912 NPA; 61 are optional and 10 are excluded from pooling. From the period of April 1, 2024 to March 24, 2025, 357 blocks have been assigned and 28 CO codes have been assigned; 26 for pool replenishment and two (2) for LRNs. As of March 24, 2025, there are 399 blocks available for assignment to service providers. The forecasted demand for the next twelve months is 17 CO codes for pool replenishment and dedicated customers. (See Attachment #2)

RELIEF PLANNING BACKGROUND AND ASSUMPTIONS

The 404 NPA was assigned in 1947 to serve the entire state of Georgia. In 1954, the 912 NPA was assigned to serve the southern half of the state. In 2000, the 912 NPA was split into three NPA areas, introducing the 229 NPA serving the western region and the 478 NPA serving the northern region of the original 912 NPA geographic area. The 912 NPA currently serves southeastern Georgia.

Cities in the 912 NPA include but are not limited to Brunswick, Douglas, Hinesville, Kingsland, Pooler, Richmond Hill, Saint Marys, Savannah, Statesboro, Waycross and many other smaller communities.

Exhaust Forecast:

A Delta NRUF was issued on March 14, 2025, due to a decrease in CO code assignments. The 229 NPA is projected to exhaust in 3Q20230, the 478 NPA is projected to exhaust in 2Q2050 and the 912 NPA is projected to exhaust in 2Q2028.

Cecilia also reviewed the current dialing plan for the 912, 229 and 478 NPAs as well as a current map of the 912 NPA.

REVIEW OF RELIEF PLANNING OPTIONS

Cecilia presented two relief alternatives for the 912 NPA each with revisions to the previously published projected life of the alternatives based on the projected exhaust dates as published in the March 14, 2025, Delta NRUF:

ALTERNATIVE #1 – ALL-SERVICES DISTRIBUTED OVERLAY

A new NPA will be assigned to the existing 912 NPA geographic area. CO codes in the new NPA will be assigned upon request once all available CO codes in the 912 NPA are exhausted. Customers will retain their current phone numbers, with mandatory 10-digit local dialing being required for all calls within and between the 912 NPA and the new overlay NPA. There are a total of 71 rate centers in the 912 NPA. Based on the Delta NRUF issued on March 14, 2025, this alternative has a projected life of 24 years based on the current assignment rate.

ALTERNATIVE #2 – NPA BOUNDARY ELIMINATION OVERLAY AND NEW NPA

The boundaries between the 912, 229, and 478 NPAs will be eliminated, and a new overlay NPA will be introduced. Existing customers in these NPAs will retain their current phone numbers but must transition to mandatory 10-digit local dialing for all calls within and between the affected NPAs and the new overlay. While the 912 and 478 NPAs already utilize 10-digit local dialing, the 229 NPA will need to transition from 7-digit to 10-digit local dialing with this alternative.

Upon implementation, available CO codes in the 229 and 478 NPAs may be assigned in the 912 NPA area, and vice versa. CO codes from the new overlay NPA will be assigned only after exhausting all available CO codes in the existing NPAs.

This plan will put the original 912 NPA area back together and create a unified NPA area with 207 rate centers, standardizing 10-digit local dialing statewide. It extends the projected lifespan of the 229 NPA by 14 years, deferring the need for relief planning, which is expected to begin in the third quarter of 2027. However, it shortens the projected lifespan of the 478 NPA by six years. This relief alternative would save an NPA from being assigned for relief of the 229 NPA in the near future. Based on the Delta NRUF issued on March 14, 2025, this alternative has a projected life of 16 years.

Cecilia also reviewed the maps for each relief alternative.

CONSENSUS ON THE RELIEF ALTERNATIVE

The Industry discussed the pros and cons for each relief alternative to determine which alternative would be recommended to the Commission. After extensive discussion, a proposal was made, and consensus was reached, to recommend Alternative #1, an All-Services Distributed Overlay, as it will impact fewer customers, is faster and easier to implement, in addition to the support of the pros and cons listed for each alternative. The All-Services Distributed Overlay will be included as the Industry's choice of relief in the petition filed with the Commission.

Following are the pros and cons for each relief option that were utilized by the Industry to reach consensus on the recommended alternative:

Alternative #1 - All-Services Distributed Overlay

Pros:

Alternative # 1	
1	All existing customers would retain the 912 area code and would not have to change their telephone number(s)
2	Less customer confusion and easier education process
3	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
4	Residential customers do not have to update personal printed material such as checks and websites, etc. unless they currently show 7-digit numbers
5	Minimizes call routing issues, especially with ported numbers
6	Easier for service providers to implement from a translations, billing and service order system perspective
7	Minimal data entries handled in national databases such as BIRRDS, LERG and the Terminating Point Master Table
8	Does not impact some wireless carriers that have to reprogram handsets manually
9	No technical impacts to number portability, text messaging or multimedia messaging
10	An all-services distributed overlay is simpler to implement from both a technical and customer education perspective compared to an NPA split or boundary elimination

	overlay
11	Provides longer life than the boundary elimination overlay with a new NPA.

Cons:
There were no cons identified for Alternative #1, the all-services distributed overlay.

Alternative #2 - Boundary Elimination Overlay of the 229, 478 and 912 NPAs with a New NPA
Pros:

Alternative #2	
1	Does not require customers to change their area code
2	The boundary elimination overlay is a more efficient use of resources
3	Avoids the need for area code relief planning for a period of 13 years for the 229 NPA which otherwise would need relief planning to begin in the third quarter of 2027.
4	Moves all NPAs in the state to a unified 10-digit local dialing

Cons:

Alternative #2	
1	Boundary elimination overlay relief alternative has a shorter life than the all-services distributed overlay
2	Impacts larger quantity of customers than the all-services distributed overlay
3	The 229 NPA customers will need to transition to 10-digit local dialing sooner than would otherwise be required.
4	Complex customer education process, which would likely lead to increased customer confusion
5	A boundary elimination overlay is much more technically complex to implement than an all-services distributed overlay.
6	Would reduce the current exhaust of the 478 NPA by six years.
7	Requires a longer timeframe to implement relief

CONSENSUS ON DIALING PLAN AND IMPLEMENTATION INTERVALS
Cecilia stated that the 912 NPA transitioned to 10-digit local dialing due to the 988 Suicide and Crisis Lifeline in 2022. Consensus was reached on the following dialing plan:

Dialing Plan for the 912 NPA all-services distributed overlay:

Type of Call	Call Terminating in	Dialing Plan
Local Call	Home NPA (HNPA) or Foreign NPA (FNPA)	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

Implementation Schedule
After discussion on a suggested implementation schedule, consensus was reached on a nine (9)-month implementation schedule 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
Earliest Activation of CO codes in the new NPA*	At completion of Customer Education and Network Preparation Period and after all existing 912 NPA CO codes are allocated *Six months prior to exhaust or no later than 4Q2027*

**CO codes in the new NPA will not be assigned until all available CO codes in the existing 912 NPA have been assigned.*

CUSTOMER EDUCATION AND TECHNICAL MILESTONES:
A recommendation was made, and consensus was reached to include the following *Customer Education and Technical Milestones* for the 912 NPA All-Services Distributed Overlay implementation.

Customer Education Milestones:

Action	Responsibility
1 Issue single customer notification (e.g., bill messages, bill inserts, direct mail, text messaging, email)	All Service Providers
2 Issue initial press release announcing the new overlay NPA.	Commission; Service Providers to the extent they are able to do so
3 Send Special letters to Directory Publishers	Co-chairs of Industry committee
4 Update social media with information regarding new overlay NPA.	All Service Providers (optional) and NANPA
5 Update websites with information regarding the overlay NPA.	All Service Providers
6 Develop language for use in Directories to alert the consumers of the new overlay NPA.	Directory Publishers
7 Issue second press release just prior to the new overlay NPA's effective date	Commission; Service Providers to the extent they are able to do so

Technical Milestones:

Action	Responsibility
1 Obtain industry test code from NANPA and activate the test number	One Service Provider Volunteer
2 Open the test code in carriers' network	All Service Providers

3	Establish NPA Specific type of Trunks	All Service Providers (as needed)
E911 Work Plan		
4	Confirm new Emergency Service Number (ESN)/Numbering Plan Digit (NPD) has been established for the new NPA	E911 Providers
5	Ensure SRDB table has new NPA built	E911 Providers
6	Notify PSAPs, PSALI customers and County Coordinators	E911 Providers
7	Notify Statewide 911 Coordinator	Industry Co-chairs
8	Review and Submit CLEC Trunk Order Requests to local provider if needed	All Service Providers (as needed)
9	Update PSAP equipment to recognize new NPA	PSAP's
10	Trunk Orders Complete	E911 Providers
11	Build E911 Network/Tandem Translations	E911 Providers
12	Verify if all PSAP work has been completed	E911 Providers
13	Activate E911 Network/Tandem Translations	E911 Providers

The above are the typical milestones necessary for implementation of an all-services distributed overlay when mandatory 10-digit dialing is already in place; however, these may need to be modified during the actual implementation.

NANPA FILING INDUSTRY EFFORTS WITH COMMISSION
Cecilia reviewed the schedule for the remaining activities until the Georgia 912 NPA petition is filed with the Commission. Consensus was reached on the following schedule:

GA 912 NPA Relief Planning Schedule
April 8– Draft IPD Meeting Minutes Posted via NNS
April 15 – Meeting Minutes Become Final
April 15 – Post Draft Petition via NNS
April 22 – Draft Petition Review Meeting
May 13 –File Petition with Georgia Public Service Commission

OPEN DISCUSSION AND STATEMENTS FOR THE RECORD
There were no additional items for discussion or statements for the record.

MEETING MINUTES DISTRIBUTION AND APPROVAL OF THE MINUTES
The draft minutes resulting from this meeting will be distributed to the Industry by posting them on the NANPA website no later than April 8, 2025. The Industry is to provide any suggested edits to Cecilia McCabe via email at cmccabe@nanpa.com within one week of the posting at

which time they will become final.

The meeting was adjourned.

# # #

These minutes became final on April 9, 2025.

Attachment #1

GA 912 NPA
Initial Relief Planning Meeting
March 25, 2025
Participants

NAME	COMPANY
George Guerra	AT&T
Thomas Hickey	Citizens Telephone
Matt Nolan	Charter
Kathy Troughton	Charter
Sandra Jones	Cox Communications
Angela Burbach	Cox Communications
Rachel Gredler	Frontier
Cecilia McCabe	NANPA
Heidi Wayman	NANPA
Linda Hymans	NANPA
Florence Weber	NANPA
Erica Wilson	Georgia Public Service Commission
Paul Nejedlo	TDS
Nicole Adkins	TDS
Shaunna Forshee	T-Mobile
Chanda Brown	Verizon
Brandon Orozco	Verizon
Sharon Pistachio	Verizon Wireless

Central Office Code/Thousands-Block Summary
(Data as of March 24, 2025*)

	Assigned NXXs	Reserved NXXs	Unavailable	Available	Total	
229 NPA	629	0	26	145	**800**	
478 NPA	417	0	17	366	**800**	
912 NPA	686	0	14	100	**800**	

Codes Assignment History	2020	2021	2022	2023	2024	2025*
229 NPA	15	48	24	36	25	6
478 NPA	8	28	14	17	12	4
912 NPA	30	43	32	36	33	5

Codes Assigned (Time period: 4/1/24 - 3/24/25)	Pool Replenishment	Dedicated Customers	For LRNs	Total		
229 NPA	24	0	1	**25**		
478 NPA	11	0	1	**12**		
912 NPA	26	0	2	**28**		

Codes Forecasted for next 12 months	Pool Replenishment and Dedicated Customers	LRNs	Total			
229 NPA	26	0	**26**			
478 NPA	7	0	**7**			
912 NPA	17	0	**17**			

Thousands-Blocks	Blocks Assigned (Time period: 4/1/24 - 3/24/25)		Blocks Available*			
229 NPA	280		659			
478 NPA	144		271			
912 NPA	357		399			

Rate Centers	Mandatory	Mandatory Single Service Provider	Optional	Excluded	Total	
229 NPA	0	0	86	0	**86**	
478 NPA	1	1	47	1	**50**	
912 NPA	0	0	61	10	**71**	

Exhaust	Based on the delta NRUF issued on March 14, 2025 the 912 NPA is projected to exhaust in 2Q2028, the 478 NPA is projected to exhaust in 2Q2050 and the 229 NPA is projected to exhaust in 3Q2030.

Note: Unavailable indicates codes that are unavailable for assignment. These codes include, but are not limited to, test and special use codes (e.g., 958, 959, 555), N11 and other unique codes (e.g., 976, 950) and codes with special dialing arrangements (e.g., 7-digit dialing across NPA boundary).