

**BEFORE THE
PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA**



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**Application of the North American
Numbering Plan Administrator, on
behalf of the California
Telecommunications Industry, for
Relief of the 530 Numbering Plan Area**)
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Docket No. _____

**APPLICATION OF THE NORTH AMERICAN NUMBERING PLAN
ADMINISTRATOR, ON BEHALF OF THE CALIFORNIA
TELECOMMUNICATIONS INDUSTRY, FOR RELIEF OF THE
530 NUMBERING PLAN AREA**

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Dated: September 30, 2022

**BEFORE THE
PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA**

Application of the North American)	
Numbering Plan Administrator, on)	
Behalf of the California)	Docket No. _____
Telecommunications Industry, for)	
Relief of the 530 Numbering Plan Area)	

**APPLICATION OF THE
NORTH AMERICAN NUMBERING PLAN
ADMINISTRATOR ON BEHALF OF THE CALIFORNIA
TELECOMMUNICATIONS INDUSTRY FOR RELIEF OF
THE 530 NUMBERING PLAN AREA**

The North American Numbering Plan Administrator (“NANPA”), as the neutral third-party numbering plan area (“NPA”) (also referred to as “area code”) relief planner for California and on behalf of the California telecommunications industry (“Industry”),¹ hereby notifies the California Public Utilities Commission (“Commission”)² that the 530 NPA is projected to exhaust its Central Office codes (often referred to as “CO” or “NXX” codes) during the third quarter of 2025 and is in need of relief. This means that absent NPA relief, the supply of CO codes in the 530 NPA is projected to run out during the projected exhaust quarter. In accordance with the NPA Code Relief Planning and

¹ The Industry is composed of current and prospective telecommunications carriers operating in, or considering operations within, the 530 NPA.

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

Notifications Guidelines (“NPA Relief Guidelines”)³, only an overlay will meet requirements for relief of the 530 NPA, which transitioned to mandatory 1+10-digit local dialing due to the national implementation of 988 as an abbreviated dialing code to reach the national 988 Suicide and Crisis Lifeline as of July 15, 2022.⁴

The Industry recommends that it implement the new overlay NPA based upon a 9-month schedule. Adhering to the Industry agreed-upon schedule will allow the new NPA to be implemented six months prior to the projected exhaust of the 530 NPA. Pursuant to the NPA Relief Guidelines, once “the regulator issues an order (or other written approval) for NPA relief, NANPA should be provided approximately 75 calendar days from the date of the order (or other written approval) to assign a new NPA, ensure a press release is issued to announce the new NPA, to schedule and facilitate an implementation meeting, and publish the Planning Letter(s).”⁵ The Industry respectfully requests that the Commission expeditiously approve the Industry’s plan to implement the overlay as set forth herein.

I. Background

In 1997 the Commission approved a geographic split of the 916 NPA, introducing the 530 NPA in November 1997. The 530 NPA is in the northeastern portion of California and covers all or portions of Alpine, Butte, Colusa, El Dorado, Glenn,

³ NANPA reviews all possible relief alternatives per NPA Code Relief Planning and Notification Guidelines (ATIS-0300061, April 1, 2022) (“NPA Relief Guidelines”), §5. The NPA Relief Guidelines can be accessed on the ATIS website located at https://access.atis.org/apps/group_public/documents.php?view=.

⁴ Under the industry 10-digit local dialing transition plan for the 988 implementation, customers were educated that mandatory 1+10-digit dialing became effective on October 24, 2021. Service providers removed 7-digit dialing in the 530 NPA from their networks by July 15, 2022. See the customer education materials on the NANPA website at: https://www.nationalnanpa.com/transition_to_10_digit_dialing_for_988/index.html

⁵ NPA Relief Guidelines at §5.10.1.

Humboldt, Lassen, Modoc, Mono, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Solano, Sutter, Tehama, Trinity, Yolo, and Yuba counties. It serves communities including but not limited to Chico, Davis, El Dorado Hills, Oroville, Paradise, Placerville, Red Bluff, Redding, South Lake Tahoe, Truckee, Woodland, and Yuba City.

The 530 NPA is bordered to the north by the Oregon 541/458 NPA overlay, to the east by the Nevada 775 NPA, to the south by the 209 NPA, the 760/442 NPA overlay, the 916/279 NPA and to the west by the 707 NPA.

As required by the FCC, NANPA collects CO code assignment, utilization, and forecasted demand data to determine the projected need for numbering resources. NANPA uses this data to project the exhaust date of each area code and publishes the results twice a year. In April 2022, NANPA published its semi-annual Numbering Resource Utilization/Forecast (NRUF) and NPA Exhaust Analysis (“April 2022 NRUF Report”) which indicated that the 530 NPA would exhaust during the second quarter of 2026.⁶ However, due to an increase in CO code assignments in the 530 NPA, NANPA issued a “Delta NRUF” on June 13, 2022, which revised the estimated exhaust date to third quarter of 2025.⁷

NANPA determined the only relief alternative which will meet NPA Relief Guidelines is an overlay. All customers within and between NPAs would be required to dial 1+ten-digits for local calls. The 530 NPA transitioned to mandatory 1+10-digit local dialing as a result of the FCC’s Order approving the designation of 988 as the

⁶ April 2021 NRUF and NPA Exhaust Analysis (“April 2022 NRUF Report”). The April 2022 NRUF Report can be accessed on the NANPA web site at https://nationalnanpa.com/reports/reports_npa.html.

⁷ The notice of the April 2022 NPA Exhaust Analysis Changes were posted via the NANP Notification System (NNS) on June 13, 2022 (“June 13, 2022 Delta NRUF”).

three-digit abbreviated dialing code for the National Suicide Prevention Lifeline (now referred to as the 988 Suicide and Crisis Lifeline).⁸ As a result, 1+10-digit local dialing is already in place in the 530 NPA. In addition, the NPA Relief Guidelines were amended to accommodate the impact the national implementation of the 988 abbreviated dialing code will have on area code relief. The amended NPA Relief Guidelines state that “where NPA relief is required for a single NPA area that is scheduled to transition to 10-digit local dialing...the Initial Planning Document, relief planning meeting, and industry consensus to recommend an overlay are not required.”⁹ Therefore, the only option for relief of the 530 NPA is an all-services distributed overlay. Accordingly, NANPA distributed a notice to the Industry on August 3, 2022 containing a draft relief application for review prior to the Industry relief meeting.¹⁰ The Industry met on August 24, 2022 and approved this application for an all-services distributed overlay of the 530 NPA.¹¹

II. Description of the Relief Plan

The all-services distributed overlay would superimpose a new NPA over the same geographic area covered by the existing 530 NPA and is projected to last approximately 45 years. NANPA will assign CO codes from the new overlay NPA once all assignable CO codes from the 530 NPA are exhausted. All existing customers would retain their current area code in the overlay area and would not

⁸ Implementation of the National Suicide Hotline Improvement Act of 2018, Report and Order, FCC 20-100 (rel. July 17, 2020).

⁹ The NPA Relief Guidelines at §5.63

¹⁰ NANPA’s August 3, 2022 notice to the Industry is attached and incorporated as Exhibit A and contains CO code assignment information, thousands-block pooling statistics, and associated maps.

¹¹ A copy of the August 24, 2022 meeting minutes is attached and incorporated as Exhibit B.

have to change their telephone numbers. As mandatory 1+10-digit local dialing is already in place in the 530 NPA, the only customer education required for this overlay is about the addition of the new NPA. Since announcement of the new overlay NPA is largely just informational, no paid advertising is necessary to educate customers.¹²

The Industry-recommended dialing plan set forth in the following table is consistent with that implementation:

Dialing Plan for the 530 NPA All-Services Distributed Overlay

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)

The Industry reached consensus to implement the new relief NPA in accordance with a 9-month schedule¹³ and the attached Public Education Plan (PEP).¹⁴ The schedule, outlined below, does not include specific dates, but rather timeframes to identify the phases of implementation. Once the Commission has approved the instant Application, the Industry will select specific dates at an implementation meeting to ensure the dates do not interfere with certain holidays, high traffic calling days, network freeze periods, or other NPA relief

¹² See Attachment #1, Industry Statement for the Record and recommended Public Education Plan (PEP).

¹³ The NPA Relief Guidelines at §7.2.

¹⁴ The attached PEP is modeled after the PEPs approved for the 209/350 and 707/369 overlay implementations that are now underway.

implementation activities occurring across the country. Moreover, the Commission's prompt approval of the instant Application 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.

The Implementation Timeframe Schedule for the 530 All-Services Distributed Overlay

EVENT	TIMEFRAME
Customer Education and Network Preparation Period*	9 months
Earliest Activation of CO codes in the new NPA **	At completion of Customer Education and Network Preparation Period and after all 530 CO codes are exhausted <i>Six months prior to exhaust</i>

** There is no requirement for a permissive dialing period because mandatory 1+10-digit local dialing is already in place.*

***CO codes in the new NPA will not be assigned until all available codes in the existing 530 NPA are exhausted.*

After approval of a final order, NANPA will need approximately 75 calendar days to assign the new NPA, work with the Commission to issue a press release announcing the new NPA, schedule and facilitate an Industry implementation meeting, and publish a Planning Letter. The Industry will then form an implementation committee to implement the new area code that should begin at least 15 months prior to exhaust of the 530 NPA.¹⁵ The following table and Attachment #1 outline the methods and processes the Industry typically utilizes in current California NPA relief projects for implementation of an initial overlay when mandatory 1+10-digit local dialing is already

¹⁵ A total of 17.5 months is needed to accommodate NANPA's administrative processes, and to complete a 9-month implementation schedule at least 6 months prior to the exhaust of the 530 NPA.

in place:

Customer Education Milestones:

See Attachment #1: Recommended Public Education Program (PEP) for the 530 All-Services Distributed Overlay

Technical Milestones:

	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 ESN/NPD has been established for the new NPA	E911 Providers
5 Ensure SRDB table has new NPA built in	E911 Providers
6 Notify PSAPs, PSALI customers and County Coordinators (1st and 2nd Notification)	E911 Providers
7 Review and Submit CLEC Trunk Order Requests to local provider if needed	All Service Providers (as needed)
8 Update PSAP equipment	PSAPs
9 Trunk Orders Complete	E911 Providers
10 Build E911 Network/Tandem Translations	E911 Providers
11 Verify if all PSAP work has been completed	PSAPs
12 Activate E911 Network/Tandem Translations	E911 Providers

III. Conclusion

As consumers in the 530 NPA are already accustomed to 1+10-digit local dialing, the Industry requests that the Commission issue an order in response to the instant Application approving a new all-services distributed overlay NPA, the recommended implementation schedule for relief of the 530 NPA, and the attached PEP 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 Application, the Industry will implement an all-

services distributed overlay over the 530 NPA in accordance with the implementation schedule set forth above and the attached PEP. As such, the Industry respectfully requests that the Commission issue the final decision granting this Application no later than December 31, 2023 to provide sufficient time for NANPA to complete its administrative tasks, and for the Industry to complete implementation of the all-services distributed overlay at least 6 months prior to exhaust of the 530 NPA.

Respectfully submitted,

Kimberly Miller

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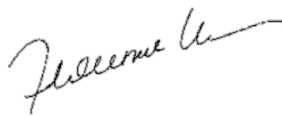
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September 30, 2022

VERIFICATION

I, Florence Weber, hereby state the following under penalty of perjury. I am Senior Director of the North American Numbering Plan Administrator, SomosGov, Inc. I am authorized to make this verification on behalf of the North American Numbering Plan Administrator. I have read the foregoing “Application of the North American Numbering Plan Administrator, on behalf of the California Telecommunications Industry, for Relief of the 530 Numbering Plan Area” (the “Application”). To the best of my personal knowledge, except as to the matters which are therein stated on information or belief, based on personal information and communications with and information provided by appropriate NANPA personnel, I believe the facts stated in the Application to be true and correct.

By:



Date: September 30, 2022

ATTACHMENT 1

Industry Statement for the Record

The Industry respectfully requests that the CPUC approve the industry's application to implement an all-services distributed overlay for relief of the 530 area code, including the proposed implementation interval and the attached proposed Public Education Program (PEP), no later than December 31, 2023. The Industry's proposed schedule and PEP allow the Industry to implement relief efficiently, avoid holiday network freeze timeframes, and reduce the risk of running out of numbers before relief is implemented.

The Industry will work together to ensure the overlay implementation is successful. No paid advertising is necessary for a successful implementation because:

- Mandatory 1+10-digit dialing is already in place. There's no need for a permissive dialing period or customer education about 1+10-digit dialing.
- Educating 530 customers about the new overlay area code is just an informational exercise. Californians are already very familiar with multiple area codes and mandatory 1+10-digit dialing. Mandatory 1+10-digit dialing is the predominant dialing plan in California, required in 35 of 38 area codes once the 209/350 and 707/369 overlays are implemented by February 2023.
- The Industry is quite experienced in educating customers about the introduction of new overlay area codes when mandatory 10-digit or 1+10-digit dialing is already in place. The industry is in the process of implementing such overlays as the California 209/350 and 707/369 overlays now, and no paid advertising is being used. Further, the Industry is the process of or has already completed implementation of similar overlays in Colorado, Florida, Georgia, Illinois, Maryland, Missouri, New York, North Carolina, Ohio, Pennsylvania, Texas and Wisconsin. No paid advertising has been used.
- Paid advertising requirements in PEPs create the need for a funding mechanism, and past PEPs demonstrate that the funding mechanism is a burdensome, inefficient and unnecessarily complex process shouldered unfairly by a few industry volunteers.
- For the 530 overlay with its simple informational messaging, paid advertising and a funded PEP doesn't make fiscal sense. It would be virtually impossible to implement a funded PEP within the recommended 9-month implementation schedule.

The recommended attached PEP is modeled after the recently approved PEPs for the 209/350 and 707/369 overlays where mandatory 1+10-digit dialing is already in place. However, in the recommended PEP, the special outreach requirements (Activity #6) include only the necessary groups that might require special notification of the new NPA when mandatory 1+10-digit dialing is already in place. Specifically, there's no need for special outreach to the following groups because they will be educated about the new NPA by their respective service providers: community-based organizations including senior, consumer and other advocacy/activist organizations; chambers of commerce, city councils, and other key government agencies, and; alarm service providers. This is consistent with the industry implementations of similar overlays in the states listed above.

ATTACHMENT 1

Recommended Public Education Program (PEP) for the 530 All-Services Distributed Overlay Nine-Month Implementation Plan

Activity	Description	Audience	Shared or Individual Service Provider Effort	Completion Date
1	Effective date of decision approving an area code overlay for relief of the existing 530 area code.	N/A	N/A	Date of Decision (DOD)
2	First news release announcing the overlay area code relief plan, the overlay area code geographic boundaries, and the new overlay area code for issue within the 530 area code region. Post CPUC news release to CPUC website and social media platforms.	All customers	CPUC	DOD or within one week of DOD
3	NANPA 530 overlay implementation meeting, and request for industry participation on Public Education Plan (PEP) task force. Determination of Implementation Start Date (ISD).	CPUC staff and industry	Shared	6 weeks after DOD
4	Provide to CPUC Communications Division email or written confirmation from the California Telecommunications Industry identifying media coverage (including major local broadcast television stations) of the 530 area code overlay.		Shared	2 months after DOD
5	Overlay information distributed internally as a job aid for customer service representatives to answer customer questions. Representatives should not need to refer questions to the CPUC.	Customer service representatives	Individual	2 months after ISD
6	Provide by email targeted letters with the information in the Customer Notification, along with PEP Task Force contact information, to (1) public safety organizations and PSAPs, (2) the telephone directory publishers association, and (3) California Relay Services throughout the 530 area code region. Request that these organizations distribute the information to their members.	public safety organizations and PSAPs, telephone directory publishers, and California Relay Services	Shared	2 months after ISD
7	530 overlay update to industry websites.	All customers	Individual	3 months after ISD

ATTACHMENT 1

8	Second news release reminding the public of the 530 overlay area code relief plan, the overlay area code geographic boundaries, and the new overlay area code for issue within the 530 area code overlay region. Post CPUC news release to CPUC website and social media platforms.	All customers	Shared	4 months after ISD
9	Provide to CPUC Communications Division second email or written confirmation from the California Telecommunications Industry identifying media coverage (including major local broadcast television stations) of the 530 area code overlay.		Shared	5 months after ISD
10	Third news release reminding the public of the 530 overlay area code relief plan, the overlay area code geographic boundaries, and the new overlay area code for issue within the 530 area code region. Post CPUC news release to CPUC website and social media platforms.	All customers	Shared	8.5 months after ISD
11	Provide to CPUC Communications Division third email or written confirmation from the California Telecommunications Industry identifying media coverage (including local broadcast television stations) of the 530 area code overlay.		Shared	9.5 months after ISD
12	Published Directories: Add information on cover to alert customers in 530 area about the new overlay area code	All customers	Individual	9 months after ISD
13	Single customer notification runs for two bill cycles: Announce the new 530 area code overlay, indicate the affected areas, and the new area code effective date.	All customers	Individual	9 months from ISD
14	New NPA/Area Code effective and implementation completed			9 months from ISD

ATTACHMENT 2
COMPLIANCE WITH RULE 2.1(c)

In compliance with Rule 2.1(c) of the Commission’s Rules of Practice and Procedure, the North American Numbering Plan Administrator, in its role as the neutral third party NPA Relief Planner for California under the North American Numbering Plan and on behalf of the California telecommunications industry (“Industry”), provides the following information:

Proposed Category: The Application should be categorized as a rate setting proceeding according to Rule 7.1(e)(2) which states in part “[w]hen a proceeding does not clearly fit into any of the categories as defined in Rules 1.3(a), (d), and (e), the proceeding will be conducted under the rules applicable to the rate setting category” unless otherwise determined by the Commission.

Need for Hearings: The Application does not raise any material issues of fact. Further, as explained in the Application, a recorded webcast regarding the relief plan will be made available on the California Public Utilities Commission’s website on January 6, 2023 and mandatory 1+10-digit local dialing is already in place the 530 NPA. Accordingly, hearings are not necessary.

Issues to be Considered: Whether the Commission should adopt the Industry’s recommended all-services distributed overlay, with corresponding nine-month implementation schedule and customer education plan, as the preferred form of relief for the 530 numbering plan area (“NPA”).

Proposed Schedule: NANPA projects that the 530 NPA will exhaust during the third quarter of 2025. As explained in the Application, the Industry recommends a nine-month schedule to implement the all-services overlay. To ensure the Industry has

sufficient time to implement relief before the 530 NPA exhausts, the following schedule is proposed:

Application Filed September 30, 2022

Expiration of Protest Period March 7, 2023

Final Decision Issued December 31, 2023

EXHIBIT A



August 3, 2022

To: All 530 NPA Code Holders and Interested Industry Members (California)

Subject: California 530 NPA Draft Application Review

The North American Numbering Plan Administrator (“NANPA”) has scheduled an area code relief planning meeting via web conference to provide the telecommunications industry of California (“Industry”) an opportunity to review and approve a draft application to add a new NPA to the California 530 NPA. Pursuant to the NPA Code Relief Planning and Notification Guidelines, NANPA is to begin relief planning when an NPA is within thirty-six months of exhaust.

The April 2022 Numbering Resource Utilization/Forecast (“NRUF”) and NPA Exhaust Analysis (“April 2022 NRUF Report”) projects the exhaust date of the 530 NPA as second quarter of 2026 (2Q2026). Due to an increase in Central Office (“CO”) code assignments, a revision to the April 2022 NRUF Report also known as a “Delta NRUF” was issued by NANPA on June 13, 2022 and the exhaust date was modified to the third quarter of 2025 (3Q2025).

NANPA will convene an Industry relief planning meeting on August 24, 2022, to review and approve the draft application for the 530 NPA. The resulting relief plan will be filed with the California Public Utilities Commission (“Commission”) for their consideration. The Industry recognized consensus process developed by the Alliance for Telecommunications Industry Solutions (“ATIS”) will be applied in the decision-making efforts.

Also attached with this notice is an agenda along with the consensus process, relief planning meeting aids, sections of the California State Public Utility Code relating to area code relief planning and notification requirements, CO code summary, thousands-block statistics report, service provider CO code and thousands-block assignments by OCN, and related maps.

Because the impacts of NPA relief are so significant, NANPA strongly encourages your participation on August 24, 2022. Experience demonstrates that this could be the only meeting of the Industry before a decision is reached on the relief filing that will be submitted to the Commission for approval. The details of the relief planning meeting are as follows:

Date: August 24, 2022

Time: 11:30 am PT; 12:30 pm MT; 1:30 pm CT; 2:30 pm ET

Join Zoom Meeting

<https://somos.zoom.us/j/88913957422?pwd=MVVCTXR5c2JVNXVjKyszM05qclZPUT09&from=addon>

Meeting ID: 889 1395 7422

Password: 203852

One tap mobile

8778535257,,88913957422# US Toll-free

8884754499,,88913957422# US Toll-free

Dial by your location

877 853 5257 US Toll-free

888 475 4499 US Toll-free

Meeting ID: 889 1395 7422

Please feel free to distribute this notice to others in the Industry that you feel should attend this important NPA relief planning meeting. If you receive this notice from someone else and would like to receive additional information in the future about the 530 NPA relief, you are encouraged to sign up to NANPA's NAS-NNS by going to www.nanpa.com, then selecting NAS Login and then selecting New Registration and following the sign-up process.

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

Sincerely,

Heidi A. Wayman
NPA Relief Planner
NANPA

CC: Joanne Leung – CPUC Staff

**California 530 NPA
Draft Application Review Meeting
via Web Conference**

August 24, 2022 - 11:30 AM (PT)

AGENDA

Welcome, Introductions, Consensus Definition

NANPA's Role and Responsibilities

Review INC Guidelines

Review 530 NPA Background, History and Status

Review of Draft Petition

Consensus on Implementation Intervals

Consensus on Customer Education & Technical Milestones

Review of State Law and PU Code Notification Requirements

Consensus on Approval & Filing

Statements for the Record

Set Date to Approve Minutes

Open Discussions

Adjourn

7 RESOLUTION PROCESS

7.1 Consensus

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

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

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

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

4.2.2

NANPA investigates and resolves, wherever possible, any discrepancies in the information provided.

4.2.3

Any information released by NANPA to the industry will be released only on an aggregated or summary basis (See Section 16.1.2 of the Thousands-Block (NPA-NXX-X) & Central Office Code (NPA-NXX) Administration Guidelines).

4.3

NANPA continually monitors and projects CO code (NXX) exhaust within NPAs in order to anticipate the need and prepare for NPA relief activity.

4.4

NANPA develops plans for NPA relief and initiates implementation efforts, in both normal and jeopardy situations (See Section 16 of the Thousands-Block (NPA-NXX-X) & Central Office Code (NPA-NXX) Administration Guidelines). When the need for code relief is identified and relief activity is initiated, NANPA advises all parties affected by NPA relief activities and includes them in the planning effort.

4.5

Currently, NANPA's NPA Relief Planner submits the necessary information to the NPA Administrator who is responsible for the review and assignment of the new NPA. This is currently an internal NANPA function.

4.6

Where necessary, NANPA presents the industry-consensus recommended NPA relief plan to appropriate regulatory authority(ies).

4.7

NANPA and the industry jointly identify dialing plan issues within local jurisdictions at the relief planning meeting.

4.8

NANPA provides assistance to users of numbering resources and suggests alternatives, when possible, that will optimize numbering resource utilization.

4.9

Prepares and issues information related to reports for special information requests and scheduled periodic reports that relate to utilization of numbering resources.

5 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:

the face-to-face meeting manageable, participants on the bridge shall not be accorded special consideration⁴. 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.

5.5.1 Modifications to Previous Industry Agreements

This process provides industry participants an opportunity under prescribed circumstances to reopen and possibly modify previous agreements reached by consensus. To be fair to all parties and cognizant of the time and effort required to reach industry consensus, the following procedures shall be used to request a reopening of a previous consensus agreement(s).

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

5.6 Notify Appropriate Regulatory Authority

When consensus is reached within the industry or when NANPA determines additional meetings would not achieve consensus, NANPA should submit to the appropriate regulatory authority the results of the industry effort, if required. In its submission NANPA should also furnish all relevant background information including any statements for the record submitted in real time by industry participants (unless otherwise agreed), meeting minutes, mailing lists, etc. In the case where consensus could not be reached, brief position papers could be included.

5.6.1 Relief for An Existing Overlay

Where NPA relief is required for an existing overlay complex, then the Initial Planning Document, relief planning meeting, and industry consensus to recommend an overlay is not required. NANPA shall draft a relief plan filing requesting approval of the overlay and recommending an implementation schedule including a timeframe for network preparation and customer education, with the new NPA effective at the end of the implementation schedule. There is no need for a permissive dialing period because 10-digit local dialing will already be in place. The draft filing shall include the state's existing overlay dialing plan.

⁴ 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.

NANPA shall notify all Affected Parties at least three (3) weeks in advance of a conference call scheduled to review and approve the draft filing. During the conference call, the timeframes for the implementation schedule will be determined. The recommended relief should be in place six (6) months prior to the forecasted exhaust (see Section 7.2). As usual, meeting minutes shall be produced and distributed by NANPA within 14 calendar days of the conference call.

Within 6 weeks of the conference call (unless otherwise agreed by the Affected Parties), NANPA shall submit the filing to the appropriate regulatory agency requesting approval of the overlay, and after regulatory approval has been received, NANPA shall proceed with the implementation process, as reflected in Sections 5.7 – 5.12.

5.6.2 Relief For A Single NPA When An Overlay is the Only Viable Alternative

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

NANPA shall draft a relief plan filing requesting approval of the overlay and recommending an implementation schedule including network preparation, customer education, and a permissive dialing period.

NANPA shall notify all Affected Parties at least three (3) weeks in advance of a conference call scheduled to review and approve the draft filing. In the notification, NANPA will include data (e.g., an NPA with a high concentration of assigned NXXs in one or only a few rate centers) supporting the recommendation that the overlay is the only relief method in compliance with the criteria listed in Section 5.0. The three (3) week timeframe notification may be necessary to allow individual industry members to fully analyze the technical, educational, and operational impacts to their respective subscribers and networks in determining the timeframes needed for implementation.

During the conference call, the timeframes for the implementation schedule will be determined to finalize the relief filing. The draft filing will include a recommendation for 10-digit dialing for local⁵ calls (to either the home NPA (HNPA) and to foreign NPA(s) [FNPA]), and 1+10-digit dialing for toll calls (to either HNPA or FNPA), unless the state has an existing overlay dialing plan that is different. The recommended relief (i.e., mandatory dialing and the new NPA's inservice date) should be six (6) months prior to the forecasted exhaust (see Section 5.1). As usual, meeting minutes shall be produced and distributed by NANPA within 14 calendar days of the conference call.

Within six (6) weeks of the conference call (unless otherwise agreed by the Affected Parties), NANPA shall submit the filing to the appropriate regulatory agency requesting approval of the overlay. After regulatory approval has been received, NANPA shall proceed with the implementation process, as reflected in Sections 5.7 – 5.12.

5.6.3 Relief For A Single NPA When 10-Digit Local Dialing Has Been or Will Be Implemented

Where NPA relief is required for a single NPA area that is scheduled to transition to 10-digit local dialing or has already transitioned to 10-digit local dialing⁶, then the Initial Planning Document, relief planning meeting, and industry consensus to recommend an overlay is not required.

NANPA shall draft a relief plan filing requesting approval of the overlay and recommending an implementation schedule including a timeframe for network preparation and customer education, with the new NPA effective at the end of the implementation schedule. There is no need for a permissive dialing period because 10-digit local dialing will already be in place. The draft filing shall include the state's existing overlay dialing plan.

NANPA shall notify all Affected Parties at least three (3) weeks in advance of a conference call scheduled to review and approve the draft filing. During the conference call, the timeframes for the implementation schedule will be determined. The recommended relief should be in place six (6) months prior to the forecasted exhaust (see Section 7.2). As usual, meeting minutes shall be produced and distributed by NANPA within 14 calendar days of the conference call.

⁵ As an industry Best Practice, service providers are encouraged to also provide permissive 1+ 10 digit local dialing at their discretion.

⁶ For example, FCC 20-100, ¶53.

6.3 All-Services Distributed Overlay Method⁷

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.⁸ 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.

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.

⁷ 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>.

⁸ 47 CFR §52.19 (c) (3) (ii).

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.⁹ 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.¹⁰

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.

7 Other Relief Planning Considerations

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

7.1 Regulatory Involvement

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

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 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.

7.3 Customer Calling Patterns

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

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

¹⁰ See FCC 01-362 ¶¶ 81-94.

Relief Planning Meeting Aid
Customer Education and Technical Milestones

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

Customer Milestones:

			Responsibility
		1 Issue single customer notification (e.g., bill messages, bill inserts, direct mail, text messaging, email)	
		2 Issue initial press release	
		3 Send Special letters to 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 Special letters to Alarm and Safety, Directory, 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 press release	

Technical Milestones:

			Responsibility
		1 Obtain industry test code from NANPA and activate the test number.	

Relief Planning Meeting Aid
Customer Education and Technical Milestones

		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	
		<u>E911 Work Plan</u>	
		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 in	
		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	

Relief Planning Meeting Aid
Customer Education and Technical Milestones

		Translations	
		19 Verify if all PSAP work has been completed	
		20 Activate E911 Network/Tandem Translations	



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PUBLIC UTILITIES CODE - PUC

DIVISION 4. LAWS RELATING TO UTILITY CORPORATIONS AND THEIR EMPLOYEES [7503 - 8286] (*Division 4 enacted by Stats. 1951, Ch. 764.*)

CHAPTER 3.5. New Area Codes [7930 - 7943] (*Chapter 3.5 added by Stats. 1990, Ch. 199, Sec. 1.*)

7930. The Legislature finds and declares all of the following:

- (a) The explosive demand for new area codes in California requires more area codes to be established than was envisioned when this chapter and Section 2887 were enacted in 1990.
- (b) Because of the advent of competition in the local telecommunications market, and a decision by the Federal Communications Commission, new area codes are established by the North American Numbering Plan Administrator in conjunction with the commission and members of the telecommunications industry.
- (c) In order to eliminate potential confusion for all the parties involved in the process of establishing new area codes, the changes to this chapter enacted in the 1997–98 Regular Session include identifying “providers” in Section 7931.
- (d) The “providers” specified in Section 7931 include telephone corporations and resellers that are regulated by the commission, and paging companies that are not regulated by the commission. It is necessary to include all of these entities within the term “providers” in order to effectively meet the needs of the state as they relate to the establishment of new area codes. The Legislature does not, however, by including paging companies as “providers” in Section 7931, intend to expand the jurisdiction of the commission over paging companies beyond the requirements of this chapter. The Legislature continues to recognize the status of paging companies as unregulated entities.

(Repealed and added by Stats. 1998, Ch. 534, Sec. 3. Effective January 1, 1999.)

7931. (a) This chapter is applicable to telephone corporations, including resellers, and to paging companies, hereafter referred to as providers.

(b) For purposes of this chapter, “coordinator” means the “coordinator for California area code relief” as designated by the North American Numbering Council.

(c) Whenever the coordinator and providers evaluate the potential boundaries of a new area code, they shall consider rate area boundaries, municipal boundaries, communities of interest, and other appropriate criteria.

(d) When the coordinator determines the need to establish a new area code, at least 30 months prior to the projected opening of the new area code, the coordinator shall provide written notice to the commission regarding the need to establish the new area code.

(e) From the date the written notice required by subdivision (d) is received by the commission all of the following shall be done:

(1) Within three months all providers shall notify all affected customers in writing of the need to establish a new area code. Nothing in this paragraph requires a customer to receive in one bill more than one notice for each billed number.

(2) Within nine months the coordinator and the commission staff shall notify representatives of local jurisdictions and the public in affected geographic areas, and, at the discretion of the commission, may conduct one or more meetings both for representatives of local jurisdictions and for members of the public in affected geographic areas to inform them of the proposed area code relief options and of measures that may be taken to mitigate any potential disruptions, and to afford them the opportunity to discuss the potential impact of the proposed options.

(3) Within 11 months the coordinator shall file the results of the area code relief planning process with the commission requesting commission approval to implement a plan. Anyone may contest the results of the area code planning process by filing a written protest with the commission not later than 60 days after the results have been filed with the commission.

(f) Unless the commission determines otherwise, at least 12 months prior to the date adopted by the commission for opening the new area code, all of the following shall be done:

(1) The coordinator shall notify the general public of the specific geographic area to be included in both the old and new area codes. The notice shall include the schedule for any transitional dialing periods required by Section 7932.

(2) Each telephone provider serving the specific geographic area included in the existing area code shall give written notice to all its affected customers about the specific geographic area that will be included in the new area code. The notice shall include the schedule for any transitional dialing periods required by Section 7932, and the prefixes that will be contained in the new area code. Nothing in this paragraph requires a customer to receive in one bill more than one notice for each billed telephone number.

(g) Within three months prior to the adopted date for opening the new area code, each provider serving the existing area code shall give written notice to its affected customers of the specific geographic boundaries of the new area code. The notice shall include the schedule for any transitional periods required by Section 7932, and the prefixes that will be contained in the new area code. Nothing in this paragraph requires a customer to receive in one bill more than one notice for each billed number.

(Amended by Stats. 2017, Ch. 425, Sec. 13. (SB 385) Effective January 1, 2018.)

7932. (a) Whenever a provider opens a new area code, it shall do all of the following:

(1) If the new area code plan permits seven-digit dialing, provide for a transitional dialing period during which a number in the new area code, or a number in the existing area code, may be reached by dialing either the seven-digit called number, or the area code plus the seven-digit called number.

(2) Subsequent to the transitional dialing period provided in paragraph (1), if prefix codes are available, permit callers to reach a recorded announcement, without charge, that will inform the caller of the new area code when the existing area code is dialed.

(3) If the new area code plan requires 10-digit dialing within an area code, provide for any transitional dialing period or recorded announcements the commission may order.

(b) Paragraphs (1) and (2) of subdivision (a) shall no longer be operative if an authorized federal or state agency orders mandatory 10-digit dialing.

(Added by renumbering Section 7931 by Stats. 1998, Ch. 534, Sec. 5. Effective January 1, 1999.)

7933. The rate structure of any call originating in or made to an area code shall not change with the split of an area code into two or more area codes, regardless of the number of digits dialed.

(Added by renumbering Section 7932 by Stats. 1998, Ch. 534, Sec. 6. Effective January 1, 1999.)

7934. The Legislature finds and declares all of the following:

(a) The number of area codes in this state has more than doubled since 1991.

(b) The proliferation of area codes has caused undue hardship on citizens of this state, who have begun to be forced into new area codes after years of having the same telephone number.

(c) That proliferation has substantially increased costs to businesses, individuals, and government agencies.

(d) New area codes require the replacement of business cards and letterhead stationery, and companies must use employee time contacting their customers to ensure that those customers are able to continue to reach the affected company.

(e) The proliferation of area codes has also reduced worker productivity as employees begin using new and unfamiliar area codes.

(f) It is the policy of the Legislature that existing area codes should be preserved for as long as possible.

(g) It is the further policy of the Legislature that the hardship currently experienced by telecommunications customers as a result of the creation of new area codes should be alleviated.

(h) For all of the reasons stated above, it is necessary for the commission, as a public agency, to take all possible measures to protect area codes as a public resource, stop area code proliferation, and review their existing practice of establishing new area code regions and the creation of area code overlays.

(Added by Stats. 1999, Ch. 809, Sec. 2. Effective October 10, 1999.)

7935. (a) The commission shall develop and implement any measures it determines to be available for telephone corporations that possess prefixes to efficiently allocate telephone numbers within those prefixes. The commission shall consider the cost effectiveness of these measures before requiring implementation. Among the measures the commission shall consider are rate center consolidation, allocation of numbers in blocks smaller than 10,000, and unassigned number porting.

(b) For the purpose of this section, in accordance with the North American Numbering Plan, a telephone number consists of a three digit area code or number plan area (NPA), a three digit prefix or NXX code, and a four digit line number.

(Added by Stats. 1999, Ch. 809, Sec. 3. Effective October 10, 1999.)

7936. The commission shall direct the North American Numbering Plan Administrator to obtain utilization data for any area code for which a relief plan is proposed, prior to adopting a plan for, or setting a date for, relief.

(Added by Stats. 1999, Ch. 809, Sec. 4. Effective October 10, 1999.)

7938. The commission shall require, as an interim measure until the commission develops procedures for number pooling or adopts utilization standards, that number assignments made by telephone corporations to their customers shall be made first from prefixes that are more than 25 percent in use. A telephone corporation may assign numbers from prefixes with less than 25 percent use only to the extent necessary, if numbers from prefixes that are more than 25 percent in use are not otherwise available.

(Added by Stats. 1999, Ch. 809, Sec. 6. Effective October 10, 1999.)

7939. (a) If the commission or an authorized federal agency establishes a process to ensure that telephone numbers can be allocated in blocks smaller than 10,000, the commission shall require that a telephone corporation return to the North American Numbering Plan Administrator blocks of telephone numbers for reassignment, in a quantity determined by the commission.

(b) The commission shall direct the North American Numbering Plan Administrator to seek the return of blocks of numbers smaller than 10,000 not in use. The commission, for purposes of this section, shall define "not in use."

(Added by Stats. 1999, Ch. 809, Sec. 7. Effective October 10, 1999.)

7940. A telephone corporation doing business in this state that possesses one or more telephone number prefixes, or portions thereof, shall provide to the commission or its agent, upon request, use information pertaining to both those prefixes in use and those prefixes not in use, according to any schedule established by the commission.

(Added by Stats. 1999, Ch. 809, Sec. 8. Effective October 10, 1999.)

7943. (a) It is the intent of the Legislature that when the commission has no reasonable alternative other than to create a new area code, that the commission do so in a way that creates the least inconvenience for customers.

(b) The commission shall request that the Federal Communications Commission grant authority for the commission to order telephone corporations to assign telephone numbers dedicated to mobile telephony service and mobile data service, as defined in Section 224.4, to a separate area code and to permit seven digit dialing within that technology-specific area code and the underlying preexisting area code or codes.

(c) Before approving any new area code, the commission shall first perform a telephone utilization study and implement all reasonable telephone number conservation measures.

(d) If the commission receives the grant of authority set forth in subdivision (b) and determines that further area code relief is needed, the commission shall exercise the authority granted to it in subdivision (b) unless it finds at least one of the following:

(1) Exercising the authority granted by subdivision (b) would be more disruptive to the customers where area code relief has been determined to be necessary.

(2) Exercising the authority granted by subdivision (b) will not adequately extend the life of the area code where relief has been determined to be necessary.

(e) The commission may not implement any authority granted by the Federal Communications Commission pursuant to subdivision (b), in a manner that impairs the ability of a customer to have number portability.

(Amended by Stats. 2006, Ch. 198, Sec. 25. Effective January 1, 2007.)

Background Information for the 530 NPA Relief Project

Relief Planning Background

In 1997 due to substantial growth in the 916 NPA, area code relief was needed. The California Public Utilities Commission approved a geographic split of the 916 NPA and the 530 NPA was introduced in November 1997. The 530 NPA is in the northeastern portion of California and covers all or portions of Alpine, Butte, Colusa, El Dorado, Glenn, Humboldt, Lassen, Modoc, Mono, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Solano, Sutter, Tehama, Trinity, Yolo, and Yuba counties. It serves communities including but not limited to Chico, Davis, El Dorado Hills, Oroville, Paradise, Placerville, Red Bluff, Redding, South Lake Tahoe, Truckee, Woodland, and Yuba City.

The 530 NPA is bordered to the north by the Oregon 541/458 NPA overlay, to the east by the Nevada 775 NPA, to the south by the 209 NPA, 760/442 and the 916/279 NPA overlays and to the west by the 707 NPA.

On July 16, 2020, the FCC adopted an Order (FCC 20-100) approving the designation of 988 as the 3-digit abbreviated dialing code for the national suicide prevention and mental health crisis hotline, requiring all telecommunications carriers, interconnected Voice over Internet Protocol (VoIP) providers, and one-way VoIP providers (covered providers) to make any network changes necessary to ensure that users can dial 988 to reach the existing National Suicide Prevention Lifeline: 1-800-273-8255 / 1-800-273 (TALK) by July 16, 2022. The Order requires covered providers to implement mandatory 10-digit dialing in NPAs that use both 7-digit dialing and 988 as an NXX. Telecommunications carriers enforced mandatory 10-digit local dialing on July 15, 2022. The 530 NPA transitioned to 10-digit local dialing to ensure users can dial 988 and reach the National Suicide Prevention Lifeline. Information pertaining to the transition to 10-digit local dialing due to the designation of the 988, three-digit access code can be found in Planning Letter 556 ([PL-556](#)) which is available on the NANPA website.

As stated in section 5.6.3 of the NPA Relief Planning and Notification Guidelines, “Where NPA relief is required for a single NPA area that is scheduled to transition to 10-digit local dialing or has already transitioned to 10-digit local dialing, then the Initial Planning Document, relief planning meeting, and industry consensus to recommend an overlay is not required. NANPA shall draft a relief plan filing requesting approval of the overlay and recommending an implementation schedule including a timeframe for network preparation and customer education, with the new NPA effective at the end of the implementation schedule. There is no need for a permissive dialing period because 10-digit local dialing will already be in place. The draft filing shall include the state’s existing overlay dialing plan.” An area code overlay is the only option for relief of the 530 NPA. Adding a new NPA overlay to the 530 NPA will give the 530 NPA approximately 45 years until subsequent area code relief planning would be needed.

Exhaust Forecast

The April 2022 Numbering Resource Utilization/Forecast (NRUF) and NPA Exhaust Analysis (“April 2022 NRUF Report”), published by NANPA, projected the exhaust of the 530 NPA during the second quarter of 2026. Due to an increase in Central Office code assignments, a modification was made to the April 2022 NRUF Report and NANPA published a Delta NRUF on June 13, 2022 revising the projected exhaust date to the third quarter of 2025.

CURRENT DIALING PLAN OF THE 530 NPA

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)

California Central Office Code Summary

NPA	530					
Assigned NXXs	738					
Reserved NXXs	0					
Unavailable NXXs	19					
Available NXXs	43					
Total	800					
Code Assignment History	2017	2018	2019	2020	2021	2022
	11	9	6	10	13	21*
*As of August 3, 2022						
Delta NRUF Published June 13, 2022	3Q2025					
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, time), N11 and other unique codes (e.g., 976, 950) and codes with special dialing arrangements (e.g., 7-digit dialing across NPA boundary).						

THOUSANDS-BLOCK STATISTICS	
ST/NPA:	CA 530
MEETING DATE:	8/24/22
POOL START DATE (PSD)	9/12/02
RATE CENTERS	
# Total	131
# Mandatory	25
# Mandatory-Single Service Providers (M*)	0
# Optional	92
# Excluded	14
BLOCKS ASSIGNED	
# Total	327
<i>(For time period 8/01/21- 8/02/22)</i>	
BLOCKS AVAILABLE	
#Total	663
<i>(As of preparation date: 8/02/22)</i>	
CODES ASSIGNED	
# Total	30
# for Pool Replenishment	23
# for Dedicated Customers	0
# for LRNs	7
<i>(For time period 8/01/21 -8/02/22)</i>	
CODES FORECASTED	
# Total	8
# for Pool Replenishment and Dedicated Customers	8
# for LRNs	0
<i>(For the next twelve months as of: 8/02/22)</i>	

CALIFORNIA 530 NPA CENTRAL OFFICE CODE HOLDERS		
NPA	OCN	Company
530	073H	TELNYX LLC
530	103G	SNOWCREST TELEPHONE, INC -CA
530	114J	EXIANT COMMUNICATIONS LLC
530	145J	TERRA NOVA TELECOM INC.
530	197D	VONAGE AMERICA LLC
530	222H	LOCAL ACCESS SERVICES LLC - CA
530	2308	CITIZENS TELECOM CA. DBA FRONTIER COM OF CA
530	2311	CAL-ORE TELEPHONE CO.
530	2313	DUCOR TEL. CO.
530	2315	GLOBAL VALLEY NETWORKS
530	2318	FORESTHILL TEL. CO., INC.
530	2321	HAPPY VALLEY TEL. CO.
530	2339	SISKIYOU TEL. CO.
530	2342	CITIZENS TELECOM DBA FRONTIER COMM OF TOULUMNE
530	2360	CENTURYTEL OF OREGON, INC. DBA CENTURYLINK
530	252F	WIDE VOICE, LLC - CA
530	258E	YMAX COMMUNICATIONS CORP. - CA
530	318J	COMCAST IP PHONE, LLC
530	321J	HD CARRIER LLC
530	3402	CITIZENS TELECOMM DBA FRONTIER COMM GOLDEN STATE
530	373F	PEERLESS NETWORK OF CALIFORNIA, LLC - CA
530	388E	CEBRIDGE TELECOM CA, LLC DBA SUDDENLINK COMMS - CA
530	4129	O1 COMMUNICATIONS, INC. - CA
530	425J	CSC WIRELESS, LLC
530	4420	FRONTIER CALIFORNIA INC.
530	506J	TWILIO INTERNATIONAL, INC.
530	508J	CENTURYLINK COMMUNICATIONS, LLC
530	515J	IP HORIZON LLC
530	516C	AT&T CORP.
530	516J	TON80 COMMUNICATIONS, LLC
530	5562	METROPCS, INC.
530	566J	RADIANTIQ LLC
530	6006	CELLCO PARTNERSHIP DBA VERIZON WIRELESS - CA
530	6010	NEW CINGULAR WIRELESS PCS, LLC
530	622J	SKYE TELECOM LLC DBA SKYETEL

530	624H	ONVOY SPECTRUM, LLC
530	6261	UNITED STATES CELLULAR - CA
530	649C	ONVOY, LLC - CA
530	6529	T-MOBILE USA, INC.
530	6664	SPRINT SPECTRUM, L.P.
530	671J	U.S. TELEPACIFIC CORP. DBA TPX COMMUNICATIONS
530	683G	INTRADO COMMUNICATIONS, LLC
530	6906	AMERICAN MESSAGING SERVICES, LLC
530	700J	WAVENATION, LLC
530	7128	MCIMETRO ACCESS TRANSMISSION SERVICES LLC - CA
530	7145	TELEPORT COMMUNICATIONS AMERICA, LLC - CA
530	7229	MCIMETRO ACCESS TRANSMISSION SERVICES LLC
530	7262	XO CALIFORNIA, INC.
530	734E	CAL-ORE COMMUNICATIONS, INC. - CA
530	7421	AT&T - LOCAL
530	7453	US TELEPACIFIC CORP. - CA
530	748D	MPOWER NETWORKS SERVICES INC. - CA
530	776C	CHARTER FIBERLINK CA-CCO, LLC - CA
530	7894	NORTH COUNTY COMMUNICATION CORPORATION - CA
530	808C	INTRADO COMMUNICATIONS, LLC
530	8322	MPOWER COMMUNICATIONS CORP. - CA
530	863F	FRONTIER COMMUNICATIONS OF THE SOUTHWEST INC. - CA
530	8690	GLOBAL CROSSING LOCAL SERVICES, INC. - CA
530	8782	ALLEGIANCE TELECOM, INC. - CA
530	8826	LEVEL 3 COMMUNICATIONS, LLC - CA
530	9262	UTILITY TELECOM GROUP, LLC - CA
530	939H	COMMIO, LLC
530	965H	FRACTEL, LLC
530	9740	PACIFIC BELL
530	9748	AMERICAN MESSAGING SERVICES, LLC
530	981E	BANDWIDTH.COM CLEC, LLC - CA
530	996H	AIRESPRING, INC.

CALIFORNIA 530 NPA THOUSANDS-BLOCK HOLDERS WITHOUT ANY ASSIGNED CENTRAL OFFICE CODES		
NPA	OCN	Company
530	3964	CONSOLIDATED COMMUNICATIONS ENTERPRISE SVCS, INC
530	4733	PAETEC COMMUNICATIONS, INC. - CA

530	485E	ASTOUND BROADBAND, LLC - CA
530	7174	ELECTRIC LIGHTWAVE LLC DBA ALLSTREAM
530	7718	LEVEL 3 TELECOM OF CALIFORNIA, LP - CA

CALIFORNIA 530 NPA RATE CENTER LIST		
NPA	Abbreviated Rate Center	Rate Center Full Name
530	ADIN	ADIN
530	ALLEGHANY	ALLEGHANY
530	ALPINE	ALPINE
530	ALTA	ALTA
530	ALTURAS	ALTURAS
530	ANDERSON	ANDERSON
530	ARBUCKLE	ARBUCKLE
530	AUBN MAIN	AUBURN:MAIN DA
530	AUBN NORTH	AUBURN:NORTH DA
530	BANGOR	BANGOR
530	BIEBER	BIEBER
530	BIGGS	BIGGS
530	BLAIRSDEN	BLAIRSDEN
530	BURNEY	BURNEY
530	BUTTE CITY	BUTTE CITY
530	CAMPTONVL	CAMPTONVILLE
530	CEDARVILLE	CEDARVILLE
530	CHALLENGE	CHALLENGE
530	CHESTER	CHESTER
530	CHICO	CHICO
530	CLFX WEMR	COLFAX:WEIMAR DA
530	COLEVILLE	COLEVILLE
530	COLFAX	COLFAX
530	COLUSA	COLUSA
530	CORNING	CORNING
530	COTTONWOOD	COTTONWOOD
530	DAVIS	DAVIS

530	DORRIS	DORRIS
530	DOWNIEVL	DOWNIEVILLE
530	DUNNIGAN	DUNNIGAN
530	DUNSMUIR	DUNSMUIR
530	EAGLE LAKE	EAGLE LAKE
530	ELK CREEK	ELK CREEK
530	ESPARTO	ESPARTO
530	ETNA	ETNA
530	FALLRVRMLS	FALL RIVER MILLS
530	FORESTHILL	FORESTHILL
530	FORT JONES	FORT JONES
530	FRENCHGLCH	FRENCH GULCH
530	GAZELLE	GAZELLE
530	GEORGETOWN	GEORGETOWN
530	GERBER	GERBER
530	GREENVILLE	GREENVILLE
530	GRENADA	GRENADA
530	GRIDLEY	GRIDLEY
530	GRIMES	GRIMES
530	GRVY MAIN	GRASS VALLEY: MAIN DA
530	GRVY SOUTH	GRASS VALLEY: SOUTH DA
530	GUINDA	GUINDA
530	HAMBURG	HAMBURG
530	HAPPY CAMP	HAPPY CAMP
530	HAYFORK	HAYFORK
530	HERLONG	HERLONG
530	HOMEWOOD	HOMEWOOD
530	HOOPA	HOOPA
530	HORNBROOK	HORNBROOK
530	JANESVILLE	JANESVILLE
530	KEDDIE	KEDDIE

530	KNIGHTSLDG	KNIGHTS LANDING
530	LEWISTON	LEWISTON
530	LIVE OAK	LIVE OAK (SUTTER)
530	LK ALMANOR	LAKE ALMANOR
530	LOSMOLINOS	LOS MOLINOS
530	LOYALTON	LOYALTON
530	MACDOEL	MACDOEL
530	MARYSVILLE	MARYSVILLE
530	MAXWELL	MAXWELL
530	MCCLOUD	MCCLOUD
530	MERIDIAN	MERIDIAN
530	MILLVILLE	MILLVILLE
530	MINERAL	MINERAL
530	MINERSVL	MINERSVILLE
530	MONTAGUE	MONTAGUE
530	MONTGOYCRK	MONTGOMERY CREEK
530	MT SHASTA	MOUNT SHASTA
530	NEVADACITY	NEVADA CITY
530	NEWELL	NEWELL
530	NEWPINECRK	NEW PINE CREEK
530	NICOLAUS	NICOLAUS
530	NORTH YUBA	NORTH YUBA
530	NOSAN JUAN	NORTH SAN JUAN
530	NTAH BCWY	NORTH TAHOE:BROCKWAY DA
530	NTAH THCY	NORTH TAHOE:TAHOE CITY DA
530	OAK KNOLL	OAK KNOLL
530	OAK RUN	OAK RUN
530	OLINDA	OLINDA
530	ORLAND	ORLAND
530	ORLEANS	ORLEANS
530	OROVILLE	OROVILLE

530	PARADISE	PARADISE
530	PASKENTA	PASKENTA
530	PAYNES CRK	PAYNES CREEK
530	PLATINA	PLATINA
530	PLVL KYBRZ	PLACERVILLE:KYBURZ DA
530	PLVL SOUTH	PLACERVILLE:SOUTH DA
530	PLVL WEST	PLACERVILLE:WEST DA
530	PORTOLA	PORTOLA
530	PRINCETON	PRINCETON
530	QUINCY	QUINCY
530	RANCHOTHMA	RANCHO TEHAMA
530	RAVENDALE	RAVENDALE
530	RED BLUFF	RED BLUFF
530	REDDING	REDDING
530	RICHVALE	RICHVALE
530	ROBBINS	ROBBINS
530	SAWYERSBAR	SAWYERS BAR
530	SHASTALAKE	SHASTA LAKE
530	SHINGLESPG	SHINGLE SPRINGS
530	SHINGLETN	SHINGLETOWN
530	SIERRAVL	SIERRAVILLE
530	SMARTSVL	SMARTSVILLE
530	SODA SPG	SODA SPRINGS
530	SOMES BAR	SOMES BAR
530	SOUTHTAHOE	SOUTH TAHOE
530	STONYFORD	STONYFORD
530	SUSANVILLE	SUSANVILLE
530	TRINITYCTR	TRINITY CENTER
530	TRUCKEE	TRUCKEE
530	TULELAKE	TULELAKE
530	VERDI	VERDI

530	VINA	VINA
530	WEAVERVL	WEAVERVILLE
530	WEED	WEED
530	WESTWOOD	WESTWOOD
530	WHEATLAND	WHEATLAND
530	WILLIAMS	WILLIAMS
530	WILLOW CRK	WILLOW CREEK (HUMBOLDT)
530	WILLOWS	WILLOWS
530	WINTERS	WINTERS
530	WOODLAND	WOODLAND
530	YREKA	YREKA

458/541 AREA CODE

530 AREA CODE



707 AREA CODE

775 AREA CODE



279/916
AREA CODE

209 AREA CODE

442/760
AREA CODE



California 530 Area Code Rate Center Map

-  Area Code Boundary
-  Rate Center Boundary

July 2022

530 AREA CODE

458/541 AREA CODE

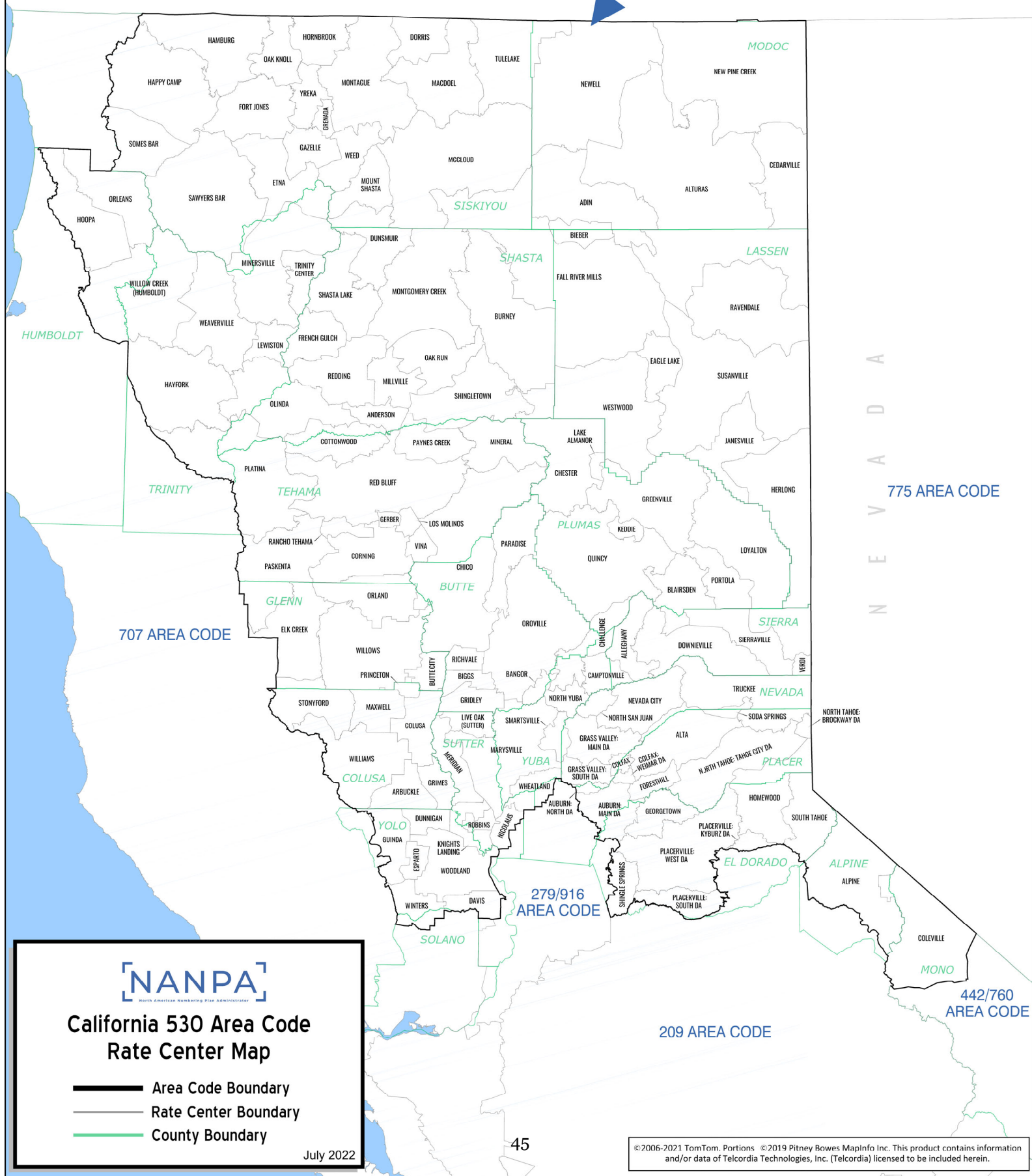


EXHIBIT B



September 20, 2022

To: All 530 NPA Code Holders and Interested Industry Members (California)

Subject: Final Minutes of the Draft Application Review Meeting for the 530 NPA

Attached are the final minutes from the August 24, 2022 draft application review meeting for the California 530 NPA. These minutes became final on September 14, 2022.

If you have any questions, you can reach me at hwayman@nanpa.com or 571-363-3824.

Sincerely,

Heidi A. Wayman
Manager, Data Management
NANPA

CC: Joanne Leung – CPUC Staff

**CALIFORNIA 530 NPA
Draft Application Review Meeting
via Web Conference
Final Minutes
August 24, 2022**

WELCOME, INTRODUCTIONS & AGENDA REVIEW

Heidi Wayman, Manager, Data Management, North American Numbering Plan Administrator (“NANPA”), opened the meeting with introductions and a review of the agenda. A list of attendees can be found in Attachment #1.

REVIEW CONSENSUS PROCESS AND NPA RELIEF PLANNING GUIDELINES

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

NANPA’s ROLE AND RESPONSIBILITIES

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

- NANPA starts the relief planning process 36 months prior to exhaust of the Numbering Plan Area (“NPA”). The April 2022 Numbering Resource Utilization/Forecast (NRUF) and NPA Exhaust Analysis (“April 2022 NRUF Report”), projected exhaust for the 530 NPA at second quarter of 2026 (2Q2026). Due to an increase in code assignments a revised forecast was published known as a Delta NRUF revising the exhaust date to third quarter of 2025 (3Q2025). Relief planning is to start in the third quarter of 2022.
- Distribute the notice with the draft application three weeks prior to the initial relief planning meeting which was completed on August 3, 2022.
- The main objective of this meeting is to reach consensus on the application for relief to be filed with the California Public Utilities Commission (“Commission”).
- Determine any additional items to include in a filing with the Commission such as the state dialing plan, implementation intervals and comply with any state- specific requirements.
- Then NANPA is charged with the responsibility of filing a relief application, on behalf of the telecommunications industry of California (“Industry”), with the Commission. Once the Industry comes to consensus on what should be included in the filing, NANPA will file the legal document within six weeks of today’s meeting per the NPA Code Relief Planning and Notification Guidelines (ATIS-0300061, “Guidelines”) or as decided by the Industry or as required by the state statute.

An overlay is the only option for relief of the 530 NPA, per Section 5.6.3 of the Guidelines which state:

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

NANPA shall draft a relief plan filing requesting approval of the overlay and recommending an implementation schedule including a timeframe for network preparation and customer education, with the new NPA effective at the end of the implementation schedule. There is no need for a permissive dialing period because 10-digit local dialing will already be in place. The draft filing shall include the state's existing overlay dialing plan.

NANPA shall notify all Affected Parties at least three (3) weeks in advance of a conference call scheduled to review and approve the draft filing. During the conference call, the timeframes for the implementation schedule will be determined. The recommended relief should be in place six (6) months prior to the forecasted exhaust (see Section 7.2). As usual, meeting minutes shall be produced and distributed by NANPA within 14 calendar days of the conference call.

Heidi reviewed Guidelines Section 6.3:

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.

Also reviewed Guidelines Section 7.2:

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.

Heidi referred the participants to the relief planning meeting aids included in the meeting notice, excerpts from the Guidelines, and the Customer Education and Technical Milestones. These meeting aids will assist the participants in their decision making and the Guidelines can be downloaded from the ATIS web site at: www.atis.org.

BACKGROUND:

In 1997 due to substantial growth in the 916 NPA, area code relief was needed. The California Public Utilities Commission approved a geographic split of the 916 NPA and the 530 NPA was introduced in November 1997. The 530 NPA is in the northeastern portion of California and covers all or portions of Alpine, Butte, Colusa, El Dorado, Glenn, Humboldt, Lassen, Modoc, Mono, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Solano, Sutter, Tehama, Trinity, Yolo, and Yuba counties. It serves communities including but not limited to Chico, Davis, El Dorado Hills, Oroville, Paradise, Placerville, Red Bluff, Redding, South Lake Tahoe, Truckee, Woodland, and Yuba City.

The 530 NPA is bordered to the north by the Oregon 541/458 NPA overlay, to the east by the Nevada 775 NPA, to the south by the 209 NPA, 760/442 and the 916/279 NPA overlays and to the west by the 707 NPA.

On July 16, 2020, the FCC adopted an Order (FCC 20-100) approving the designation of 988 as the 3-digit abbreviated dialing code for the national suicide prevention and mental health crisis hotline, requiring all telecommunications carriers, interconnected Voice over Internet Protocol (VoIP) providers, and one-way VoIP providers (covered providers) to make any network changes necessary to ensure that users can dial 988 to reach the existing National Suicide Prevention Lifeline: 1-800-273-8255 / 1-800-273 (TALK) by July 16, 2022. The Order required covered providers to implement mandatory 10-digit dialing in NPAs that use both 7-digit dialing and 988 as an NXX. Telecommunications carriers enforced mandatory 10-digit local dialing on July 15, 2022. The 530 NPA transitioned to 10-digit local dialing to ensure users can dial 988 and reach the National Suicide Prevention Lifeline. Information pertaining to the transition to 10-digit local dialing due to the designation of the 988, three-digit access code can be found in Planning Letter 556 ([PL-556](#)) which is available on the NANPA website.

As previously reviewed in section 5.6.3 of the Guidelines, an area code overlay is the only option for relief of the 530 NPA. Adding a new NPA overlay to the 530 NPA will give the 530 NPA approximately 45 years until subsequent area code relief planning would be needed at the current assignment rate.

CENTRAL OFFICE (“CO”) CODE STATUS OF THE CALIFORNIA 530 NPA

Heidi provided a read-out of the monthly CO code assignment activity for the California 530 NPA. As of August 23, 2022, the 530 NPA has 738 CO codes assigned, 43 CO codes available for assignment and 19 unavailable CO codes. (See Attachment #2)

Exhaust Forecast

The April 2022 NRUF Report, published by NANPA, projected the exhaust of the 530 NPA

during the second quarter of 2026. Due to an increase in Central Office code assignments, a modification was made to the April 2022 NRUF Report and NANPA published a Delta NRUF on June 13, 2022, revising the projected exhaust date to the third quarter of 2025.

Thousands-block Status

Thousands-block pooling commenced in the 530 NPA on September 12, 2002. There are 131 rate centers: 25 are mandatory, 92 are optional and 14 are excluded from pooling. From August 1, 2021 through August 23, 2022, there were 338 blocks assigned and there are 654 blocks available as of August 23, 2022. For the same period, 30 CO codes have been assigned: 23 CO codes for pool replenishment and seven (7) CO codes for LRNs. The forecasted need for CO codes for the next twelve months is 11 CO codes for pool replenishment and dedicated customers. (See Attachment #3)

Heidi also reviewed the 530 NPA Rate Center Map and Rate Center Map with county boundaries including 131 rate centers and CO Code Holder and Thousands-block Holder Tables. There are 72 service provider OCNs assigned a CO code or thousands-block in the 530 NPA.

STATEMENT FOR THE RECORD

The following *Industry Statement for the Record and Recommended Public Education Program (PEP) for the 530 All-Services Distributed Overlay Nine-Month Implementation Plan* was provided during the meeting. After some discussion, the participating members reached consensus to include it in the minutes and have it included as Attachment #1 to the Application filed with the Commission.

Industry Statement for the Record

The Industry respectfully requests that the CPUC approve the industry's application to implement an all-services distributed overlay for relief of the 530 area code, including the proposed implementation interval and the attached proposed Public Education Program (PEP), no later than December 31, 2023. The Industry's proposed schedule and PEP allow the Industry to implement relief efficiently, avoid holiday network freeze timeframes, and reduce the risk of running out of numbers before relief is implemented.

The Industry will work together to ensure the overlay implementation is successful. No paid advertising is necessary for a successful implementation because:

- Mandatory 1+10-digit dialing is already in place. There's no need for a permissive dialing period or customer education about 1+10-digit dialing.
- Educating 530 customers about the new overlay area code is just an informational exercise. Californians are already very familiar with multiple area codes and mandatory 1+10-digit dialing. Mandatory 1+10-digit dialing is the predominant dialing plan in California, required in 35 of 38 area codes once the 209/350 and 707/369 overlays are implemented by February 2023.
- The Industry is quite experienced in educating customers about the introduction of new overlay area codes when mandatory 10-digit or 1+10-digit dialing is already in place. The industry is in the process of implementing such overlays as the California 209/350 and 707/369 overlays now, and no paid advertising is being used. Further, the Industry is the process of or has already completed implementation of similar overlays in Colorado, Florida, Georgia, Illinois, Maryland, Missouri, New York, North Carolina, Ohio, Pennsylvania, Texas and Wisconsin. No paid advertising has been used.

- Paid advertising requirements in PEPs create the need for a funding mechanism, and past PEPs demonstrate that the funding mechanism is a burdensome, inefficient and unnecessarily complex process shouldered unfairly by a few industry volunteers.
- For the 530 overlay with its simple informational messaging, paid advertising and a funded PEP doesn't make fiscal sense. It would be virtually impossible to implement a funded PEP within the recommended 9-month implementation schedule.

The recommended attached PEP is modeled after the recently approved PEPs for the 209/350 and 707/369 overlays where mandatory 1+10-digit dialing is already in place. However, in the recommended PEP, the special outreach requirements (Activity #6) include only the necessary groups that might require special notification of the new NPA when mandatory 1+10-digit dialing is already in place. Specifically, there's no need for special outreach to the following groups because they will be educated about the new NPA by their respective service providers: community-based organizations including senior, consumer and other advocacy/activist organizations; chambers of commerce, city councils, and other key government agencies, and; alarm service providers. This is consistent with the industry implementations of similar overlays in the states listed above.

**Recommended Public Education Program (PEP)
for the 530 All-Services Distributed Overlay
Nine-Month Implementation Plan**

Activity	Description	Audience	Shared or Individual Service Provider Effort	Completion Date
1	Effective date of decision approving an area code overlay for relief of the existing 530 area code.	N/A	N/A	Date of Decision (DOD)
2	First news release announcing the overlay area code relief plan, the overlay area code geographic boundaries, and the new overlay area code for issue within the 530 area code region. Post CPUC news release to CPUC website and social media platforms.	All customers	CPUC	DOD or within one week of DOD
3	NANPA 530 overlay implementation meeting, and request for industry participation on Public Education Plan (PEP) task force. Determination of Implementation Start Date (ISD).	CPUC staff and industry	Shared	6 weeks after DOD

4	Provide to CPUC Communications Division email or written confirmation from the California Telecommunications Industry identifying media coverage (including major local broadcast television stations) of the 530 area code overlay.		Shared	2 months after DOD
5	Overlay information distributed internally as a job aid for customer service representatives to answer customer questions. Representatives should not need to refer questions to the CPUC.	Customer service representatives	Individual	2 months after ISD
6	Provide by email targeted letters with the information in the Customer Notification, along with PEP Task Force contact information, to (1) public safety organizations and PSAPs, (2) the telephone directory publishers association, and (3) California Relay Services throughout the 530 area code region. Request that these organizations distribute the information to their members.	public safety organizations and PSAPs, telephone directory publishers, and California Relay Services	Shared	2 months after ISD
7	530 overlay update to industry websites.	All customers	Individual	3 months after ISD
8	Second news release reminding the public of the 530 overlay area code relief plan, the overlay area code geographic boundaries, and the new overlay area code for issue within the 530 area code overlay region. Post CPUC news release to CPUC website and social media platforms.	All customers	Shared	4 months after ISD
9	Provide to CPUC Communications Division second email or written confirmation from the California Telecommunications Industry identifying media coverage (including major local broadcast television stations) of the 530 area code overlay.		Shared	5 months after ISD
10	Third news release reminding the public of the 530 overlay area code relief plan, the overlay area code geographic boundaries, and the new overlay area code for issue within the 530 area code region. Post CPUC news release to CPUC website and social media platforms.	All customers	Shared	8.5 months after ISD
11	Provide to CPUC Communications Division third email or written confirmation from the California Telecommunications Industry identifying media coverage (including local broadcast television stations) of the 530 area code overlay.		Shared	9.5 months after ISD

12	Published Directories: Add information on cover to alert customers in 530 area about the new overlay area code	All customers	Individual	9 months after ISD
13	Single customer notification runs for two bill cycles: Announce the new 530 area code overlay, indicate the affected areas, and the new area code effective date.	All customers	Individual	9 months from ISD
14	New NPA/Area Code effective and implementation completed			9 months from ISD

REVIEW DRAFT RELIEF APPLICATION FOR THE 530 NPA

Heidi reviewed the draft relief petition for the 530 NPA distributed on August 3, 2022, which recommends an all-services distributed overlay. A new NPA code would be assigned to the same geographic area occupied by the existing 530 NPA. Customers would retain their current telephone numbers. The projected life of the new area code is approximately 45 years based on current assignment rates. Consensus was reached to approve NANPA's recommended petition as edited by the participants during the meeting.

Consensus was reached on the following dialing plan which remains consistent with the dialing plan for overlays in California and is the current dialing plan of the 530 NPA:

Dialing Plan for the All-Services Overlay

Type of call	Call terminating to	Dialing plan
Local	Home NPA (HNPA) or Foreign NPA (FNPA)	1 + 10-digits (1 + NPA-NXX-XXXX)
Toll	HNPA or FNPA	1 + 10-digits (1 + NPA-NXX-XXXX)
Operator Utilities Credit card, collect, third party	HNPA or FNPA	0 + 10-digits (0 + NPA-NXX-XXXX)

ESTABLISH IMPLEMENTATION SCHEDULE

A recommendation was made, and consensus was reached to recommend to the Commission a 9-month schedule for implementation of the overlay with the new NPA becoming effective 6-months prior to the forecasted exhaust date. Since mandatory 1+10-digit dialing is already in place, a permissive dialing period is not needed. The meeting participants also reached consensus to recommend that CO codes will not be assigned in the new overlay NPA until all available codes in the 530 NPA have been assigned. The recommended schedule is as follows:

Implementation Schedule for an All-Services Overlay

EVENT	TIMEFRAME
Customer Education and Network Preparation Period*	9 months
Earliest Activation of CO codes in the new NPA **	At completion of Customer Education and Network Preparation Period and after all 530 CO codes are exhausted <i>Six months prior to exhaust</i>

* There is no requirement for a permissive dialing period because mandatory 1+10-digit local dialing is already in place.

**CO codes in the new NPA will not be assigned until all available codes in the existing 530 NPA are exhausted.

CUSTOMER EDUCATION PLAN

There was discussion regarding any additional items to be included in the application and consensus was reached that the customer education milestones are included in the Industry's *Recommended Public Education Program (PEP) for the 530 All-Services Distributed Overlay*. Additionally, consensus was reached to include the following technical milestones that will be utilized by the Industry for implementation of an initial overlay when mandatory 1+10-digit dialing is already in effect.

Customer Education Milestones:

To review the customer education milestones, see the Industry's *Recommended Public Education Program (PEP) for the 530 All-Services Distributed Overlay* which is included in the meeting minutes under "Statement for the Record" and will also be included as Attachment #1 to the application for relief filed with the Commission.

Technical Milestones:

	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 ESN/NPD has been established for the new NPA	E911 Providers
5 Ensure SRDB table has new NPA built in	E911 Providers
6 Notify PSAPs, PSALI customers and County Coordinators (1st and 2nd Notification)	E911 Providers
7 Review and Submit CLEC Trunk Order Requests to local provider if needed	All Service Providers (as needed)
8 Update PSAP equipment	PSAPs
9 Trunk Orders Complete	E911 Providers
10 Build E911 Network/Tandem Translations	E911 Providers

11 Verify if all PSAP work has been completed	PSAPs
12 Activate E911 Network/Tandem Translations	E911 Providers

The above are the typical milestones necessary for implementation of an initial overlay when mandatory 1+10-digit dialing is already in place; however, these may need to be modified during the actual implementation.

STATE STATUTE REQUIREMENTS

Heidi mentioned that the California Public Utilities Code, Section 7931, has certain notification requirements: NANPA is to formally notify the CPUC at least **30 months prior** to the projected opening of a new NPA;

-Within three-months of that notice, all Service Providers are to notify all customers in writing of the need to establish a new area code and;

-Within 9 months of that notice to the CPUC the staff and the area code relief coordinator (NANPA) are to notify representatives of local jurisdictions and the public in affected geographic areas, and, at the discretion of the commission, may conduct one or more meetings both for representatives of local jurisdictions and members of the public to inform them of the proposed area code relief;

-Then within 11 months of that notice NANPA will file the results of the area code relief planning process with the CPUC requesting approval to implement a plan.

Heidi stated a formal notification will be sent by NANPA to the Commission notifying the Commission a new area code is needed for relief of the 530 NPA. The notification to the Commission will be posted via the NANP Notification System (“NNS”). In lieu of public meetings, the Commission staff and NANPA will be recording a webcast which will be posted to the Commission website. Within three months of this notice being sent to the Commission, all service provider OCNs with assigned CO codes or thousands-blocks must inform their customers of the need for the new area code and the webcast. The customer notice verbiage will be drafted and approved by the Commission staff and sent out via NNS as well as emailed to all service provider OCNs in the 530 NPA. The customer notice will be posted via NNS and emailed to each service provider OCN in the 530 NPA. Heidi reminded the participants to keep their NAS user profiles active to ensure they are receiving NNS notifications.

OPEN DISCUSSION

There were no additional questions raised.

NANPA FILING INDUSTRY EFFORTS WITH COMMISSION

Participants reached consensus that NANPA will file the application for relief with the Commission informing it of the outcome of this relief planning meeting. The application is to be filed with the regulator within 6 weeks (October 5, 2022) of the initial relief planning meeting pursuant to the Guidelines unless otherwise decided by the Industry.

MEETING MINUTES DISTRIBUTION AND APPROVAL OF THE MINUTES

There was no objection to forgoing a meeting to approve the draft minutes. The draft minutes resulting from this meeting will be distributed to the Industry by posting them on the NANPA website no later than September 7, 2022. The Industry is to provide any suggested edits to Heidi

Wayman via email at hwayman@nanpa.com. Any changes to the minutes should be provided no later than September 14, 2022, when the minutes will become final.

NANPA Meeting Adjourned

#

These minutes became final on September 14, 2022.

**California 530 NPA
Draft Application Review Meeting
August 24, 2022
Participants**

NAME	COMPANY
Sharon Poer	AT&T
Joanne Leung	California Public Utilities Commission
Leslie Miklos	Consolidated Communications
Ellen Washbon	Frontier
Heidi Wayman	NANPA
Cecilia McCabe	NANPA
Linda Hymans	NANPA
Mark Apland	Siskiyou Telephone Company
Shaunna Forshee	T-Mobile
Karen Riepenkroger	T-Mobile
Anne Chism	TDS
Paul Nejedlo	TDS
Chanda Brown	Verizon
Dana Crandall	Verizon Wireless

California Central Office Code Summary						
NPA	530					
Assigned NXXs	738					
Reserved NXXs	0					
Unavailable NXXs	19					
Available NXXs	43					
Total	800					
Code Assignment History	2017	2018	2019	2020	2021	2022
	11	9	6	10	13	21*
*As of August 23, 2022						
Delta NRUF Published June 13, 2022	3Q2025					
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, time), N11 and other unique codes (e.g., 976, 950) and codes with special dialing arrangements (e.g., 7-digit dialing across NPA boundary).						

THOUSANDS-BLOCK STATISTICS	
ST/NPA:	CA 530
MEETING DATE:	8/24/22
POOL START DATE (PSD)	9/12/02
RATE CENTERS	
# Total	131
# Mandatory	25
# Mandatory-Single Service Providers (M*)	0
# Optional	92
# Excluded	14
BLOCKS ASSIGNED	
# Total	338
<i>(For time period 8/01/21- 8/23/22)</i>	
BLOCKS AVAILABLE	
#Total	654
<i>(As of preparation date: 8/23/22)</i>	
CODES ASSIGNED	
# Total	30
# for Pool Replenishment	23
# for Dedicated Customers	0
# for LRNs	7
<i>(For time period 8/01/21 -8/23/22)</i>	
CODES FORECASTED	
# Total	11
# for Pool Replenishment and Dedicated Customers	11
# for LRNs	0
<i>(For the next twelve months as of: 8/23/22)</i>	