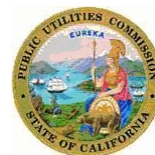


**BEFORE THE  
PUBLIC UTILITIES COMMISSION OF CALIFORNIA**



**FILED**

12-15-16  
04:59 PM

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Application of the North American Numbering  
Plan Administrator, on behalf of the California  
Telecommunications Industry, for Relief of the  
619 Numbering Plan Area  
\_\_\_\_\_

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) Docket No. \_\_\_\_\_  
) A1612005  
)  
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)

**APPLICATION OF THE NORTH AMERICAN NUMBERING PLAN  
ADMINISTRATOR, ON BEHALF OF THE CALIFORNIA TELECOMMUNICATIONS  
INDUSTRY, FOR RELIEF OF THE 619 NUMBERING PLAN AREA**

Neustar, Inc., the North American Numbering Plan Administrator (“NANPA”), in its role as the neutral third party numbering plan area (“NPA”) Relief Planner for California under the North American Numbering Plan and on behalf of the California telecommunications industry (“Industry”),<sup>1</sup> requests that the Public Utilities Commission of California (“Commission”)<sup>2</sup> approve the Industry’s consensus<sup>3</sup> decision to recommend to the Commission an NPA boundary elimination overlay as the form of relief for the 619 numbering plan area (“NPA”).<sup>4</sup> The Industry submits its overlay recommendation to the Commission based upon NANPA’s projections that absent NPA relief, the supply of central office codes (often

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<sup>1</sup> The Industry is composed of current and prospective telecommunications carriers operating in, or considering operations within, the 619 and 858 area codes in California.

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

<sup>3</sup> Consensus as used in this document means: 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. (ATIS Operating Procedures, section 7.1, version 5.2, March 1, 2015 (see Exhibit A, page 4).

<sup>4</sup> As the neutral third party administrator, NANPA has no independent view regarding the relief option selected by the Industry.

referred to as “CO” or “NXX” codes) for the 619 NPA will exhaust during the fourth quarter of 2018. In order to allow sufficient time for completion of the selected relief plan prior to exhaust of CO codes in the 619 NPA, the Industry requests that the Commission also approve the recommended 13-month implementation schedule and customer education plan outlined in section A.3 below, and issue an Order no later than second quarter 2017.

## **I. BACKGROUND**

### **A. 619 NPA Relief Efforts**

The October 2016 NRUF (Number Resource Utilization Forecast) and NPA Exhaust Analysis indicates that the 619 NPA will exhaust during the fourth quarter of 2018.<sup>5</sup> Based upon the projected exhaust of the 619 NPA, NANPA began the relief planning process by announcing the need for relief and distributing initial relief planning documents to the Industry on December 16, 2015 and January 12, 2016.<sup>6</sup> NANPA then facilitated a relief planning meeting on January 20, 2016.<sup>7</sup> NANPA kept the Commission staff informed of the Industry’s efforts throughout the process including sending a notification letter to the Commission on March 30, 2016.<sup>8</sup>

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<sup>5</sup> NANPA first began NPA relief efforts when the October 2015 NRUF report projected the exhaust date for the 619 NPA to be first quarter of 2019. The most recent NRUF Report published October 2016 can be accessed on the NANPA web site.

<sup>6</sup> In order to plan for the introduction of new area codes, NANPA and the Industry utilize the NPA Code Relief Planning and Notification Guidelines (ATIS-0300061, Jan. 4, 2016) (“Relief Planning Guidelines”). The NPA Relief Planning Guidelines assist NANPA, the Industry and regulatory authorities within a particular geographic NPA in the planning and execution of relief efforts. The NPA Relief Planning Guidelines can be accessed on the ATIS website.

<sup>7</sup> NANPA’s invitation to the January 20, 2016 relief planning meeting, including the Planning Document and other relief materials, is attached as Exhibit A. An updated Planning Document is attached as Exhibit B. The minutes of the January 20, 2016 meeting are attached as Exhibit C.

<sup>8</sup> The Letter to Timothy J. Sullivan, Executive Director, California Public Utilities Commission from Joseph R. Cocke, Senior NPA Relief Planner, NANPA (Mar. 30, 2016) is attached as Exhibit D.

## **1. The January 20, 2016 Industry Relief Meeting**

Pursuant to the NPA Relief Planning Guidelines, NANPA distributed a Planning Document (“PD”) to the Industry prior to the January 20, 2016 meeting. The PD contained descriptions, maps, general facts and assumptions, and the projected lives of two area code relief options, an NPA boundary elimination overlay, referred to as Alternative #1 in the PD, and an all services distributed overlay, referred to as Alternative #2. Generally, NANPA provides descriptions of several relief options including geographic split options; however, the 619 NPA, with only 11 rate centers, is somewhat unique in that the CO code assignment allocation is centralized to such a degree that no geographic split alternative for the 619 NPA would meet the requirements of the Relief Planning Guidelines. This concentration of codes makes it impossible to design a geographic split alternative that would satisfy the Relief Planning Guidelines requirement that a severe imbalance in lives of the area codes resulting from the split be avoided.<sup>9</sup>

In Alternative #1, the boundary between the existing 619 and 858 NPA codes would be eliminated and the 619 and 858 NPAs would be assigned to the same geographic areas occupied by the existing 619 and 858 NPAs. The customers in those NPAs would retain their current telephone numbers; however, 1+10-digit-dialing for all calls by all customers within and between the 619 and the 858 NPAs would be required. CO Codes in the 858 NPA will be assigned upon request in the 619 area upon the effective date of the new area code boundary and 619 NPA CO codes would be assigned upon request in the 858 NPA area. Currently, there are eight rate centers in the 858 NPA and the NPA has a forecasted exhaust beyond 30 years. Eliminating the boundary to include the 619 NPA would result in a projected life of

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<sup>9</sup> “[S]evere imbalances, for example, a difference in NPA lifetimes of more than 10 years, shall be avoided.” Relief Planning Guidelines §5.0.

approximately 17 years for Alternative #1. In Alternative #2, the all services overlay, a new area code would be assigned to the same geographic area occupied by the existing 619 NPA. The 619 NPA customers would retain their current telephone numbers; however, 1+10-digit-dialing for all calls placed within and between the 619 NPA and the new NPA would be required. CO codes in the new overlay will be assigned upon request in the 619 NPA upon the effective date of the new area code. At exhaust of the 619 NPA, all future CO code assignments will be made from the new overlay area code.

The January 20, 2016 meeting attendees reviewed the relief alternatives and related information and discussed the pros and cons of each. Alternative #1, the boundary elimination overlay, would provide a uniform dialing pattern for the entire San Diego County, as well as the City of San Diego, as there are currently other cities in the county and a portion of San Diego already using the 1+10-digit-dialing pattern. Additionally, there are two 619 NPA CO codes that are currently assigned within the 858 NPA rate centers due to grandfathering from the 619 split implemented in 1999 that would be considered candidates for one thousand block pooling. Alternative #1 would not require the opening of a new area code for relief of the 619 NPA, but requires customers in both the 619 and 858 NPAs to change to the 1+10-digit dialing pattern. Alternative #2 only requires customers in the 619 NPA to change to the 1+10-digit dialing pattern but leaves a portion of the City of San Diego and San Diego County in the 858 NPA with inconsistent dialing patterns from the rest of the city and county. Alternative #2 would also require opening a new area code.

The Industry members reached consensus to recommend Alternative #1, the NPA boundary elimination overlay, to the Commission as their choice of relief for the 619 NPA. The industry also reached consensus to recommend a 13-month schedule for implementing the boundary elimination overlay.



## **2. The Local Jurisdiction and Public Participation Meetings**

The California PU Code section 7931, (e) (2) states, that:

...within nine months the coordinator and the commission staff shall conduct at least one meeting for representatives of local jurisdictions to inform them of the proposed area code relief options, and to afford them the opportunity to discuss the potential impact of the proposed options. Following the local jurisdiction meeting, the coordinator and the commission staff shall conduct at least three public meetings in the affected geographical area. The public meetings are to inform members of the public about the proposed area code relief options, and to afford affected customers an opportunity to discuss the potential impact of the proposed area code relief options and measures that may be taken to mitigate any potential disruptions.

Therefore, pursuant to PU Code 7931, the Commission staff required a local jurisdiction meeting and three public participation meetings be held to allow those affected by an area code change to voice their concerns and opinions. The CPUC staff requested that NANPA prepare a split option to present to the public as an example, even though a split cannot meet the Relief Planning Guidelines, as mentioned above, and was not recommended by the industry. The CPUC staff presented the boundary elimination overlay, Alternative #1; an all services distributed overlay, Alternative #2; as well as a split alternative at the three local jurisdiction and public meetings held in San Diego, Solana Beach, and Pine Valley on October 4-5, 2016.<sup>10</sup>

## **3. The November 10, 2016 Industry Relief Meeting**

On November 10, 2016, NANPA held another relief meeting regarding the 619 NPA to allow the Industry members to discuss the results of the local jurisdiction and public participation meetings and to finalize the Industry's recommendation to the Commission. The participants of the November 10, 2016 meeting discussed the attributes of the relief alternatives that were presented in the local jurisdiction and public participation meetings.<sup>11</sup> The Industry's consensus

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<sup>10</sup> See Exhibit E for the Commission staff report on the public meetings.

<sup>11</sup> See Exhibit E, NANPA's invitation to the Industry to attend the November 10, 2016 meeting which includes the Commission staff report on the 619 NPA relief public meetings. The minutes of the November 10, 2016 meeting are attached as Exhibit F.

decision remained the same: to recommend Alternative #1, the boundary elimination overlay, to the Commission as the preferred means of relief for the 619 NPA, and to recommend a 13-month schedule for implementing the boundary elimination overlay. Further, the industry reached consensus to make the following statement regarding customer education:

The Industry has successfully implemented 6 overlays in California and more than 30 other overlays within the United States over the last 10 years. Fundamental to that success has been the collective recognition that customer education is a key requisite when establishing any new area code. To that end, the Industry has worked in close collaboration to ensure successful relief implementations through both individual and joint customer education efforts.

The Industry has proven itself equally successful in educating consumers both in California's 6 existing overlays and consumers in the 30 overlays successfully implemented in other states. Outside of California, success has been achieved without using paid advertisement (e.g. newspaper, TV and radio announcements), and without the funding elements specifically required by the California Public Utilities Commission for California overlays. Instead, the Industry's individual and joint customer education efforts were effective in educating customers about the dialing changes and the new overlay area codes, without any significant complaints from customers when the Industry used its voluntary and collaborative but "unfunded" model for customer education.

The Industry remains convinced that an order to fund specific Public Education Program (PEP) elements in California is not necessary. We are mindful that the Commission has rejected past requests to eliminate a funded PEP, remaining un-persuaded that the Industry's education model used in other states will ensure a successful relief implementation without the specific oversight and rigor of a funded PEP. Acknowledging the Commission's reluctance to abandon its entire PEP model, the Industry proposes that the Commission adopt the proposed modified joint customer education plan outlined below. The outlined plan would allow the Industry to voluntarily work together as a committee to develop joint customer education materials and methods, including the use of social media as necessary. Individual carriers remain ultimately responsible for educating their own customers, but the Industry agrees to utilize the following joint customer education plan, which contains most of the education milestones historically required in California's approved PEPs. The proposed modified plan conforms to and exceeds the education and notice requirements in the California PU Code 7931. Notably, the outlined joint customer education plan refrains from ordering task-specific funding as has been ordered in previous California area code relief plans.

The CPUC should grant this requested modification now recognizing that the oddity of area code relief and the requirement for 10-digit dialing in overlay decisions has significantly waned in the preceding years, and keeping in mind that at least 8 other area code relief implementations will need to occur within the next 5 years in California alone. The Industry believes modification now will improve the efficiency and reduce the complexity of future area code relief PEPs.

Joint Customer Education Plan		
Description	Shared or Individual Service Provider Effort	To Be Completed By
Effective date of Decision approving the 619/858 boundary elimination overlay	CPUC	At least 13 months prior to the earliest new 858 NPA central office code activation date in the 619/858 overlay area
NANPA 619/858 boundary elimination overlay implementation meeting for industry to establish implementation committee and implementation dates	NANPA and industry	2 weeks after date of Decision
Begin network preparation for permissive dialing, and begin preparation of customer education materials.	Individual and Shared	6 months prior to the start of permissive dialing
Distribute overlay information internally as a job aid for customer service representatives to answer customer questions. Representatives should not need to refer questions to the CPUC.	Individual	90 days prior to the start of permissive dialing
Update industry websites and/or social media sites with overlay information.	Individual	90 days prior to the start of permissive dialing
Update directories; add boundary elimination overlay information to alert customers in the 619 and 858 area codes	All service providers that publish directories	Ongoing as directories are published through the effective date of the boundary elimination
Provide targeted letters with the information in Customer Notification #1 to 619 and 858 NPA alarm and safety associations, PSAPs, coin-operated pay telephone providers, telephone directory publishers, and California Relay Services. Request that these organizations distribute the information to their members.	Shared	60 days prior to the start of permissive dialing
Customer Notification #1: Provide the boundary elimination overlay details to customers in 619 and 858 NPAs. Include information about 1 + 10-digit dialing, the affected area, the key dates, and how customers should prepare for the boundary elimination overlay.	Individual	30 days prior to the start of permissive dialing

Issue press release(s) describing the boundary elimination overlay and its geography boundaries, the key implementation dates, the dialing change, and how customers should prepare for the boundary elimination overlay.	Shared	1 week prior to the start of permissive dialing
Begin Permissive Dialing		Approximately 6 months after the start of network preparation
Provide targeted letters with the information in Customer Notification #2 as a reminder to 619 and 858 NPA alarm and safety associations, PSAPs, coin-operated pay telephone providers, telephone directory publishers, and California Relay Services. Request that these organizations distribute the reminder information to their members.	Shared	60 days prior to the start of mandatory dialing
Customer Notification #2. Provide the boundary elimination overlay details to customers in 619 and 858 NPAs. Include information about 1 + 10-digit dialing, the affected area, the remaining key implementation dates, and how customers should prepare for the boundary elimination overlay.	Individual	30 days prior to the start of mandatory dialing
Complete implementation of recorded message announcing mandatory dialing	Individual	30 days prior to the start of mandatory dialing
Issue press release(s) describing the boundary elimination overlay's 1+10-digit dialing requirement and its geographic boundaries, the remaining key implementation dates (e.g. the mandatory dialing date) and how customers should prepare for the boundary elimination overlay.	Shared	1 week prior to the start of mandatory dialing
Begin Mandatory Dialing		Approximately 6 months after the start of Permissive Dialing
Boundary elimination effective date. Central office codes from the 858 NPA are available for assignment in the former 619 geographic area, and central office codes from the 619 NPA are available for assignment in the former 858 geographic area; implementation is complete.		Approximately 1 month after the start of Mandatory Dialing

## II. DESCRIPTION OF THE RECOMMENDED RELIEF ALTERNATIVE

The Industry recommended NPA boundary elimination overlay, Alternative #1, would eliminate the boundary between the existing 619 and 858 NPA codes and the 619 and 858 NPAs

would be assigned to the same geographic areas occupied by the existing 619 and 858 NPAs. The customers in those NPAs would retain their current telephone numbers; however, 1+10-digit-dialing for calls by all customers within and between the 619 and the 858 NPAs would be required. CO Codes in the 858 NPA will be assigned upon request in the 619 area upon the effective date of the boundary elimination and 619 NPA CO codes would be assigned upon request in the 858 NPA area. Eliminating the boundary between the 619 and 858 NPAs would result in the combined area currently covered by both area codes having a projected life of approximately 17 years.

The Industry recommended implementation schedule, provided below, includes recommended intervals for each implementation phase but does not include specific dates. The Commission should allow the Industry time to select the specific implementation dates, once an order is issued, that do not conflict with other overlay implementations occurring across the country.

#### **Recommended Implementation Schedule for a Boundary Elimination Overlay**

<b>EVENT</b>	<b>TIMEFRAME</b>	<b>DATE</b>
Start customer education and network preparation	6 months	TBD
Permissive 7-digit and 1+10-digit dialing period (calls within the 619 and 858 NPAs can be dialed using 7 or 1+10 digits) and continued customer education	6 months	TBD
End of permissive dialing and start of mandatory 1+10-digit dialing		TBD
NPA overlay and first code activation after end of permissive dialing (effective date for CO codes from the 858 and 619 NPAs in both areas)	1 month	TBD
Total implementation period	13 months	

Adhering to the proposed implementation schedule will avoid the denial or delay of service to telecommunications providers' customers due to the unavailability of CO codes. Given that exhaust of the 619 NPA is now projected in the fourth quarter 2018 (sooner than the first quarter

2019 when relief planning began), the Industry respectfully requests that the Commission issue an order by second quarter 2017 to ensure timely relief<sup>12</sup> and effective customer education.

### III. CONCLUSION

The Industry respectfully requests that the Commission issue an order approving the Industry's choice for relief for the 619 NPA, an NPA boundary elimination overlay. The Industry also requests that the order approve the recommended relief implementation schedule and the recommended customer education plan (in lieu of a funded PEP) to ensure that relief is implemented before the 619 NPA is exhausted and to facilitate effective customer education.

Respectfully submitted,



Kimberly Wheeler Miller

Counsel for NANPA

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December 15, 2016

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<sup>12</sup> "In general, the relief implementation should be in place six months prior to the projected exhaust of the NPA, but in extraordinary situations, at least three months before the existing NPA would exhaust under the highest growth projections." Relief Planning Guidelines §7.2.

## VERIFICATION

I, Leonard J. Kennedy, hereby state the following under penalty of perjury. I am Senior Vice President and General Counsel for Neustar, Inc. I am authorized to make this verification on behalf of Neustar, as the North American Numbering Plan Administrator. Individuals reporting to me have prepared, consistent with the rules of the California Public Utilities Commission, the foregoing "Application of the North American Numbering Plan Administrator, on behalf of the California Telecommunications Industry, for Relief of the 619 Numbering Plan Area" (the "Application"). I have reviewed and discussed the Application with them and I believe the facts stated in the Application are consistent with the information provided by appropriate NANPA personnel.

By: 

Date: December 15, 2016

## **ATTACHMENT 1**

### **COMPLIANCE WITH RULE 2.1(c)**

In compliance with Rule 2.1(c) of the Commission's Rules of Practice and Procedure, Neustar, Inc., 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 6.1(c) 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, local jurisdiction and public participation hearings have been held regarding the issues presented in the Application. Accordingly, hearings are not required.

**Issues to be Considered:** Whether the Commission should adopt the Industry's recommended boundary elimination overlay, with corresponding 13-month implementation schedule, as the preferred form of relief for the 619 numbering plan area ("NPA").

**Proposed Schedule:** NANPA projects that the 619 NPA will exhaust during the fourth quarter of 2018. As explained in the Application, the Industry recommends a 13-month schedule to implement the boundary elimination overlay. To ensure the Industry has sufficient time to implement relief before the 619 NPA exhausts, the following schedule is proposed:

Application Filed  
Expiration of Protest Period  
Decision Issued

December 15, 2016  
February 15, 2017  
March 15, 2017



# EXHIBIT A

December 16, 2015

To: All 619 NPA and 858 NPA Code Holders and Other Industry Members (California)

Subject: Planning Document with Notice of the 619 NPA Relief Planning Meeting

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Neustar, Inc., in its capacity as the North American Numbering Plan Administration (NANPA) is responsible for initiating area code relief (in accordance with the NPA Code Relief Planning and Notification Guidelines, ATIS-0300061) in areas within the United States in sufficient time to prevent exhaust of numbering resources before relief is implemented, typically thirty-six months prior to exhaust. The October 26, 2015, Numbering Resource Utilization Forecast (NRUF) projects the 619 NPA in California will exhaust during the 1Q2019.

Accordingly, on January 20, 2016, NANPA will convene an industry NPA relief planning conference call with recommended relief alternatives for the 619 NPA. NANPA has determined that only an overlay alternative will meet the guidelines. In Section 5.6.2 of the guidelines - where NPA relief is required for a single NPA area and NANPA has determined that only an overlay alternative will meet the guidelines, the Initial Planning Document, relief planning meeting, and industry consensus to recommend an overlay is not required and NANPA shall draft a relief plan petition requesting approval of the overlay and recommending an implementation schedule including network preparation, customer education, and a permissive dialing period. Because there are two possible overlay alternatives, one of which involves the 858 NPA, industry consensus is required for a recommended alternative.

Due to the complexities of NPA relief applications submitted before the California Public Utilities Commission (CPUC), NANPA plans to prepare the relief application for industry review and approval after the required local jurisdiction and public meetings have concluded. These meetings will be scheduled by the CPUC.

The guidelines mention that during the conference call, the timeframes for the implementation schedule will be determined to finalize the relief petition. The draft petition will include a recommendation for the state's existing overlay dialing plan. The recommended mandatory dialing date should be six months prior to the forecasted exhaust (see Section 5.1 of the guidelines). As usual, meeting minutes shall be produced and distributed by NANPA within 10 days of the conference call.

NANPA shall submit the petition 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 of the guidelines.

The objective of this meeting is to secure consensus among members of the California Telecommunications Industry on the above details of the plan for relief of the 619 NPA. The resulting relief plan will be filed with the California Public Utilities 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.

Attached are supporting Planning Documents for the 619 NPA and 858 NPA developed by NANPA and will be presented at the January 20, 2016 meeting to assist the Industry with NPA relief planning efforts.

Also attached to this notice are the meeting agenda, consensus process, relief planning meeting aids, the California 619 NPA and 858 NPA NXX Summary and Pooling Statistics reports, State of California Department of Finance population statistics and sections of the California State PU Code relating to area code relief planning and notification requirements for your reference.

Because the resulting impacts of NPA relief planning are so significant, NANPA strongly encourages your participation at the January 20, 2016 meeting. The details of the meeting are as follows:

**Date: January 20, 2016**

**Time: 11:00 AM PT; 12:00 PM MT; 1:00 PM CT; 2:00 PM ET**

**Dial-in number: (630) 827-6799      Pass code: 8831535#**

**NANPA is also making an online capability available for this meeting. To join the online of the reference documents during the call please utilize the link and instructions provided below:**

[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_neustar.webex.com\\_neustar\\_j.php-3FMTID-3Dm9257f9a772ab69a2f3ae95bf4c9c8472&d=CwMGaQ&c=MOptNIVtIETeDALC\\_IULrw&r=O6ub6WcNvHcqR8QyH34bdMaow0\\_qxONlcs mouaSKj8g&m=7HrTSghZok2hK5wzQfYJoGw2nKp6jpgFb-v8BpMBBNM&s=de\\_UAw\\_fyHTqiKuxAJIM0yVJUZZsSg-92pbt8yumq0nA&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__neustar.webex.com_neustar_j.php-3FMTID-3Dm9257f9a772ab69a2f3ae95bf4c9c8472&d=CwMGaQ&c=MOptNIVtIETeDALC_IULrw&r=O6ub6WcNvHcqR8QyH34bdMaow0_qxONlcs mouaSKj8g&m=7HrTSghZok2hK5wzQfYJoGw2nKp6jpgFb-v8BpMBBNM&s=de_UAw_fyHTqiKuxAJIM0yVJUZZsSg-92pbt8yumq0nA&e=)

Meeting number: 620 275 916

Meeting Password: Drm9pJ36

Please feel free to distribute this notice to others in the industry that you feel should attend this important NPA relief planning conference call. If you received this notice from someone else and would like to receive additional information in the future about the 619 NPA relief, you are encouraged to sign up to NANPA's NAS-NNS by going to [www.nanpa.com](http://www.nanpa.com), then selecting NAS Login and then selecting New Registration and following the sign-up process.

Please feel free to contact me if you have any questions regarding the above relief planning conference call, any aspect of relief planning, or have any questions about receiving notices and documents via NNS. I can be reached on 571-434-5690 or via email at the address above.

Sincerely,

Joseph R. Cocke  
Senior NPA Relief Planner  
NANPA  
e-mail: [joe.cocke@neustar.biz](mailto:joe.cocke@neustar.biz)

CC: Fe Lazaro and Joanne Leung – CPUC Staff

Attachments

**CALIFORNIA 619 NPA  
INITIAL RELIEF PLANNING  
INDUSTRY MEETING  
VIA CONFERENCE CALL**

**January 20, 2016 - 11:00 AM (PT)  
BRIDGE: (630) 827-6799; PASSCODE: 8831535 #**

**AGENDA**

Welcome, Introductions, Consensus Definition / Statements for the record

NANPA's Role and Responsibilities

Review of 619 NPA (and 858 NPA) Background, History and Status

Review of Planning Document and Recommended Relief

Discussion and Elimination of Relief Alternatives

Consensus on Relief Alternative and Dialing Plan

Consensus on Implementation Intervals

Review of State Law and PU Code Notification Requirements

Schedule Local Jurisdiction and Public Meetings

Statements for the Record

Set Date to Approve Minutes

Open Discussions

Adjourn

# INDUSTRY CONSENSUS PROCESS

3/1/2015

ATIS OPERATING PROCEDURES

VERSION 5.4

## 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.

*This meeting aid is prepared to assist the participants in understanding basic steps and considerations in NPA Relief Planning and the criteria established to determine if relief alternatives are viable.*

**Section:**

2.6 The ATIS consensus process will be employed in selecting an industry relief recommendation to ensure that the plan that does not favor a particular interest group.

2.12 Once there is an approved relief plan, all code holders, block holders, and the Pooling Administrator (PA) in the exhausting NPA shall take the appropriate steps to facilitate the implementation of the plan.

**Section:**

**5.0 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:

Sub -A - The relief options shall cover a period of at least five years beyond the predicted date of exhaust, and shall cover more than one relief activity, if necessary, during the time frame.

Sub -E - For each relief activity proposed in the plan, it is recommended that customers who undergo number changes shall not be required to change again for a period of 8-10 years.

Sub -F - The use of protected codes (NXXs) is an assignment practice whereby a central office code assigned in one NPA is not available for assignment in an adjacent NPA in order to permit 7 digit dialing across the NPA boundary. The use of protected codes (NXXs), which permits 7-digit dialing across NPA boundaries, should be eliminated as part of the NPA code relief planning process unless the appropriate regulatory authority directs otherwise.<sup>1</sup>

<sup>1</sup> Per letter dated 10-29-97 from NANC Chairman to INC Moderator.

Sub –G - The use of protected routes, which also permits 7-digit dialing across NPA boundaries, shall continue unless otherwise directed by the appropriate regulatory authority.<sup>2</sup> Where it is suspected that protected routes and 7-digit dialing cross-boundary exists, NANPA shall continue the code assignment practices that permit the continued protection of these routes until such time as these routes are eliminated by the service provider(s) or the appropriate regulatory authority. Any changes in rate centers or NXXs that would increase or decrease protected routes shall be reported to NANPA by the service provider initiating the change. The notification shall include the tariff, the rate centers and NXX codes involved and the direction of the 7-digit local calling. This notification is important since such changes may have code consumption implications on multiple NPAs. It should be understood that continuing this practice can result in a less efficient use of resources and shorten the forecasted lives of the NPA currently under relief planning as well as the adjacent NPAs; i.e. two-way 7-digit dialing across NPAs might involve several rate centers and many NXX codes in multiple NPAs. Additionally, the relief planning model used by NANPA cannot take into account the protected routes when projecting the lives of new NPA relief alternatives because the model assumptions are based on the premise that all NXXs available for assignment can be assigned to all rate centers. A high number of protected routes may impact the availability of NXX codes in specific rate centers (usually high-demand rate centers), which directly impacts the exhaust timeframe of an area code. As a result, NPA relief planning may start prematurely or may not permit for the standard intervals for relief implementation.

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

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

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



the end of the recorded announcement period should be at least six months prior to the earliest likely exhaust date.

- 5.3 Define the Attributes of Each Alternative or Method - For each of the alternative relief methods identified in 5.2, NANPA should, with assistance from the industry participants, quantify impacts to subscribers, networks and service providers and industry concerns using Appendix B. Specific calculations such as the relative lengths of the relief periods, local dialing plans using 7-digits or 10-digits, and if available the number of subscribers requiring number changes should be made at this point. Any known technical and operational impacts should also be identified by service providers including items such as required switch replacements and support system modifications.
- 5.4 Notify Industry of Pending NPA Exhaust and Results of Initial Relief Planning - The next step in the NPA Relief Planning Process is to incorporate the results of the steps outlined in 5.1 through 5.3 into an Initial Planning Document (IPD) for distribution to the Industry in the affected NPA. The IPD should be attached to a letter notifying Industry members of future meeting schedules to be held for the purpose of discussing the alternative relief methods, with the objective of reaching consensus on the method to be adopted. The IPD should be provided at least four weeks prior to the first industry meeting to allow individual industry members to fully analyze the alternatives.
- 5.5 Conduct Industry Meetings with the Goal of Reaching Industry Consensus on a Relief Plan – Meetings and/or conference calls should be held with all interested members of the industry within the affected NPA. When a meeting notice is issued, NANPA will state that an SP requesting a conference bridge must notify the meeting host to make arrangements (e.g., equipment, bridge number, cost of call). In order to keep the meeting manageable, participants on the bridge will not be accorded special consideration<sup>3</sup>. NANPA will moderate these meetings or conference calls and will be fully prepared to answer questions regarding the alternatives. During the meetings/conference calls, new alternatives may be proposed and must be considered in these discussions. Inasmuch as the objective of these meetings is to reach industry consensus, subsequent joint meetings will be held as required until consensus is reached, or until NANPA determines consensus cannot be reached.

<sup>3</sup> Caveat: those on the bridge may NOT ask for comments to be repeated or for additional explanations to be given because they cannot see what's happening in the room. The use of a bridge must not slow down the meeting.

In discussing the alternatives, issues such as new NPA boundaries, local calling areas, protected codes, regulatory issues, customer education, 911 issues, and the length of any necessary permissive dialing period should be considered.

All meetings and/or conference calls should be fully documented in meeting minutes, which are to be made available to the local industry within two weeks after the meeting/conference call and no less than one week prior to a subsequent meeting or call unless otherwise agreed. Copies of meeting minutes may also be forwarded to the appropriate regulatory body.

- 5.6 **Notify Appropriate Regulatory Body** - When consensus is reached within the industry or when NANPA determines additional meetings would not achieve consensus, NANPA should submit to the appropriate regulatory body (or bodies) 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 **Where NPA relief is required for an existing overlay complex, the Initial Planning Document, relief planning meeting, and industry consensus to recommend an overlay is not required.** NANPA shall draft a relief plan petition 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 local 10-digit dialing will already be in place. The draft petition 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 petition. During the conference call, the timeframes for the implementation schedule will be determined. The recommended relief should be in place six months prior to the forecasted exhaust (see Section 7.2). As usual, meeting minutes shall be produced and distributed by NANPA within 10 days of the conference call.

NANPA shall submit the petition 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 Where NPA relief is required for a single NPA area and NANPA has determined that only an overlay alternative will meet the guidelines, the Initial Planning Document, relief planning meeting, and industry consensus to recommend an overlay is not required.

NANPA shall draft a relief plan petition 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 two months in advance of a conference call scheduled to review and approve the draft petition. 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 two month timeframe notification may be necessary to allow individual industry members to fully analyze impacts to their respective subscribers and networks in determining the timeframes needed for implementation. Industry members may also need this time to investigate any technical and operations impacts, such as required switch replacements and support system modifications to take into consideration when determining the implementation schedule.

During the conference call, the timeframes for the implementation schedule will be determined to finalize the relief petition. The draft petition will include a recommendation for 10-digit dialing for local<sup>4</sup> and toll to home NPA (HNPA) and 1+10-digit dialing to local and toll foreign NPA (FNPA), or the state's existing overlay dialing plan. The recommended mandatory dialing date should be six months prior to the forecasted exhaust (see Section 5.1). As usual, meeting minutes shall be produced and distributed by NANPA within 10 days of the conference call.

NANPA shall submit the petition 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.

5.7 Approval by Appropriate Regulatory Body – When the regulator issues an order for NPA relief, NANPA shall confirm the approved plan meets the criteria for assignment as set forth in this document. If the approved plan meets the criteria, NANPA will assign a new NPA within one week of receipt of the approved plan. If the approved plan does not

<sup>4</sup> As an industry Best Practice, service providers are encouraged to also provide permissive 1+ 10 digit local dialing at their discretion.

meet the criteria for assignment, NANPA will suspend the assignment pending FCC direction.

5.8 Public Statements/Press Releases - Public statements released prior to the first industry NPA relief planning meeting should, to the extent available, contain:

- factual information about the impending exhaust of the NPA
- and that questions concerning the relief effort may be directed to the NANPA

During the relief planning process, public statements are not encouraged. However, some states may require input from the public to the planning process. If questions are directed to the NANPA, or if reaction to a press article is warranted, responses should, to the extent possible, be limited to factual information (as opposed to opinion or preference) concerning relief options being considered and to agreements reached by the industry that are in the public record.

Within two weeks of the NPA assignment NANPA will issue a press release informing the public of this action. NANPA need not issue that press release if the regulatory authority wishes to do so instead. Information that may be incorporated with this notification includes a map indicating new NPA boundaries and new dialing procedures (if any).

5.9 Industry NPA Relief Implementation Meeting - NANPA will host and facilitate an Industry NPA Relief Implementation meeting via conference call following the final acceptance of a relief plan. [NANPA, on their own initiative or using input from Service Providers, has the option to convene a face-to-face meeting if the chosen plan presents unusual implementation factors.] The meeting shall occur no more than 45 days following the assignment of a new NPA. The agenda for the industry implementation meeting should include relevant dates, milestones, customer education, press releases, provision of test numbers, Planning Letter content and subsequent industry communication regarding implementation issues.

5.10 Planning Letter – NANPA shall post a Planning Letter to its website informing the public and the industry of pending NPA relief no more than three weeks after the initial implementation meeting. If regulatory approval of the implementation plan with interval dates is required, the Planning Letter will be published within 10 business days of

regulatory approval. If an additional implementation meeting is required, the Planning Letter will be published within 3 weeks of the additional implementation meeting.

This notice should include a full disclosure of the associated testing period, permissive dialing period, affected NXXs, rate centers, records conversion dates and the beginning date for mandatory dialing of the new NPA (See time line Appendix C). Also included should be a test number for routing verification, the date it will become available and the disconnect date. Other information that may be incorporated with this notification includes a map indicating new NPA boundaries, new dialing procedures (if any) and a NANPA contact name and telephone number. Service providers that are code and/or block holders within the affected NPA should provide to the NANPA their company's NPA Relief Project Coordinator's contact information for inclusion in the company contact section of the Planning Letter.

## **Appendix B**

### **Issues To Be Considered During NPA Relief Planning**

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

#### **Subscribers**

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

#### **Network and Service Providers**

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

#### **Industry Concerns**

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

**Appendix E****General Attributes of the Most Common Relief Alternatives**

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

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

#### **OVERLAY DIALING PLAN MEETING AND IMPLEMENTATION SCHEDULE**

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

\*1+10 digit permissible at each service provider's discretion

<b>EVENT</b>	<b>TIMEFRAME</b>
Network Preparation Period	6 months
Permissive 10-Digit Dialing and Customer Education Period <i>(Calls within existing NPA can be dialed using 7 or 10 digits)</i> Mandatory dialing period begins at the end of the Permissive Dialing Period	6 months
First Code Activation after end of Permissive dialing period <i>(Effective date for codes from the new NPA)</i>	1 month (after Mandatory Dialing Period)
Total Implementation Interval	13 months

#### **GEOGRAPHIC SPLIT DIALING PLAN AND IMPLEMENTATION SCHEDULE**

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

<b>EVENT</b>	<b>TIMEFRAME</b>
Network Preparation Period	6 months
Permissive dialing to the old or new NPA and Customer Education Period <i>(Calls within the home NPA can be dialed using 7 or 10 digits. Calls using the old or new NPA to those changing to the new NPA are acceptable)</i> Mandatory dialing period begins at the end of the Permissive Dialing Period	6 months
Recorded Announcement Period	3 months
First Code Activation <i>(Effective date for codes from the new NPA)</i>	End of Recording Period
Total Implementation Interval	15 months



CALIFORNIA CODES  
PUBLIC **UTILITIES CODE**  
SECTION 7930-7943

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.

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 conduct at least one meeting for representatives of local jurisdictions to inform them of the proposed **area code** relief options, and to afford them the opportunity to discuss the potential impact of the proposed options. Following the local jurisdiction meeting, the coordinator and the commission staff shall conduct at

least three public meetings in the affected geographical **area**. The public meetings are to inform members of the public about the proposed **area code** relief options, and to afford affected customers an opportunity to discuss the potential impact of the proposed **area code** relief options and measures that may be taken to mitigate any potential disruptions. The commission may order additional public meetings to be held at any time.

(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.

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.

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.

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.

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.

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.

7937. (a) On or before March 1, 2000, the commission shall request from each telephone corporation doing business in this state that possesses one or more telephone number prefixes, or a portion thereof, the specific telephone numbers and the quantities within the possession of the provider, both in use and not in use. The commission, for the purpose of this section, shall define the terms "in use" and "not in use." The commission shall determine the reporting requirements for the information provided to the commission

pursuant to Section 7940.

(b) Notwithstanding Section 7550.5 of the Government **Code**, the commission shall use the information obtained pursuant to subdivision (a) and any other information required by the commission, to prepare and submit to the Legislature, on or before, July 1, 2001, a study of telecommunications industry use rates.

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.

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."

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.

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.



**NEW STATE POPULATION REPORT:**  
**CALIFORNIA GREW BY 358,000 RESIDENTS IN 2014**

FOR IMMEDIATE RELEASE:  
May 1, 2015

**CONTACT:** Doug Kuczynski/Walter Schwarm  
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**SACRAMENTO**— California's population grew by 0.9 percent in 2014, adding 358,000 residents to total 38,715,000 as of January 1, 2015, according to an annual population report released today by the Department of Finance.

The report shows preliminary January 2015 and revised January 2014 population data for California cities, counties, and the state. Highlights include:

- Growth was more widely distributed among the state's geographical regions, with most cities and counties throughout the state experiencing increases in population.
- San Joaquin County was the fastest growing county in the state (1.5 percent), closely followed by Imperial County and three San Francisco Bay area counties (San Francisco, Alameda, and Contra Costa) each at 1.3 percent.
- The City of Los Angeles, California's largest city, has a population of 3,957,022 growing by almost 43,000 persons during 2014. San Diego, California's second largest city with a population of 1,368,061, added over 20,000 persons during the year. San Jose, California's third largest city, with a population of 1,016,479 added over 14,000 persons.
- The City of Taft in Kern County was the fastest growing city in California, increasing by 6.3 percent. All of the growth in Taft can be attributed to the reopening of a community correctional facility.
- The next four fastest growing cities were Sand City in Monterey County (5.8 percent), Dublin in Alameda County (4.5 percent), Imperial in Imperial County (4.1 percent), and Nevada City in Nevada County (4.1 percent). Sand City, Dublin, and Imperial all added a proportionally large number of residents from recent housing increases. The population growth in Nevada City was mostly due to an increase in county jail population.
- The biggest numeric increases, consistent with their larger population base, occurred in the state's largest cities: Los Angeles (42,663), San Diego (20,107), San Jose (14,205), and San Francisco (10,699).
- Of 482 California cities, 421 had gains in population, 50 had reductions, and 11 experienced no change.
- The city with the largest population decline was Weed in Siskiyou County (-8.8 percent), which was a direct result of housing loss from the Boles fire.

- MORE -

Other highlights include:

California's statewide housing growth, as measured by net unit growth in 2014, was up 17 percent over last year, adding 69,434 housing units compared to 59,426 units in 2013. Ranked by net housing gains, Los Angeles (8,226), San Diego (5,252), San Jose (4,449), San Francisco (3,514), and Irvine (2,399) added the most housing units in 2014.

Continuing recent trends, the state gained more multiple-family housing units (38,462) than single-family homes (30,565) in 2014. In addition, 407 mobile homes were added.

Group quarters, such as college dorms, prisons, and military barracks, comprise only 2 percent of California's population. Last year, group quarters increased by 0.3 percent statewide led by an increase in college dorm populations. Prison declines caused some smaller cities, such as Norco in Riverside County and Tehachapi in Kern County to experience significant proportional population losses in 2014. Other cities, such as Taft, Shafter, and McFarland, all in Kern County, experienced some of the largest proportional population gains in 2014 due to increases in local correctional facilities.

#### Background Information:

These population estimates are produced annually by the Department of Finance for use by local areas to calculate their annual appropriations limit. The State Controller's Office uses Finance's estimates to update their population figures for distribution of state subventions to cities and counties, and to comply with various state codes. Additionally, estimates are used for research and planning purposes by federal, state, and local agencies, the academic community, and the private sector.

Changes to the housing stock are used in the preparation of the annual city population estimates. Estimated occupancy of housing units and the number of persons per household further determine population levels. Changes in city housing stock result from new construction, demolitions, housing unit conversions, and annexations. The sub-county population estimates are then adjusted to be consistent with independently produced county estimates.

Related population reports are available on the Department's website:  
<http://www.dof.ca.gov/research/demographic/>

# # #

Department of Finance  
Demographic Research Unit  
Population Estimates for California Cities

10 Largest Cities

City	Population January 1, 2015	Percent Change 2014-15
1. Los Angeles	3,957,022	1.1
2. San Diego	1,368,061	1.5
3. San Jose	1,016,479	1.4
4. San Francisco	845,602	1.3
5. Fresno	520,159	0.8
6. Sacramento	480,105	0.9
7. Long Beach	472,779	0.5
8. Oakland	410,603	1.2
9. Bakersfield	369,505	1.1
10. Anaheim	351,433	0.9

10 Fastest Growing Cities Based on Percent Change

City	Population January 1, 2015	Percent Change 2014-15
1. Taft	9,456	6.3
2. Sand City	362	5.8
3. Dublin	55,844	4.5
4. Imperial	17,446	4.1
5. Nevada City	3,194	4.1
6. Beaumont	42,481	4.0
7. Milpitas	72,606	3.9
8. Shafter	17,970	3.6
9. Biggs	1,746	3.4
10. Chino	84,465	3.4

10 Cities Under 300,000 with the Largest Numeric Change

City	Population January 1, 2015	Numeric Change 2014-15
1. Irvine	250,384	7,708
2. Santa Clarita	213,231	4,000
3. Glendale	199,182	3,279
4. Chino	84,465	2,795
5. Milpitas	72,606	2,703
6. Oxnard	206,148	2,674
7. Temecula	108,920	2,664
8. Fremont	226,551	2,435
9. Clovis	104,339	2,431
10. Dublin	55,844	2,414



# **E-1: City/County/State Population Estimates with Annual Percent Change January 1, 2014 and 2015**

JURISDICTION	Total Population		Percent Change	JURISDICTION	Total Population		Percent Change
	1/1/14	1/1/15			1/1/14	1/1/15	
<b>CALIFORNIA</b>	38,357,121	38,714,725	0.9	Danville	43,206	43,691	1.1
<b>Alameda</b>	1,574,497	1,594,569	1.3	El Cerrito	24,115	24,288	0.7
Alameda	75,961	76,638	0.9	Hercules	24,601	24,775	0.7
Albany	18,457	18,565	0.6	Lafayette	24,690	25,154	1.9
Berkeley	117,383	118,780	1.2	Martinez	36,891	37,384	1.3
Dublin	53,430	55,844	4.5	Moraga	16,363	16,466	0.6
Emeryville	10,481	10,570	0.8	Oakley	38,124	38,789	1.7
Fremont	224,116	226,551	1.1	Orinda	18,109	18,612	2.8
Hayward	151,047	152,889	1.2	Pinole	18,813	18,946	0.7
Livermore	84,815	85,990	1.4	Pittsburg	66,479	67,628	1.7
Newark	43,821	44,204	0.9	Pleasant Hill	33,917	34,162	0.7
Oakland	405,703	410,603	1.2	Richmond	106,388	107,346	0.9
Piedmont	11,011	11,113	0.9	San Pablo	29,499	29,730	0.8
Pleasanton	73,028	74,850	2.5	San Ramon	77,410	78,561	1.5
San Leandro	87,661	88,441	0.9	Walnut Creek	66,319	66,868	0.8
Union City	72,109	72,744	0.9	Balance of County	166,594	168,323	1.0
Balance of County	145,474	146,787	0.9	<b>Del Norte</b>	28,051	28,031	-0.1
<b>Alpine</b>	1,122	1,121	-0.1	Crescent City	6,922	6,889	-0.5
<b>Amador</b>	36,143	36,312	0.5	Balance of County	21,129	21,142	0.1
Amador	180	183	1.7	<b>El Dorado</b>	183,287	184,917	0.9
Ione	6,759	6,763	0.1	Placerville	10,607	10,673	0.6
Jackson	4,544	4,586	0.9	South Lake Tahoe	21,555	21,738	0.8
Plymouth	976	967	-0.9	Balance of County	151,125	152,506	0.9
Sutter Creek	2,442	2,457	0.6	<b>Fresno</b>	963,375	972,297	0.9
Balance of County	21,242	21,356	0.5	Clovis	101,908	104,339	2.4
<b>Butte</b>	222,901	224,323	0.6	Coalinga	16,424	16,529	0.6
Biggs	1,688	1,746	3.4	Firebaugh	7,779	7,779	0.0
Chico	88,614	89,634	1.2	Fowler	5,863	5,957	1.6
Gridley	6,759	6,780	0.3	Fresno	516,148	520,159	0.8
Oroville	16,025	16,197	1.1	Huron	6,817	6,817	0.0
Paradise	26,182	26,235	0.2	Kerman	14,289	14,314	0.2
Balance of County	83,633	83,731	0.1	Kingsburg	11,643	11,711	0.6
<b>Calaveras</b>	45,567	45,668	0.2	Mendota	11,185	11,211	0.2
Angels City	3,802	3,811	0.2	Orange Cove	9,374	9,358	-0.2
Balance of County	41,765	41,857	0.2	Parlier	14,964	15,095	0.9
<b>Colusa</b>	21,783	21,715	-0.3	Reedley	25,035	25,488	1.8
Colusa	6,205	6,191	-0.2	Sanger	24,820	25,128	1.2
Williams	5,392	5,316	-1.4	San Joaquin	4,041	4,041	0.0
Balance of County	10,186	10,208	0.2	Selma	23,893	23,912	0.1
<b>Contra Costa</b>	1,089,219	1,102,871	1.3	Balance of County	169,192	170,459	0.7
Antioch	106,691	108,298	1.5	<b>Glenn</b>	28,694	28,728	0.1
Brentwood	54,824	56,493	3.0	Orland	7,777	7,814	0.5
Clayton	11,209	11,288	0.7	Willows	6,226	6,206	-0.3
Concord	124,977	126,069	0.9	Balance of County	14,691	14,708	0.1

# **E-1: City/County/State Population Estimates with Annual Percent Change January 1, 2014 and 2015**

JURISDICTION	Total Population		Percent Change	JURISDICTION	Total Population		Percent Change
	1/1/14	1/1/15			1/1/14	1/1/15	
<b>Humboldt</b>	134,790	134,398	-0.3	<b>Lassen</b>	32,367	32,092	-0.8
Arcata	17,842	17,898	0.3	Susanville	15,752	15,509	-1.5
Blue Lake	1,263	1,260	-0.2	Balance of County	16,615	16,583	-0.2
Eureka	27,052	26,946	-0.4				
Ferndale	1,370	1,369	-0.1	<b>Los Angeles</b>	10,054,852	10,136,559	0.8
Fortuna	11,994	12,032	0.3	Agoura Hills	20,635	20,767	0.6
Rio Dell	3,378	3,372	-0.2	Alhambra	84,736	85,545	1.0
Trinidad	364	363	-0.3	Arcadia	57,526	57,761	0.4
Balance of County	71,527	71,158	-0.5	Artesia	16,781	16,849	0.4
				Avalon	3,822	3,840	0.5
<b>Imperial</b>	180,998	183,429	1.3	Azusa	48,405	49,425	2.1
Brawley	25,967	26,273	1.2	Baldwin Park	76,749	77,047	0.4
Calexico	40,653	41,033	0.9	Bell	35,987	36,135	0.4
Calipatria	7,533	7,466	-0.9	Bellflower	77,777	78,106	0.4
El Centro	44,366	44,847	1.1	Bell Gardens	42,685	42,875	0.4
Holtville	6,178	6,246	1.1	Beverly Hills	34,693	34,833	0.4
Imperial	16,762	17,446	4.1	Bradbury	1,082	1,087	0.5
Westmorland	2,311	2,333	1.0	Burbank	105,595	106,084	0.5
Balance of County	37,228	37,785	1.5	Calabasas	23,953	24,212	1.1
				Carson	92,677	93,148	0.5
<b>Inyo</b>	18,614	18,574	-0.2	Cerritos	49,761	49,968	0.4
Bishop	3,879	3,881	0.1	Claremont	35,932	36,282	1.0
Balance of County	14,735	14,693	-0.3	Commerce	13,010	13,060	0.4
				Compton	98,126	98,506	0.4
<b>Kern</b>	868,610	874,264	0.7	Covina	48,640	48,876	0.5
Arvin	20,092	20,113	0.1	Cudahy	24,152	24,270	0.5
Bakersfield	365,504	369,505	1.1	Culver City	39,597	39,773	0.4
California City	13,196	13,165	-0.2	Diamond Bar	56,426	56,668	0.4
Delano	52,301	52,222	-0.2	Downey	113,417	113,900	0.4
Maricopa	1,172	1,169	-0.3	Duarte	21,677	21,839	0.7
McFarland	13,661	14,037	2.8	El Monte	115,118	115,774	0.6
Ridgecrest	28,451	28,419	-0.1	El Segundo	16,903	17,000	0.6
Shafter	17,346	17,970	3.6	Gardena	60,110	60,414	0.5
Taft	8,899	9,456	6.3	Glendale	195,903	199,182	1.7
Tehachapi	13,286	13,028	-1.9	Glendora	51,313	51,463	0.3
Wasco	26,019	26,130	0.4	Hawaiian Gardens	14,462	14,545	0.6
Balance of County	308,683	309,050	0.1	Hawthorne	86,685	87,657	1.1
				Hermosa Beach	19,758	19,772	0.1
<b>Kings</b>	149,942	149,721	-0.1	Hidden Hills	1,902	1,901	-0.1
Avenal	13,212	13,159	-0.4	Huntington Park	59,058	59,312	0.4
Corcoran	22,479	22,084	-1.8	Industry	439	440	0.2
Hanford	55,234	55,804	1.0	Inglewood	111,847	112,333	0.4
Lemoore	25,225	25,325	0.4	Irwindale	1,467	1,473	0.4
Balance of County	33,792	33,349	-1.3	La Canada Flintridge	20,544	20,592	0.2
				La Habra Heights	5,422	5,439	0.3
<b>Lake</b>	64,759	64,918	0.2	Lakewood	81,261	81,601	0.4
Clearlake	15,036	14,977	-0.4	La Mirada	49,198	49,521	0.7
Lakeport	4,728	4,699	-0.6	Lancaster	159,956	160,784	0.5
Balance of County	44,995	45,242	0.5	La Puente	40,496	40,690	0.5
				La Verne	32,241	33,042	2.5
				Lawndale	33,242	33,403	0.5

# E-1: City/County/State Population Estimates with Annual Percent Change January 1, 2014 and 2015

JURISDICTION	Total Population 1/1/14	Total Population 1/1/15	Percent Change	JURISDICTION	Total Population 1/1/14	Total Population 1/1/15	Percent Change
Lomita	20,640	20,733	0.5	<b>Marin</b>	257,153	258,972	0.7
Long Beach	470,609	472,779	0.5	Belvedere	2,106	2,121	0.7
Los Angeles	3,914,359	3,957,022	1.1	Corte Madera	9,432	9,491	0.6
Lynwood	71,012	71,381	0.5	Fairfax	7,581	7,634	0.7
Malibu	12,871	12,935	0.5	Larkspur	12,167	12,347	1.5
Manhattan Beach	35,633	35,763	0.4	Mill Valley	14,333	14,439	0.7
Maywood	27,769	27,884	0.4	Novato	53,241	53,575	0.6
Monrovia	37,179	37,406	0.6	Ross	2,475	2,493	0.7
Montebello	63,555	64,104	0.9	San Anselmo	12,583	12,670	0.7
Monterey Park	61,805	62,063	0.4	San Rafael	58,863	59,214	0.6
Norwalk	106,679	107,166	0.5	Sausalito	7,214	7,300	1.2
Palmdale	155,734	157,009	0.8	Tiburon	9,139	9,200	0.7
Palos Verdes Estates	13,670	13,730	0.4	Balance of County	68,019	68,488	0.7
Paramount	55,076	55,302	0.4	<b>Mariposa</b>	17,843	17,791	-0.3
Pasadena	140,949	141,510	0.4	<b>Mendocino</b>	88,615	88,863	0.3
Pico Rivera	63,902	64,182	0.4	Fort Bragg	7,295	7,343	0.7
Pomona	151,785	152,419	0.4	Point Arena	450	450	0.0
Rancho Palos Verdes	42,377	42,564	0.4	Ukiah	16,072	16,073	0.0
Redondo Beach	67,749	68,095	0.5	Willits	4,899	4,902	0.1
Rolling Hills	1,896	1,904	0.4	Balance of County	59,899	60,095	0.3
Rolling Hills Estates	8,189	8,223	0.4	<b>Merced</b>	264,567	266,134	0.6
Rosemead	54,786	55,017	0.4	Atwater	28,905	29,023	0.4
San Dimas	34,086	34,713	1.8	Dos Palos	5,013	5,023	0.2
San Fernando	24,232	24,558	1.3	Gustine	5,606	5,618	0.2
San Gabriel	40,332	40,517	0.5	Livingston	13,696	13,735	0.3
San Marino	13,347	13,414	0.5	Los Banos	37,003	37,145	0.4
Santa Clarita	209,231	213,231	1.9	Merced	81,176	81,722	0.7
Santa Fe Springs	17,356	17,627	1.6	Balance of County	93,168	93,868	0.8
Santa Monica	92,229	93,283	1.1	<b>Modoc</b>	9,481	9,399	-0.9
Sierra Madre	11,098	11,133	0.3	Alturas	2,753	2,723	-1.1
Signal Hill	11,415	11,585	1.5	Balance of County	6,728	6,676	-0.8
South El Monte	20,435	20,841	2.0	<b>Mono</b>	14,625	14,695	0.5
South Gate	96,101	96,547	0.5	Mammoth Lakes	8,375	8,410	0.4
South Pasadena	26,022	26,174	0.6	Balance of County	6,250	6,285	0.6
Temple City	36,152	36,275	0.3	<b>Monterey</b>	424,774	425,413	0.2
Torrance	147,782	148,427	0.4	Carmel-by-the-Sea	3,747	3,747	0.0
Vernon	122	123	0.8	Del Rey Oaks	1,661	1,660	-0.1
Walnut	30,124	30,257	0.4	Gonzales	8,363	8,357	-0.1
West Covina	107,879	108,401	0.5	Greenfield	16,879	16,870	-0.1
West Hollywood	35,090	35,825	2.1	King City	13,179	13,417	1.8
Westlake Village	8,389	8,423	0.4	Marina	20,222	20,872	3.2
Whittier	86,577	86,948	0.4	Monterey	28,319	28,163	-0.6
Balance of County	1,047,463	1,051,872	0.4	Pacific Grove	15,394	15,388	0.0
<b>Madera</b>	154,354	155,878	1.0	Salinas	154,815	154,720	-0.1
Chowchilla	18,894	18,542	-1.9	Sand City	342	362	5.8
Madera	63,008	63,961	1.5				
Balance of County	72,452	73,375	1.3				

# **E-1: City/County/State Population Estimates with Annual Percent Change January 1, 2014 and 2015**

JURISDICTION	Total Population 1/1/14	1/1/15	Percent Change	JURISDICTION	Total Population 1/1/14	1/1/15	Percent Change
Seaside	33,456	33,672	0.6	Westminster	91,637	92,106	0.5
Soledad	24,959	24,540	-1.7	Yorba Linda	67,055	67,719	1.0
Balance of County	103,438	103,645	0.2	Balance of County	121,458	124,014	2.1
<b>Napa</b>	139,074	140,362	0.9	<b>Placer</b>	366,678	369,454	0.8
American Canyon	19,989	20,149	0.8	Auburn	13,817	13,818	0.0
Calistoga	5,220	5,261	0.8	Colfax	2,000	1,994	-0.3
Napa	78,242	78,971	0.9	Lincoln	45,259	45,837	1.3
St Helena	5,941	6,065	2.1	Loomis	6,617	6,623	0.1
Yountville	3,017	3,017	0.0	Rocklin	59,746	60,252	0.8
Balance of County	26,665	26,899	0.9	Roseville	127,153	128,382	1.0
<b>Nevada</b>	97,823	98,193	0.4	Balance of County	112,086	112,548	0.4
Grass Valley	12,869	12,925	0.4	<b>Plumas</b>	19,682	19,560	-0.6
Nevada City	3,069	3,194	4.1	Portola	2,038	2,020	-0.9
Truckee	16,087	16,211	0.8	Balance of County	17,644	17,540	-0.6
Balance of County	65,798	65,863	0.1	<b>Riverside</b>	2,280,191	2,308,441	1.2
<b>Orange</b>	3,114,209	3,147,655	1.1	Banning	30,306	30,491	0.6
Aliso Viejo	49,939	50,204	0.5	Beaumont	40,853	42,481	4.0
Anaheim	348,369	351,433	0.9	Blythe	18,982	18,909	-0.4
Brea	42,389	43,328	2.2	Calimesa	8,225	8,353	1.6
Buena Park	82,330	82,767	0.5	Canyon Lake	10,817	10,901	0.8
Costa Mesa	111,835	113,455	1.4	Cathedral City	52,571	52,903	0.6
Cypress	48,874	49,184	0.6	Coachella	43,601	43,917	0.7
Dana Point	34,031	34,208	0.5	Corona	159,109	160,287	0.7
Fountain Valley	56,690	57,021	0.6	Desert Hot Springs	27,986	28,134	0.5
Fullerton	140,120	141,042	0.7	Eastvale	59,151	60,633	2.5
Garden Grove	173,935	174,774	0.5	Hemet	81,520	82,253	0.9
Huntington Beach	196,009	198,389	1.2	Indian Wells	5,133	5,194	1.2
Irvine	242,676	250,384	3.2	Indio	82,375	84,201	2.2
Laguna Beach	23,219	23,355	0.6	Jurupa Valley	97,738	98,885	1.2
Laguna Hills	30,848	30,994	0.5	Lake Elsinore	56,688	58,426	3.1
Laguna Niguel	64,449	64,836	0.6	La Quinta	39,023	39,694	1.7
Laguna Woods	16,575	16,652	0.5	Menifee	83,686	85,385	2.0
La Habra	61,705	62,079	0.6	Moreno Valley	199,257	200,670	0.7
Lake Forest	79,125	80,070	1.2	Murrieta	106,393	107,279	0.8
La Palma	15,890	15,965	0.5	Norco	26,566	25,891	-2.5
Los Alamitos	11,725	11,779	0.5	Palm Desert	50,424	51,053	1.2
Mission Viejo	95,320	96,652	1.4	Palm Springs	46,135	46,611	1.0
Newport Beach	86,870	87,249	0.4	Perris	72,063	72,908	1.2
Orange	139,268	140,094	0.6	Rancho Mirage	17,739	17,889	0.8
Placentia	52,084	52,427	0.7	Riverside	314,221	317,307	1.0
Rancho Santa Margarita	48,823	49,125	0.6	San Jacinto	45,537	45,895	0.8
San Clemente	64,865	65,399	0.8	Temecula	106,256	108,920	2.5
San Juan Capistrano	35,891	36,223	0.9	Wildomar	33,696	34,148	1.3
Santa Ana	332,386	335,264	0.9	Balance of County	364,140	368,823	1.3
Seal Beach	24,586	24,684	0.4	<b>Sacramento</b>	1,456,230	1,470,912	1.0
Stanton	38,954	39,219	0.7	Citrus Heights	84,550	85,147	0.7
Tustin	78,347	79,601	1.6	Elk Grove	160,723	162,899	1.4
Villa Park	5,932	5,960	0.5				

# **E-1: City/County/State Population Estimates with Annual Percent Change January 1, 2014 and 2015**

<b>JURISDICTION</b>	<b>Total Population</b>		<b>Percent Change</b>	<b>JURISDICTION</b>	<b>Total Population</b>		<b>Percent Change</b>
	<b>1/1/14</b>	<b>1/1/15</b>			<b>1/1/14</b>	<b>1/1/15</b>	
Folsom	74,014	74,909	1.2	Oceanside	170,791	171,682	0.5
Galt	24,285	24,607	1.3	Poway	48,847	49,041	0.4
Isleton	814	820	0.7	San Diego	1,347,954	1,368,061	1.5
Rancho Cordova	67,841	69,112	1.9	San Marcos	89,946	90,827	1.0
Sacramento	475,871	480,105	0.9	Santee	55,658	55,805	0.3
Balance of County	568,132	573,313	0.9	Solana Beach	13,059	13,104	0.3
<b>San Benito</b>	57,909	58,344	0.8	Vista	95,877	96,413	0.6
Hollister	36,927	37,305	1.0	Balance of County	498,159	504,330	1.2
San Juan Bautista	1,917	1,930	0.7	<b>San Francisco</b>	834,903	845,602	1.3
Balance of County	19,065	19,109	0.2	<b>San Joaquin</b>	708,678	719,511	1.5
<b>San Bernardino</b>	2,084,151	2,104,291	1.0	Escalon	7,306	7,413	1.5
Adelanto	32,476	33,084	1.9	Lathrop	19,786	20,353	2.9
Apple Valley	70,687	71,396	1.0	Lodi	63,496	63,719	0.4
Barstow	23,265	23,407	0.6	Manteca	72,701	73,787	1.5
Big Bear Lake	5,115	5,165	1.0	Ripon	14,822	14,922	0.7
Chino	81,670	84,465	3.4	Stockton	299,878	306,999	2.4
Chino Hills	76,055	77,596	2.0	Tracy	84,937	85,296	0.4
Colton	53,002	53,384	0.7	Balance of County	145,752	147,022	0.9
Fontana	202,013	204,312	1.1	<b>San Luis Obispo</b>	272,955	274,293	0.5
Grand Terrace	12,272	12,352	0.7	Arroyo Grande	17,295	17,428	0.8
Hesperia	91,417	92,177	0.8	Atascadero	28,636	29,169	1.9
Highland	53,975	54,332	0.7	El Paso de Robles	30,423	30,522	0.3
Loma Linda	23,589	23,751	0.7	Grover Beach	13,119	13,144	0.2
Montclair	37,332	38,458	3.0	Morro Bay	10,254	10,284	0.3
Needles	4,904	4,940	0.7	Pismo Beach	7,688	7,711	0.3
Ontario	167,240	168,777	0.9	San Luis Obispo	45,484	45,802	0.7
Rancho Cucamonga	172,168	174,064	1.1	Balance of County	120,056	120,233	0.1
Redlands	69,814	70,398	0.8	<b>San Mateo</b>	745,635	753,123	1.0
Rialto	101,329	102,092	0.8	Atherton	6,921	6,935	0.2
San Bernardino	212,584	213,933	0.6	Belmont	26,573	26,748	0.7
Twentynine Palms	26,550	25,846	-2.7	Brisbane	4,434	4,541	2.4
Upland	75,074	75,787	0.9	Burlingame	29,700	29,890	0.6
Victorville	120,485	121,168	0.6	Colma	1,471	1,480	0.6
Yucaipa	52,598	52,942	0.7	Daly City	105,141	105,810	0.6
Yucca Valley	21,030	21,355	1.5	East Palo Alto	28,949	29,137	0.6
Balance of County	297,507	299,110	0.5	Foster City	32,187	32,390	0.6
<b>San Diego</b>	3,192,457	3,227,496	1.1	Half Moon Bay	11,727	12,051	2.8
Carlsbad	109,900	110,653	0.7	Hillsborough	11,266	11,420	1.4
Chula Vista	255,580	257,989	0.9	Menlo Park	32,913	33,273	1.1
Coronado	23,369	23,497	0.5	Millbrae	22,617	22,898	1.2
Del Mar	4,221	4,238	0.4	Pacifica	38,315	38,551	0.6
El Cajon	101,003	101,444	0.4	Portola Valley	4,483	4,527	1.0
Encinitas	61,042	61,518	0.8	Redwood City	80,818	81,838	1.3
Escondido	146,742	147,294	0.4	San Bruno	43,247	44,409	2.7
Imperial Beach	26,603	26,761	0.6	San Carlos	29,238	29,449	0.7
La Mesa	58,615	58,813	0.3	San Mateo	100,170	101,429	1.3
Lemon Grove	25,856	26,199	1.3	South San Francisco	65,749	66,193	0.7
National City	59,235	59,827	1.0				

# **E-1: City/County/State Population Estimates with Annual Percent Change January 1, 2014 and 2015**

JURISDICTION	Total Population		Percent Change	JURISDICTION	Total Population		Percent Change
	1/1/14	1/1/15			1/1/14	1/1/15	
Woodside	5,500	5,539	0.7	<b>Siskiyou</b>	45,311	45,119	-0.4
Balance of County	64,216	64,615	0.6	Dorris	939	939	0.0
<b>Santa Barbara</b>	434,510	437,643	0.7	Dunsmuir	1,647	1,647	0.0
Buellton	4,911	4,931	0.4	Etna	739	741	0.3
Carpinteria	13,487	13,547	0.4	Fort Jones	716	716	0.0
Goleta	30,298	30,765	1.5	Montague	1,443	1,438	-0.3
Guadalupe	7,171	7,205	0.5	Mount Shasta	3,398	3,394	-0.1
Lompoc	43,439	43,479	0.1	Tulelake	1,013	1,013	0.0
Santa Barbara	90,612	91,088	0.5	Weed	2,961	2,699	-8.8
Santa Maria	101,383	102,087	0.7	Yreka	7,854	7,849	-0.1
Solvang	5,381	5,489	2.0	Balance of County	24,601	24,683	0.3
Balance of County	137,828	139,052	0.9	<b>Solano</b>	425,169	429,552	1.0
<b>Santa Clara</b>	1,868,038	1,889,638	1.2	Benicia	27,495	27,689	0.7
Campbell	41,871	41,857	0.0	Dixon	19,029	19,158	0.7
Cupertino	59,777	59,756	0.0	Fairfield	110,283	111,891	1.5
Gilroy	52,264	53,000	1.4	Rio Vista	7,946	8,193	3.1
Los Altos	29,884	30,036	0.5	Suisun City	28,589	28,888	1.0
Los Altos Hills	8,330	8,341	0.1	Vacaville	93,815	94,702	0.9
Los Gatos	30,443	30,505	0.2	Vallejo	118,797	119,683	0.7
Milpitas	69,903	72,606	3.9	Balance of County	19,215	19,348	0.7
Monte Sereno	3,439	3,451	0.3	<b>Sonoma</b>	492,320	496,253	0.8
Morgan Hill	41,079	41,779	1.7	Cloverdale	8,656	8,708	0.6
Mountain View	76,582	77,914	1.7	Cotati	7,302	7,346	0.6
Palo Alto	66,682	66,932	0.4	Healdsburg	11,564	11,687	1.1
San Jose	1,002,274	1,016,479	1.4	Petaluma	59,154	59,540	0.7
Santa Clara	120,942	120,973	0.0	Rohnert Park	40,819	41,077	0.6
Saratoga	30,798	30,799	0.0	Santa Rosa	170,974	173,071	1.2
Sunnyvale	146,724	148,028	0.9	Sebastopol	7,454	7,507	0.7
Balance of County	87,046	87,182	0.2	Sonoma	10,821	10,933	1.0
<b>Santa Cruz</b>	269,322	271,646	0.9	Windsor	27,161	27,335	0.6
Capitola	10,004	10,052	0.5	Balance of County	148,415	149,049	0.4
Santa Cruz	62,860	63,789	1.5	<b>Stanislaus</b>	528,157	532,297	0.8
Scotts Valley	11,800	11,928	1.1	Ceres	46,596	46,989	0.8
Watsonville	51,874	52,087	0.4	Hughson	7,137	7,222	1.2
Balance of County	132,784	133,790	0.8	Modesto	207,878	209,186	0.6
<b>Shasta</b>	178,742	178,673	0.0	Newman	10,695	10,753	0.5
Anderson	10,277	10,269	-0.1	Oakdale	21,499	21,773	1.3
Redding	90,950	91,110	0.2	Patterson	20,979	21,094	0.5
Shasta Lake	10,044	10,020	-0.2	Riverbank	23,305	23,485	0.8
Balance of County	67,471	67,274	-0.3	Turlock	70,362	71,043	1.0
<b>Sierra</b>	3,125	3,105	-0.6	Waterford	8,639	8,686	0.5
Loyalton	738	733	-0.7	Balance of County	111,067	112,066	0.9
Balance of County	2,387	2,372	-0.6	<b>Sutter</b>	95,739	95,948	0.2
				Live Oak	8,527	8,546	0.2
				Yuba City	65,557	66,363	1.2
				Balance of County	21,655	21,039	-2.8

**E-1: City/County/State Population Estimates with Annual Percent Change  
January 1, 2014 and 2015**

<b>JURISDICTION</b>	<b>Total Population</b>		<b>Percent Change</b>	<b>JURISDICTION</b>	<b>Total Population</b>		<b>Percent Change</b>
	<b>1/1/14</b>	<b>1/1/15</b>			<b>1/1/14</b>	<b>1/1/15</b>	
<b>Tehama</b>	64,209	64,323	0.2	<b>Yuba</b>	73,690	74,076	0.5
Corning	7,656	7,638	-0.2	Marysville	12,078	12,051	-0.2
Red Bluff	14,238	14,260	0.2	Wheatland	3,419	3,437	0.5
Tehama	420	420	0.0	Balance of County	58,193	58,588	0.7
Balance of County	41,895	42,005	0.3				
<b>Trinity</b>	13,623	13,571	-0.4				
<b>Tulare</b>	458,827	462,189	0.7				
Dinuba	23,601	23,966	1.5				
Exeter	10,506	10,572	0.6				
Farmersville	10,901	10,908	0.1				
Lindsay	12,615	12,678	0.5				
Porterville	55,573	55,852	0.5				
Tulare	61,725	62,363	1.0				
Visalia	129,481	130,753	1.0				
Woodlake	7,687	7,702	0.2				
Balance of County	146,738	147,395	0.4				
<b>Tuolumne</b>	54,150	54,337	0.3				
Sonora	4,839	4,879	0.8				
Balance of County	49,311	49,458	0.3				
<b>Ventura</b>	842,385	848,073	0.7				
Camarillo	66,715	67,154	0.7				
Fillmore	15,333	15,441	0.7				
Moorpark	35,158	35,727	1.6				
Ojai	7,593	7,612	0.3				
Oxnard	203,474	206,148	1.3				
Port Hueneme	22,389	22,768	1.7				
San Buenaventura	108,881	109,338	0.4				
Santa Paula	30,435	30,556	0.4				
Simi Valley	126,215	126,483	0.2				
Thousand Oaks	128,942	129,349	0.3				
Balance of County	97,250	97,497	0.3				
<b>Yolo</b>	208,246	209,393	0.6				
Davis	66,802	66,757	-0.1				
West Sacramento	50,908	51,272	0.7				
Winters	6,970	6,954	-0.2				
Woodland	57,307	57,525	0.4				
Balance of County	26,259	26,885	2.4				

**Planning Document**  
**For**  
**Relief of California 619 NPA**  
**January 20, 2016**

North American Numbering Plan Administration

Joseph R. Cocke  
Sr. NPA Relief Planner



## 619 NPA Background Information

### General Facts:

California became the 31<sup>st</sup> state on September 9, 1850. It has a population of over 38 million people and encompasses 155,959 square miles. Bordering states are: Arizona and Nevada to the east, Oregon to the north, with the Pacific Ocean to the west and Mexico to the south. The state flower is the California Poppy, the state mineral is gold, the state animal is the California Grizzly Bear and the state bird is the California Quail. California's 32<sup>nd</sup> area code went into service March 21, 2015.

The 619 NPA was created in 1982 from a split off the original 714 NPA. In 1997 the 760 NPA was split off the 619 NPA. In 1999 the 858 NPA was split off the 619 NPA. Today the 619 NPA principally serves the southern portion of the City of San Diego and the adjacent cities of Chula Vista, Coronado, El Cajon, Imperial Beach, La Mesa, Lemon Grove, National City, Santee and unincorporated areas of San Diego County. The 858 NPA serves the northern portion of the City of San Diego along with the adjacent cities of Del Mar, Poway, Solana Beach and a small portion of the City of Encinitas as well as an unincorporated area of San Diego County. There are eleven rate centers in the 619 NPA of which six serve the City of San Diego. The 858 NPA has eight rate centers and all serve the City of San Diego. Also, a small portion of the City of San Diego and other cities in northern San Diego County are served by the 760/442 NPA overlay complex, which requires 1 plus ten-digit dialing. The October 26, 2015 NRUF forecasts the 619 NPA to exhaust in 1Q2019 and the 858 NPA projected life is beyond thirty years.

The area served by the 619 NPA is largely made up of the City of San Diego, the state's 2<sup>nd</sup> most populated city of over 1.3 million people, as well as neighboring cities and unincorporated portions of San Diego County. This NPA has a mix of metropolitan city, suburban cities with residential, commercial and light industrial areas with varied growth. Additionally, the area code is home to hospitals, colleges and universities, museums, cultural and entertainment centers. Points of interest include the San Diego Navy Base, the Port of San Diego, San Diego Zoo and Sea World. Also notable are the San Diego International Airport, many vacation attractions of fishing and boating in the Pacific Ocean. The 619 NPA is bordered on the north by the 858 NPA, to the east by the 760/442 NPA overlay complex, to the west by the Pacific Ocean, and to the south by Mexico.

### Relief Planning Background and Assumptions:

The 619 NPA has 11 rate centers of which all are in mandatory Thousand-Block-Number Pooling, which started October 27, 2001. The 619 NPA is in LATA 732. This NPA is not in rationing. The October 26, 2015 NRUF Exhaust Forecast for the 619 NPA is 1Q2019 with a demand rate of 29 codes per year. Because there is a heavy concentration of assigned NXX codes in a few rate centers, NANPA has determined that only an overlay relief alternative will meet the INC guidelines.

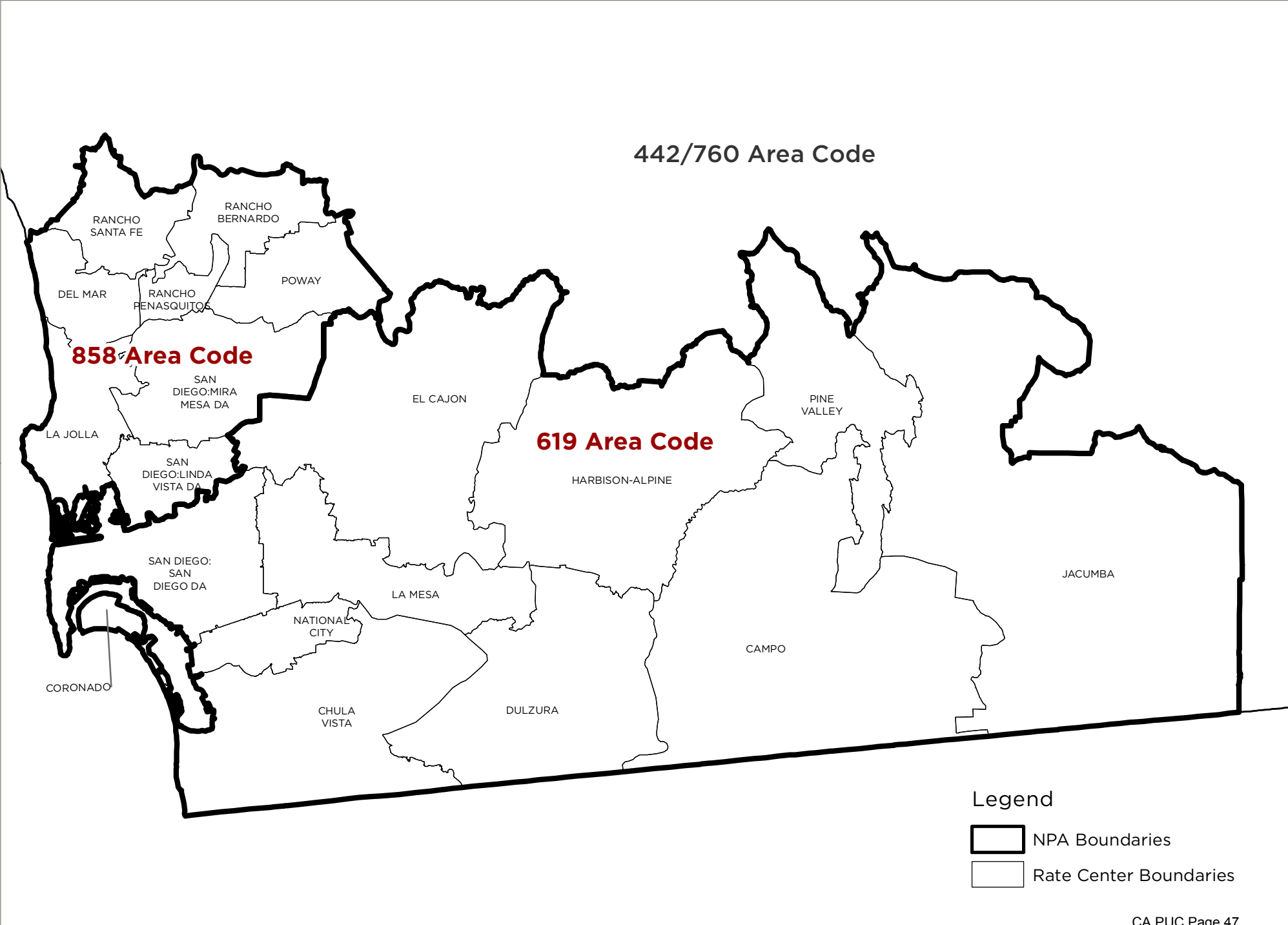
### CO Code Summary:

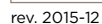
As of December 15, 2015, the 619 NPA has 692 codes assigned, 92 codes available for assignment and 16 Un-Assignable codes: N11s, 555, 570, 619, 700, 935, 950, 958 and 959. There are a total of 68 service provider OCNs; 49 are code and block holders and 19 that are only block holders. Remaining from the 619-858 NPA split, are two grandfathered CO Codes from the 619 NPA rated in the 858 NPA La Jolla and Poway rate centers.

### CURRENT DIALING PLAN:

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







California  
NPA 619 and 858 NXX Summary  
Data as of 12/15/15

<u>NPA</u>	<u>619</u>	<u>858</u>				
Assigned NXXs	692	406				
Protected NXXs	0	0				
Reserved NXXs	0	0				
Unavailable NXXs	16	32				
Available NXXs	92	362				
Total	800	800				
<b><u>Codes Assignment History</u></b>						
2010	17	3				
2011	6	5				
2012	13	6				
2013	9	6				
2014	33	13				
2015*	32	8				
* As of 12-15-15						
<b>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</b>						

<b>POOLING STATISTICS</b>	
<i>Provided By: Cecilia McCabe</i>	
ST/NPA:	CA 619
MEETING DATE:	1/20/2016
MEETING SUBJECT:	
<i>Relief Planning</i>	X
<i>Jeopardy</i>	
<i>Jeopardy Status Review</i>	
<i>UA NXXs</i>	
<i>Other</i>	
POOL START DATE (PSD)	10/27/2001
RATE CENTERS	
<i># Total</i>	11
<i># Mandatory</i>	11
<i># Mandatory-Single Service Providers (M*)</i>	0
<i># Optional</i>	0
<i># Excluded</i>	0
BLOCKS ASSIGNED	
<i># Total</i>	325
<i>(For time period 01/01/15- 12/10/15)</i>	
BLOCKS AVAILABLE	
<i>#Total</i>	60
<i>(As of preparation date: 12/10/15)</i>	
CODES ASSIGNED	
<i># Total</i>	32
<i># for Pool Replenishment</i>	30
<i># for Dedicated Customers</i>	1
<i># for LRNs</i>	1
<i>(For time period 01/01/15- 12/10/15)</i>	
CODES FORECASTED	
<i># Total</i>	16
<i># for Pool Replenishment and Dedicated Customers</i>	16
<i># for LRNs</i>	0
<i>(For the next twelve months as of 12/10/15)</i>	

<b>POOLING STATISTICS</b>	
<i>Provided By: Cecilia McCabe</i>	
ST/NPA:	CA 858
MEETING DATE:	1/20/2016
MEETING SUBJECT:	
<i>Relief Planning</i>	X
<i>Jeopardy</i>	
<i>Jeopardy Status Review</i>	
<i>UA NXXs</i>	
<i>Other</i>	
POOL START DATE (PSD)	12/29/2001
RATE CENTERS	
<i># Total</i>	8
<i># Mandatory</i>	8
<i># Mandatory-Single Service Providers (M*)</i>	0
<i># Optional</i>	0
<i># Excluded</i>	0
BLOCKS ASSIGNED	
<i># Total</i>	142
<i>(For time period 01/01/15- 12/10/15)</i>	
BLOCKS AVAILABLE	
<i>#Total</i>	129
<i>(As of preparation date: 12/10/15)</i>	
CODES ASSIGNED	
<i># Total</i>	8
<i># for Pool Replenishment</i>	8
<i># for Dedicated Customers</i>	0
<i># for LRNs</i>	0
<i>(For time period 01/01/15- 12/10/15)</i>	
CODES FORECASTED	
<i># Total</i>	6
<i># for Pool Replenishment and Dedicated Customers</i>	6
<i># for LRNs</i>	0
<i>(For the next twelve months as of 12/10/15)</i>	

**STATE: CALIFORNIA****NPA: 619****CODE HOLDER DATA DATE: December 15, 2015**

OCN Name	OCN	Codes
365 WIRELESS, LLC	551G	1
ADELPHIA BUSINESS SOLUTIONS OF HARRISBURG, INC.	8502	33
AQUIS COMMUNICATIONS, INC.	6919	1
ARMSTRONG TELECOMMUNICATIONS, INC. - PA	422C	1
AT&T LOCAL	7421	6
ATX TELECOMMUNICATIONS SERVICES, LTD	7757	4
BANDWIDTH.COM CLEC, LLC - PA	002F	5
BIG RIVER TELEPHONE COMPANY, LLC - PA	218F	1
BROADVIEW NETWORKS, INC. - PA	1703	1
BROADVOX-CLEC, LLC - PA	129D	1
CELLCO PARTNERSHIP DBA VERIZON WIRELESS - PA	6392	64
CENTURYLINK COMMUNICATIONS LLC	7575	5
CHOICE ONE COMMUNICATIONS, INC. - PA	4024	10
COMCAST PHONE OF PENNSYLVANIA, LLC - PA	6063	23
COMMONWEALTH TELEPHONE COMPANY	0161	15
CORE COMMUNICATIONS, INC. - PA	3806	23
CTSI, INC. - PA	7513	14
D&E/OMNIPOINT WIREL JOINT VENT LP DBA PCS ONE	6846	27
FRONTIER COMMUNICATIONS OF BREEZEWOOD, LLC	0149	2
FRONTIER COMMUNICATIONS OF PENNSYLVANIA, LLC	0168	8
INFINITE COMMUNICATION, LLC - PA	784E	1
LEVEL 3 COMMUNICATIONS, LLC - PA	4007	16
LOCAL ACCESS LLC - PA	968G	1
MCI WORLDCOM COMMUNICATIONS, INC. - PA	7434	3
MOSAIC NETWORKX LLC - PA	078H	1
NEUTRAL TANDEM-PENNSYLVANIA, LLC - PA	547E	1
NEW CINGULAR WIRELESS PCS, LLC - DC	4036	69
PEERLESS NETWORK OF PENNSYLVANIA, LLC - PA	967E	1
SCHUYLKILL MOBILE FONE, INC.	6739	3
SERVICE ELECTRIC TELEPHONE COMPANY, LLC	8320	2
SPRINT COMMUNICATIONS COMPANY, L.P. - PA	8739	3
SPRINT SPECTRUM L.P.	6664	11
SPRINT SPECTRUM L.P.- PA	8458	29
TCG NEW JERSEY, INC. - PA	7309	2
TELCOVE OF PENNSYLVANIA, INC. - PA	7237	1
TELCOVE OF YORK - PA	8497	18
UNITED TEL CO. OF PENNSYLVANIA DBA CENTURYLINK	0209	81
US LEC OF PENNSYLVANIA, INC.	2514	1
USA MOBILITY WIRELESS, INC.	6630	5
VERIZON NORTH INC.-PA	0169	54
VERIZON NORTH INC.-PA (CONTEL)	0170	5
VERIZON PENNSYLVANIA, INC.	9208	121



VIRGINIA PCS ALLIANCE, L.C.	6822	1
VOXBEAM TELECOMMUNICATIONS INC. - PA	992G	4
WINDSTREAM D & E SYSTEMS, INC. - PA	4114	20
WINDSTREAM D&E, INC.	0165	13
XO COMMUNICATIONS SERVICES INC - PA	7341	22
YMAX COMMUNICATIONS CORP. - PA	283E	1

CA 619 NPA – No CO Code - only Block Holder Table

<u>Company</u>	<u>OCN</u>
Cbeyond	206C
CF Comm.	8886
Citrix Comm.	033H
Cox Telecom	7661
DMR Comm.	478A
Metro PCS	5562
MPower Comm.	8322
OnVoy Comm.	668G
Pacific Centrex	3662
RCLEC	886G
Telcentris Comm.	339F
Telscape Comm.	2595
Time Warner Cable	576C
T-Mobile	6529
TNCI	7379
Telepacific	7453
Utility Telephone	9262
Vaya Telecom	432F
Wide Voice	252F

**STATE: CALIFORNIA****NPA: 858****CODE HOLDER DATA DATE: December 15, 2015**

OCN Name	OCN	Codes
365 WIRELESS, LLC	551G	1
ADELPHIA BUSINESS SOLUTIONS OF HARRISBURG, INC.	8502	33
AQUIS COMMUNICATIONS, INC.	6919	1
ARMSTRONG TELECOMMUNICATIONS, INC. - PA	422C	1
AT&T LOCAL	7421	6
ATX TELECOMMUNICATIONS SERVICES, LTD	7757	4
BANDWIDTH.COM CLEC, LLC - PA	002F	5
BIG RIVER TELEPHONE COMPANY, LLC - PA	218F	1
BROADVIEW NETWORKS, INC. - PA	1703	1
BROADVOX-CLEC, LLC - PA	129D	1
CELLCO PARTNERSHIP DBA VERIZON WIRELESS - PA	6392	64
CENTURYLINK COMMUNICATIONS LLC	7575	5
CHOICE ONE COMMUNICATIONS, INC. - PA	4024	10
COMCAST PHONE OF PENNSYLVANIA, LLC - PA	6063	23
COMMONWEALTH TELEPHONE COMPANY	0161	15
CORE COMMUNICATIONS, INC. - PA	3806	23
CTSI, INC. - PA	7513	14
D&E/OMNIPOINT WIREL JOINT VENT LP DBA PCS ONE	6846	27
FRONTIER COMMUNICATIONS OF BREEZEWOOD, LLC	0149	2
FRONTIER COMMUNICATIONS OF PENNSYLVANIA, LLC	0168	8
INFINITE COMMUNICATION, LLC - PA	784E	1
LEVEL 3 COMMUNICATIONS, LLC - PA	4007	16
LOCAL ACCESS LLC - PA	968G	1
MCI WORLDCOM COMMUNICATIONS, INC. - PA	7434	3
MOSAIC NETWORKX LLC - PA	078H	1
NEUTRAL TANDEM-PENNSYLVANIA, LLC - PA	547E	1
NEW CINGULAR WIRELESS PCS, LLC - DC	4036	69
PEERLESS NETWORK OF PENNSYLVANIA, LLC - PA	967E	1
SCHUYLKILL MOBILE FONE, INC.	6739	3
SERVICE ELECTRIC TELEPHONE COMPANY, LLC	8320	2
SPRINT COMMUNICATIONS COMPANY, L.P. - PA	8739	3
SPRINT SPECTRUM L.P.	6664	11
SPRINT SPECTRUM L.P.- PA	8458	29
TCG NEW JERSEY, INC. - PA	7309	2
TELCOVE OF PENNSYLVANIA, INC. - PA	7237	1
TELCOVE OF YORK - PA	8497	18
UNITED TEL CO. OF PENNSYLVANIA DBA CENTURYLINK	0209	81
US LEC OF PENNSYLVANIA, INC.	2514	1
USA MOBILITY WIRELESS, INC.	6630	5
VERIZON NORTH INC.-PA	0169	54
VERIZON NORTH INC.-PA (CONTEL)	0170	5
VERIZON PENNSYLVANIA, INC.	9208	121

VIRGINIA PCS ALLIANCE, L.C.	6822	1
VOXBEAM TELECOMMUNICATIONS INC. - PA	992G	4
WINDSTREAM D & E SYSTEMS, INC. - PA	4114	20
WINDSTREAM D&E, INC.	0165	13
XO COMMUNICATIONS SERVICES INC - PA	7341	22
YMAX COMMUNICATIONS CORP. - PA	283E	1

CA 858 NPA – No CO Code - only Block Holder Table

<u>Company</u>	<u>OCN</u>
Cbeyond	206C
CF Comm.	8886
Cox Telecom	7661
Metro PCS	5562
MPower Comm.	8322
OnVoy Comm.	668G
Pacific Centrex	3662
Telcentris Comm.	339F
Telscape Comm.	2595
Time Warner Cable	576C
T-Mobile	6529
TNCI	7379
Telepacific	7453
Utility Telephone	9262
Vaya Telecom	432F

**STATE: CALIFORNIA**

**NPA: 619**

**RATE CENTER DATA DATE: December 15, 2015**

Rate Center Name	Codes
CAMPO	6
CHULAVISTA	111
CORONADO	21
DULZURA	7
EL CAJON	77
HARBSNALPN	7
JACUMBA	6
LA JOLLA*	1
LA MESA	51
NATIONALCY	35
PINEVALLEY	6
POWAY*	1
SNDG SNDG	361

\*Grandfathered codes

**STATE: CALIFORNIA**

**NPA: 858**

**RATE CENTER DATA DATE: December 15, 2015**

Rate Center Name	Codes
DEL MAR	36
LA JOLLA	134
POWAY	40
RNCHOBRRNDO	39
RNCHOPNQTS	20
RNCHOSANFE	13
SNDG LVTA	67
SNDG MRMS	56

# 619 NPA - RELIEF

## CALIFORNIA

Numbering Plan Area Born on Date: January 1, 1982

### NPA RELIEF PLANING TOOL ASSUMPTIONS

NRUF DATE.....October 26, 2015  
PROJECTED EXHAUST DATE.....1Q2019  
ANNUALIZED CODE DEMAND PROJECTION.....29  
MONTHLY CO CODE DEMAND PROJECTION.....2.41  
NXX Assignment data .....December 15, 2015

### NPA RELIEF ALTERNATIVES

#### **NPA BOUNDARY ELIMINATION OVERLAY-ALTERNATIVE # 1**

The boundary between the existing 858 and 619 NPA codes would be eliminated and the 858 and 619 NPAs would be assigned to the same geographic areas occupied by the existing 858 and 619 NPAs. The 858 NPA and 619 NPA customers would retain their current telephone numbers; however, 1 plus ten-digit dialing for all calls by all customers within and between the 858 and 619 NPAs in the affected area would be required. Available central office codes in the 858 overlay NPA will be assigned upon request in the 619 area with the effective date of the new area code boundary and available 619 NPA central office codes could be assigned upon request in the 858 NPA area. At exhaust of the 619 NPA all future NXX code assignments will be made from the 858 overlay area code supply of central office codes. There are eight rate centers in the 858 NPA with a forecasted exhaust of more than 30 years; eliminating the boundary to include the 619 NPA area would result in a projected life of approximately 17 years before additional relief would be required. Since an overlay is required for the southern portion of the City of San Diego, not only would this conserve the supply of NPAs, it would bring consistent dialing to the City of San Diego and to the entire County of San Diego.

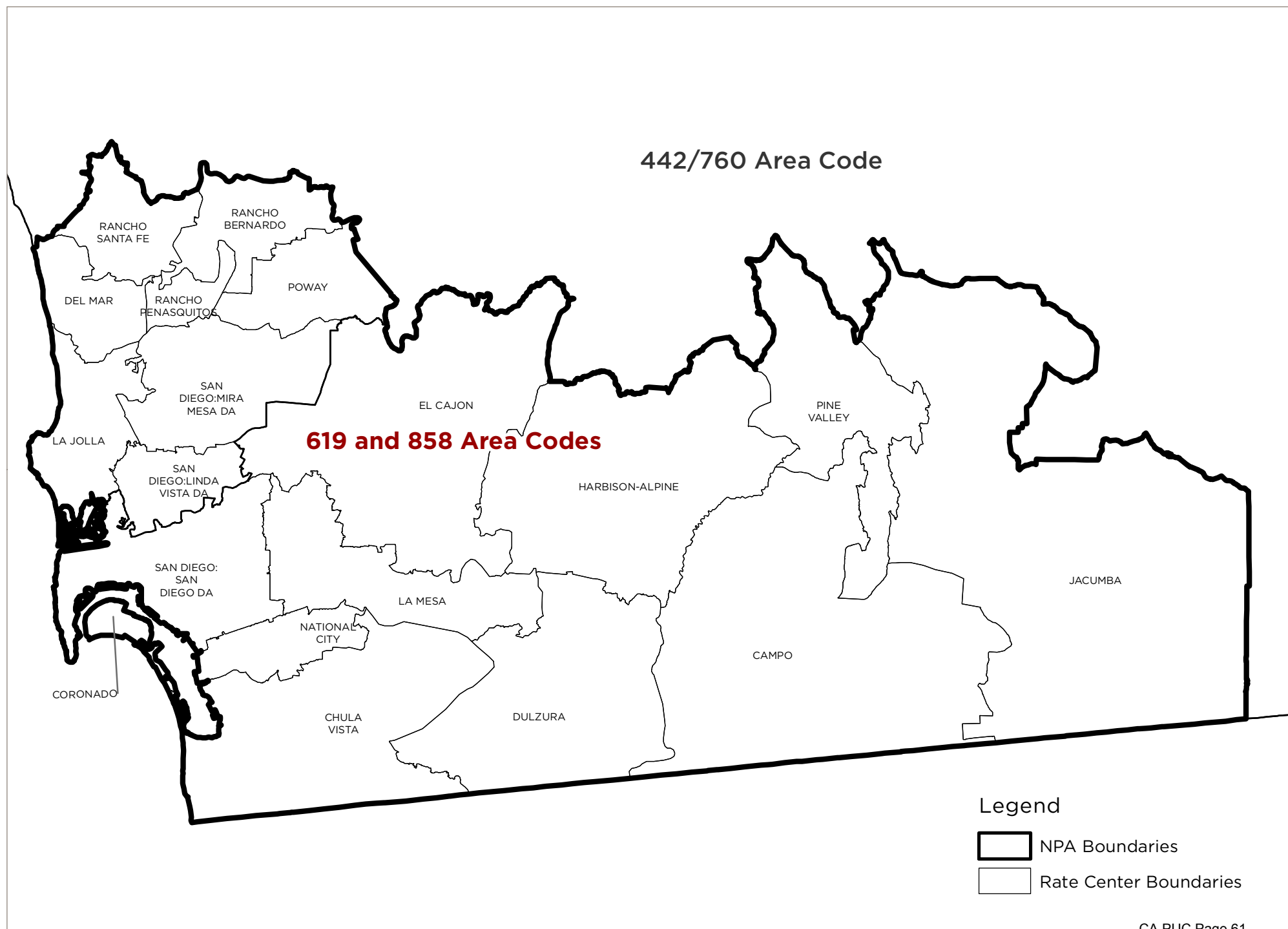
#### **OVERLAY-ALTERNATIVE # 2**

A new NPA code would be assigned to the same geographic area occupied by the existing eleven rate centers of the 619 NPA. Customers would retain their current telephone numbers; however, 1 plus ten-digit dialing by all customers within and between NPAs in the affected area would be required. Codes in the overlay NPA will be assigned upon request with the effective date of the new area code. At exhaust of the 619 NPA all future code assignments will be made in the overlay area code. The projected life of this alternative is approximately 27 years. An overlay over the 619 NPA would require 1+10-digit dialing for the southern portion of the City of San Diego, adjacent cities and the unincorporated areas of San Diego County.

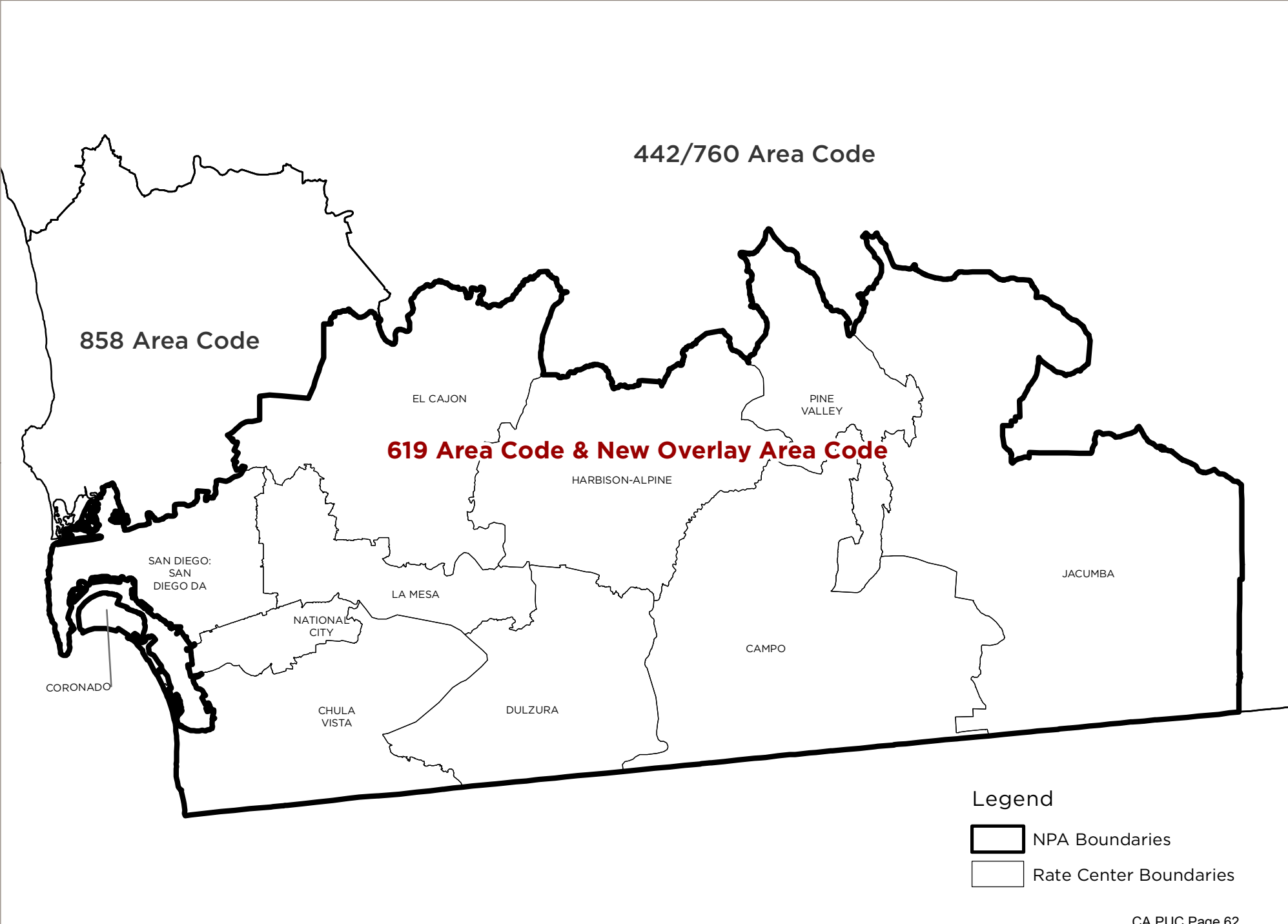
**Alternatives #1 and #2 meet the requirements set forth in the INC NPA Code Relief Planning and Notification Guidelines.**



# ALTERNATIVE # 1 - RATE CENTER MAP OF BOUNDARY ELIMINATION OVERLAY OF THE 619 AND 858 AREA CODES



CALIFORNIA 619 AREA CODE RATE CENTER MAP  
ALTERNATIVE # 2 - OVERLAY



# EXHIBIT B

January 12, 2016

To: All 619 NPA and 858 NPA Code Holders and Other Industry Members (California)

Subject: Updated Planning Document for the 619 NPA Relief Planning Meeting

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Neustar, Inc., in its capacity as the North American Numbering Plan Administration (NANPA) is responsible for initiating area code relief (in accordance with the NPA Code Relief Planning and Notification Guidelines, ATIS-0300061) in areas within the United States in sufficient time to prevent exhaust of numbering resources before relief is implemented, typically thirty-six months prior to exhaust. The October 26, 2015, Numbering Resource Utilization Forecast (NRUF) projects the 619 NPA in California will exhaust during the 1Q2019.

Attached is the updated planning document for the January 20, 2016, industry NPA relief planning conference call with recommended relief alternatives for the 619 NPA. NANPA has determined that only an overlay alternative will meet the guidelines. In Section 5.6.2 of the guidelines - where NPA relief is required for a single NPA area and NANPA has determined that only an overlay alternative will meet the guidelines, the Initial Planning Document, relief planning meeting, and industry consensus to recommend an overlay is not required and NANPA shall draft a relief plan petition requesting approval of the overlay and recommending an implementation schedule including network preparation, customer education, and a permissive dialing period. Because there are two possible overlay alternatives, one of which involves the 858 NPA, industry consensus is required for a recommended alternative.

Due to the complexities of NPA relief applications submitted before the California Public Utilities Commission (CPUC), NANPA plans to prepare the relief application for industry review and approval after the required local jurisdiction and public meetings have concluded. These meetings will be scheduled by the CPUC.

The guidelines mention that during the conference call, the timeframes for the implementation schedule will be determined to finalize the relief petition. The draft petition will include a recommendation for the state's existing overlay dialing plan. The recommended mandatory dialing date should be six months prior to the forecasted exhaust (see Section 5.1 of the guidelines). As usual, meeting minutes shall be produced and distributed by NANPA within 10 days of the conference call.

NANPA shall submit the petition 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 of the guidelines.

The objective of this meeting is to secure consensus among members of the California Telecommunications Industry on the above details of the plan for relief of the 619 NPA. The resulting relief plan will be filed with the California Public Utilities 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.

Attached are supporting Planning Documents for the 619 NPA and 858 NPA developed by NANPA and will be presented at the January 20, 2016 meeting to assist the Industry with NPA relief planning efforts.

Also attached to this notice are the meeting agenda, consensus process, relief planning meeting aids, the California 619 NPA and 858 NPA NXX Summary and Pooling Statistics reports, State of California Department of Finance population statistics and sections of the California State PU Code relating to area code relief planning and notification requirements for your reference.

Because the resulting impacts of NPA relief planning are so significant, NANPA strongly encourages your participation at the January 20, 2016 meeting. The details of the meeting are as follows:

**Date: January 20, 2016**

**Time: 11:00 AM PT; 12:00 PM MT; 1:00 PM CT; 2:00 PM ET**

**Dial-in number: (630) 827-6799      Pass code: 8831535#**

**NANPA is also making an online capability available for this meeting. To join the online of the reference documents during the call please utilize the link and instructions provided below:**

[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_neustar.webex.com\\_neustar\\_j.php-3FMTID-3Dm9257f9a772ab69a2f3ae95bf4c9c8472&d=CwMGaQ&c=MOptNIVtIETeDALC\\_IULrw&r=O6ub6WcNvHcqR8QyH34bdMaow0\\_qxONlcs mouaSKj8g&m=7HrTSghZok2hK5wzQfYJoGw2nKp6jpgFb-v8BpMBBNM&s=de\\_UAw\\_fyHTqiKuxAJIM0yVJUZZsG-92pbt8yumq0nA&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__neustar.webex.com_neustar_j.php-3FMTID-3Dm9257f9a772ab69a2f3ae95bf4c9c8472&d=CwMGaQ&c=MOptNIVtIETeDALC_IULrw&r=O6ub6WcNvHcqR8QyH34bdMaow0_qxONlcs mouaSKj8g&m=7HrTSghZok2hK5wzQfYJoGw2nKp6jpgFb-v8BpMBBNM&s=de_UAw_fyHTqiKuxAJIM0yVJUZZsG-92pbt8yumq0nA&e=)

Meeting number: 620 275 916

Meeting Password: Drm9pJ36

Please feel free to distribute this notice to others in the industry that you feel should attend this important NPA relief planning conference call. If you received this notice from someone else and would like to receive additional information in the future about the 619 NPA relief, you are encouraged to sign up to NANPA's NAS-NNS by going to [www.nanpa.com](http://www.nanpa.com), then selecting NAS Login and then selecting New Registration and following the sign-up process.

Please feel free to contact me if you have any questions regarding the above relief planning conference call, any aspect of relief planning, or have any questions about receiving notices and documents via NNS. I can be reached on 571-434-5690 or via email at the address above.

Sincerely,

Joseph R. Cocke  
Senior NPA Relief Planner  
NANPA  
e-mail: [joe.cocke@neustar.biz](mailto:joe.cocke@neustar.biz)

CC: Fe Lazaro and Joanne Leung – CPUC Staff

Attachments

**CALIFORNIA 619 NPA  
INITIAL RELIEF PLANNING  
INDUSTRY MEETING  
VIA CONFERENCE CALL**

**January 20, 2016 - 11:00 AM (PT)  
BRIDGE: (630) 827-6799; PASSCODE: 8831535 #**

**AGENDA**

Welcome, Introductions, Consensus Definition / Statements for the record

NANPA's Role and Responsibilities

Review of 619 NPA (and 858 NPA) Background, History and Status

Review of Planning Document and Recommended Relief

Discussion and Elimination of Relief Alternatives

Consensus on Relief Alternative and Dialing Plan

Consensus on Implementation Intervals

Review of State Law and PU Code Notification Requirements

Schedule Local Jurisdiction and Public Meetings

Statements for the Record

Set Date to Approve Minutes

Open Discussions

Adjourn

# INDUSTRY CONSENSUS PROCESS

3/1/2015

ATIS OPERATING PROCEDURES

VERSION 5.4

## 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.



*This meeting aid is prepared to assist the participants in understanding basic steps and considerations in NPA Relief Planning and the criteria established to determine if relief alternatives are viable.*

**Section:**

2.6 The ATIS consensus process will be employed in selecting an industry relief recommendation to ensure that the plan that does not favor a particular interest group.

2.12 Once there is an approved relief plan, all code holders, block holders, and the Pooling Administrator (PA) in the exhausting NPA shall take the appropriate steps to facilitate the implementation of the plan.

**Section:**

**5.0 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:

Sub -A - The relief options shall cover a period of at least five years beyond the predicted date of exhaust, and shall cover more than one relief activity, if necessary, during the time frame.

Sub -E - For each relief activity proposed in the plan, it is recommended that customers who undergo number changes shall not be required to change again for a period of 8-10 years.

Sub -F - The use of protected codes (NXXs) is an assignment practice whereby a central office code assigned in one NPA is not available for assignment in an adjacent NPA in order to permit 7 digit dialing across the NPA boundary. The use of protected codes (NXXs), which permits 7-digit dialing across NPA boundaries, should be eliminated as part of the NPA code relief planning process unless the appropriate regulatory authority directs otherwise.<sup>1</sup>

<sup>1</sup> Per letter dated 10-29-97 from NANC Chairman to INC Moderator.

Sub –G - The use of protected routes, which also permits 7-digit dialing across NPA boundaries, shall continue unless otherwise directed by the appropriate regulatory authority.<sup>2</sup> Where it is suspected that protected routes and 7-digit dialing cross-boundary exists, NANPA shall continue the code assignment practices that permit the continued protection of these routes until such time as these routes are eliminated by the service provider(s) or the appropriate regulatory authority. Any changes in rate centers or NXXs that would increase or decrease protected routes shall be reported to NANPA by the service provider initiating the change. The notification shall include the tariff, the rate centers and NXX codes involved and the direction of the 7-digit local calling. This notification is important since such changes may have code consumption implications on multiple NPAs. It should be understood that continuing this practice can result in a less efficient use of resources and shorten the forecasted lives of the NPA currently under relief planning as well as the adjacent NPAs; i.e. two-way 7-digit dialing across NPAs might involve several rate centers and many NXX codes in multiple NPAs. Additionally, the relief planning model used by NANPA cannot take into account the protected routes when projecting the lives of new NPA relief alternatives because the model assumptions are based on the premise that all NXXs available for assignment can be assigned to all rate centers. A high number of protected routes may impact the availability of NXX codes in specific rate centers (usually high-demand rate centers), which directly impacts the exhaust timeframe of an area code. As a result, NPA relief planning may start prematurely or may not permit for the standard intervals for relief implementation.

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

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

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

the end of the recorded announcement period should be at least six months prior to the earliest likely exhaust date.

- 5.3 Define the Attributes of Each Alternative or Method - For each of the alternative relief methods identified in 5.2, NANPA should, with assistance from the industry participants, quantify impacts to subscribers, networks and service providers and industry concerns using Appendix B. Specific calculations such as the relative lengths of the relief periods, local dialing plans using 7-digits or 10-digits, and if available the number of subscribers requiring number changes should be made at this point. Any known technical and operational impacts should also be identified by service providers including items such as required switch replacements and support system modifications.
- 5.4 Notify Industry of Pending NPA Exhaust and Results of Initial Relief Planning - The next step in the NPA Relief Planning Process is to incorporate the results of the steps outlined in 5.1 through 5.3 into an Initial Planning Document (IPD) for distribution to the Industry in the affected NPA. The IPD should be attached to a letter notifying Industry members of future meeting schedules to be held for the purpose of discussing the alternative relief methods, with the objective of reaching consensus on the method to be adopted. The IPD should be provided at least four weeks prior to the first industry meeting to allow individual industry members to fully analyze the alternatives.
- 5.5 Conduct Industry Meetings with the Goal of Reaching Industry Consensus on a Relief Plan – Meetings and/or conference calls should be held with all interested members of the industry within the affected NPA. When a meeting notice is issued, NANPA will state that an SP requesting a conference bridge must notify the meeting host to make arrangements (e.g., equipment, bridge number, cost of call). In order to keep the meeting manageable, participants on the bridge will not be accorded special consideration<sup>3</sup>. NANPA will moderate these meetings or conference calls and will be fully prepared to answer questions regarding the alternatives. During the meetings/conference calls, new alternatives may be proposed and must be considered in these discussions. Inasmuch as the objective of these meetings is to reach industry consensus, subsequent joint meetings will be held as required until consensus is reached, or until NANPA determines consensus cannot be reached.

<sup>3</sup> Caveat: those on the bridge may NOT ask for comments to be repeated or for additional explanations to be given because they cannot see what's happening in the room. The use of a bridge must not slow down the meeting.

In discussing the alternatives, issues such as new NPA boundaries, local calling areas, protected codes, regulatory issues, customer education, 911 issues, and the length of any necessary permissive dialing period should be considered.

All meetings and/or conference calls should be fully documented in meeting minutes, which are to be made available to the local industry within two weeks after the meeting/conference call and no less than one week prior to a subsequent meeting or call unless otherwise agreed. Copies of meeting minutes may also be forwarded to the appropriate regulatory body.

- 5.6 **Notify Appropriate Regulatory Body** - When consensus is reached within the industry or when NANPA determines additional meetings would not achieve consensus, NANPA should submit to the appropriate regulatory body (or bodies) 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 **Where NPA relief is required for an existing overlay complex, the Initial Planning Document, relief planning meeting, and industry consensus to recommend an overlay is not required.** NANPA shall draft a relief plan petition 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 local 10-digit dialing will already be in place. The draft petition 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 petition. During the conference call, the timeframes for the implementation schedule will be determined. The recommended relief should be in place six months prior to the forecasted exhaust (see Section 7.2). As usual, meeting minutes shall be produced and distributed by NANPA within 10 days of the conference call.

NANPA shall submit the petition 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 Where NPA relief is required for a single NPA area and NANPA has determined that only an overlay alternative will meet the guidelines, the Initial Planning Document, relief planning meeting, and industry consensus to recommend an overlay is not required.

NANPA shall draft a relief plan petition 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 two months in advance of a conference call scheduled to review and approve the draft petition. 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 two month timeframe notification may be necessary to allow individual industry members to fully analyze impacts to their respective subscribers and networks in determining the timeframes needed for implementation. Industry members may also need this time to investigate any technical and operations impacts, such as required switch replacements and support system modifications to take into consideration when determining the implementation schedule.

During the conference call, the timeframes for the implementation schedule will be determined to finalize the relief petition. The draft petition will include a recommendation for 10-digit dialing for local<sup>4</sup> and toll to home NPA (HNPA) and 1+10-digit dialing to local and toll foreign NPA (FNPA), or the state's existing overlay dialing plan. The recommended mandatory dialing date should be six months prior to the forecasted exhaust (see Section 5.1). As usual, meeting minutes shall be produced and distributed by NANPA within 10 days of the conference call.

NANPA shall submit the petition 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.

- 5.7 Approval by Appropriate Regulatory Body – When the regulator issues an order for NPA relief, NANPA shall confirm the approved plan meets the criteria for assignment as set forth in this document. If the approved plan meets the criteria, NANPA will assign a new NPA within one week of receipt of the approved plan. If the approved plan does not

<sup>4</sup> As an industry Best Practice, service providers are encouraged to also provide permissive 1+ 10 digit local dialing at their discretion.

meet the criteria for assignment, NANPA will suspend the assignment pending FCC direction.

5.8 Public Statements/Press Releases - Public statements released prior to the first industry NPA relief planning meeting should, to the extent available, contain:

- factual information about the impending exhaust of the NPA
- and that questions concerning the relief effort may be directed to the NANPA

During the relief planning process, public statements are not encouraged. However, some states may require input from the public to the planning process. If questions are directed to the NANPA, or if reaction to a press article is warranted, responses should, to the extent possible, be limited to factual information (as opposed to opinion or preference) concerning relief options being considered and to agreements reached by the industry that are in the public record.

Within two weeks of the NPA assignment NANPA will issue a press release informing the public of this action. NANPA need not issue that press release if the regulatory authority wishes to do so instead. Information that may be incorporated with this notification includes a map indicating new NPA boundaries and new dialing procedures (if any).

5.9 Industry NPA Relief Implementation Meeting - NANPA will host and facilitate an Industry NPA Relief Implementation meeting via conference call following the final acceptance of a relief plan. [NANPA, on their own initiative or using input from Service Providers, has the option to convene a face-to-face meeting if the chosen plan presents unusual implementation factors.] The meeting shall occur no more than 45 days following the assignment of a new NPA. The agenda for the industry implementation meeting should include relevant dates, milestones, customer education, press releases, provision of test numbers, Planning Letter content and subsequent industry communication regarding implementation issues.

5.10 Planning Letter – NANPA shall post a Planning Letter to its website informing the public and the industry of pending NPA relief no more than three weeks after the initial implementation meeting. If regulatory approval of the implementation plan with interval dates is required, the Planning Letter will be published within 10 business days of

regulatory approval. If an additional implementation meeting is required, the Planning Letter will be published within 3 weeks of the additional implementation meeting.

This notice should include a full disclosure of the associated testing period, permissive dialing period, affected NXXs, rate centers, records conversion dates and the beginning date for mandatory dialing of the new NPA (See time line Appendix C). Also included should be a test number for routing verification, the date it will become available and the disconnect date. Other information that may be incorporated with this notification includes a map indicating new NPA boundaries, new dialing procedures (if any) and a NANPA contact name and telephone number. Service providers that are code and/or block holders within the affected NPA should provide to the NANPA their company's NPA Relief Project Coordinator's contact information for inclusion in the company contact section of the Planning Letter.

## **Appendix B**

### **Issues To Be Considered During NPA Relief Planning**

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

#### **Subscribers**

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

#### **Network and Service Providers**

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

#### **Industry Concerns**

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



**Appendix E****General Attributes of the Most Common Relief Alternatives**

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

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

#### **OVERLAY DIALING PLAN MEETING AND IMPLEMENTATION SCHEDULE**

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

\*1+10 digit permissible at each service provider's discretion

<b>EVENT</b>	<b>TIMEFRAME</b>
Network Preparation Period	6 months
Permissive 10-Digit Dialing and Customer Education Period <i>(Calls within existing NPA can be dialed using 7 or 10 digits)</i> Mandatory dialing period begins at the end of the Permissive Dialing Period	6 months
First Code Activation after end of Permissive dialing period <i>(Effective date for codes from the new NPA)</i>	1 month (after Mandatory Dialing Period)
Total Implementation Interval	13 months

#### **GEOGRAPHIC SPLIT DIALING PLAN AND IMPLEMENTATION SCHEDULE**

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

<b>EVENT</b>	<b>TIMEFRAME</b>
Network Preparation Period	6 months
Permissive dialing to the old or new NPA and Customer Education Period <i>(Calls within the home NPA can be dialed using 7 or 10 digits. Calls using the old or new NPA to those changing to the new NPA are acceptable)</i> Mandatory dialing period begins at the end of the Permissive Dialing Period	6 months
Recorded Announcement Period	3 months
First Code Activation <i>(Effective date for codes from the new NPA)</i>	End of Recording Period
Total Implementation Interval	15 months

CALIFORNIA CODES  
PUBLIC **UTILITIES CODE**  
SECTION 7930-7943

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.

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 conduct at least one meeting for representatives of local jurisdictions to inform them of the proposed **area code** relief options, and to afford them the opportunity to discuss the potential impact of the proposed options. Following the local jurisdiction meeting, the coordinator and the commission staff shall conduct at

least three public meetings in the affected geographical **area**. The public meetings are to inform members of the public about the proposed **area code** relief options, and to afford affected customers an opportunity to discuss the potential impact of the proposed **area code** relief options and measures that may be taken to mitigate any potential disruptions. The commission may order additional public meetings to be held at any time.

(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.

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.

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.

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.

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.

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.

7937. (a) On or before March 1, 2000, the commission shall request from each telephone corporation doing business in this state that possesses one or more telephone number prefixes, or a portion thereof, the specific telephone numbers and the quantities within the possession of the provider, both in use and not in use. The commission, for the purpose of this section, shall define the terms "in use" and "not in use." The commission shall determine the reporting requirements for the information provided to the commission

pursuant to Section 7940.

(b) Notwithstanding Section 7550.5 of the Government **Code**, the commission shall use the information obtained pursuant to subdivision (a) and any other information required by the commission, to prepare and submit to the Legislature, on or before, July 1, 2001, a study of telecommunications industry use rates.

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.

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."

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.

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.



**NEW STATE POPULATION REPORT:**  
**CALIFORNIA GREW BY 358,000 RESIDENTS IN 2014**

FOR IMMEDIATE RELEASE:  
May 1, 2015

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**SACRAMENTO**— California's population grew by 0.9 percent in 2014, adding 358,000 residents to total 38,715,000 as of January 1, 2015, according to an annual population report released today by the Department of Finance.

The report shows preliminary January 2015 and revised January 2014 population data for California cities, counties, and the state. Highlights include:

- Growth was more widely distributed among the state's geographical regions, with most cities and counties throughout the state experiencing increases in population.
- San Joaquin County was the fastest growing county in the state (1.5 percent), closely followed by Imperial County and three San Francisco Bay area counties (San Francisco, Alameda, and Contra Costa) each at 1.3 percent.
- The City of Los Angeles, California's largest city, has a population of 3,957,022 growing by almost 43,000 persons during 2014. San Diego, California's second largest city with a population of 1,368,061, added over 20,000 persons during the year. San Jose, California's third largest city, with a population of 1,016,479 added over 14,000 persons.
- The City of Taft in Kern County was the fastest growing city in California, increasing by 6.3 percent. All of the growth in Taft can be attributed to the reopening of a community correctional facility.
- The next four fastest growing cities were Sand City in Monterey County (5.8 percent), Dublin in Alameda County (4.5 percent), Imperial in Imperial County (4.1 percent), and Nevada City in Nevada County (4.1 percent). Sand City, Dublin, and Imperial all added a proportionally large number of residents from recent housing increases. The population growth in Nevada City was mostly due to an increase in county jail population.
- The biggest numeric increases, consistent with their larger population base, occurred in the state's largest cities: Los Angeles (42,663), San Diego (20,107), San Jose (14,205), and San Francisco (10,699).
- Of 482 California cities, 421 had gains in population, 50 had reductions, and 11 experienced no change.
- The city with the largest population decline was Weed in Siskiyou County (-8.8 percent), which was a direct result of housing loss from the Boles fire.

- MORE -



Other highlights include:

California's statewide housing growth, as measured by net unit growth in 2014, was up 17 percent over last year, adding 69,434 housing units compared to 59,426 units in 2013. Ranked by net housing gains, Los Angeles (8,226), San Diego (5,252), San Jose (4,449), San Francisco (3,514), and Irvine (2,399) added the most housing units in 2014.

Continuing recent trends, the state gained more multiple-family housing units (38,462) than single-family homes (30,565) in 2014. In addition, 407 mobile homes were added.

Group quarters, such as college dorms, prisons, and military barracks, comprise only 2 percent of California's population. Last year, group quarters increased by 0.3 percent statewide led by an increase in college dorm populations. Prison declines caused some smaller cities, such as Norco in Riverside County and Tehachapi in Kern County to experience significant proportional population losses in 2014. Other cities, such as Taft, Shafter, and McFarland, all in Kern County, experienced some of the largest proportional population gains in 2014 due to increases in local correctional facilities.

#### Background Information:

These population estimates are produced annually by the Department of Finance for use by local areas to calculate their annual appropriations limit. The State Controller's Office uses Finance's estimates to update their population figures for distribution of state subventions to cities and counties, and to comply with various state codes. Additionally, estimates are used for research and planning purposes by federal, state, and local agencies, the academic community, and the private sector.

Changes to the housing stock are used in the preparation of the annual city population estimates. Estimated occupancy of housing units and the number of persons per household further determine population levels. Changes in city housing stock result from new construction, demolitions, housing unit conversions, and annexations. The sub-county population estimates are then adjusted to be consistent with independently produced county estimates.

Related population reports are available on the Department's website:  
<http://www.dof.ca.gov/research/demographic/>

# # #

Department of Finance  
Demographic Research Unit  
Population Estimates for California Cities

10 Largest Cities

City	Population January 1, 2015	Percent Change 2014-15
1. Los Angeles	3,957,022	1.1
2. San Diego	1,368,061	1.5
3. San Jose	1,016,479	1.4
4. San Francisco	845,602	1.3
5. Fresno	520,159	0.8
6. Sacramento	480,105	0.9
7. Long Beach	472,779	0.5
8. Oakland	410,603	1.2
9. Bakersfield	369,505	1.1
10. Anaheim	351,433	0.9

10 Fastest Growing Cities Based on Percent Change

City	Population January 1, 2015	Percent Change 2014-15
1. Taft	9,456	6.3
2. Sand City	362	5.8
3. Dublin	55,844	4.5
4. Imperial	17,446	4.1
5. Nevada City	3,194	4.1
6. Beaumont	42,481	4.0
7. Milpitas	72,606	3.9
8. Shafter	17,970	3.6
9. Biggs	1,746	3.4
10. Chino	84,465	3.4

10 Cities Under 300,000 with the Largest Numeric Change

City	Population January 1, 2015	Numeric Change 2014-15
1. Irvine	250,384	7,708
2. Santa Clarita	213,231	4,000
3. Glendale	199,182	3,279
4. Chino	84,465	2,795
5. Milpitas	72,606	2,703
6. Oxnard	206,148	2,674
7. Temecula	108,920	2,664
8. Fremont	226,551	2,435
9. Clovis	104,339	2,431
10. Dublin	55,844	2,414

# E-1: City/County/State Population Estimates with Annual Percent Change January 1, 2014 and 2015

JURISDICTION	Total Population		Percent Change	JURISDICTION	Total Population		Percent Change
	1/1/14	1/1/15			1/1/14	1/1/15	
<b>CALIFORNIA</b>	38,357,121	38,714,725	0.9	Danville	43,206	43,691	1.1
<b>Alameda</b>	1,574,497	1,594,569	1.3	El Cerrito	24,115	24,288	0.7
Alameda	75,961	76,638	0.9	Hercules	24,601	24,775	0.7
Albany	18,457	18,565	0.6	Lafayette	24,690	25,154	1.9
Berkeley	117,383	118,780	1.2	Martinez	36,891	37,384	1.3
Dublin	53,430	55,844	4.5	Moraga	16,363	16,466	0.6
Emeryville	10,481	10,570	0.8	Oakley	38,124	38,789	1.7
Fremont	224,116	226,551	1.1	Orinda	18,109	18,612	2.8
Hayward	151,047	152,889	1.2	Pinole	18,813	18,946	0.7
Livermore	84,815	85,990	1.4	Pittsburg	66,479	67,628	1.7
Newark	43,821	44,204	0.9	Pleasant Hill	33,917	34,162	0.7
Oakland	405,703	410,603	1.2	Richmond	106,388	107,346	0.9
Piedmont	11,011	11,113	0.9	San Pablo	29,499	29,730	0.8
Pleasanton	73,028	74,850	2.5	San Ramon	77,410	78,561	1.5
San Leandro	87,661	88,441	0.9	Walnut Creek	66,319	66,868	0.8
Union City	72,109	72,744	0.9	Balance of County	166,594	168,323	1.0
Balance of County	145,474	146,787	0.9	<b>Del Norte</b>	28,051	28,031	-0.1
<b>Alpine</b>	1,122	1,121	-0.1	Crescent City	6,922	6,889	-0.5
<b>Amador</b>	36,143	36,312	0.5	Balance of County	21,129	21,142	0.1
Amador	180	183	1.7	<b>El Dorado</b>	183,287	184,917	0.9
Ione	6,759	6,763	0.1	Placerville	10,607	10,673	0.6
Jackson	4,544	4,586	0.9	South Lake Tahoe	21,555	21,738	0.8
Plymouth	976	967	-0.9	Balance of County	151,125	152,506	0.9
Sutter Creek	2,442	2,457	0.6	<b>Fresno</b>	963,375	972,297	0.9
Balance of County	21,242	21,356	0.5	Clovis	101,908	104,339	2.4
<b>Butte</b>	222,901	224,323	0.6	Coalinga	16,424	16,529	0.6
Biggs	1,688	1,746	3.4	Firebaugh	7,779	7,779	0.0
Chico	88,614	89,634	1.2	Fowler	5,863	5,957	1.6
Gridley	6,759	6,780	0.3	Fresno	516,148	520,159	0.8
Oroville	16,025	16,197	1.1	Huron	6,817	6,817	0.0
Paradise	26,182	26,235	0.2	Kerman	14,289	14,314	0.2
Balance of County	83,633	83,731	0.1	Kingsburg	11,643	11,711	0.6
<b>Calaveras</b>	45,567	45,668	0.2	Mendota	11,185	11,211	0.2
Angels City	3,802	3,811	0.2	Orange Cove	9,374	9,358	-0.2
Balance of County	41,765	41,857	0.2	Parlier	14,964	15,095	0.9
<b>Colusa</b>	21,783	21,715	-0.3	Reedley	25,035	25,488	1.8
Colusa	6,205	6,191	-0.2	Sanger	24,820	25,128	1.2
Williams	5,392	5,316	-1.4	San Joaquin	4,041	4,041	0.0
Balance of County	10,186	10,208	0.2	Selma	23,893	23,912	0.1
<b>Contra Costa</b>	1,089,219	1,102,871	1.3	Balance of County	169,192	170,459	0.7
Antioch	106,691	108,298	1.5	<b>Glenn</b>	28,694	28,728	0.1
Brentwood	54,824	56,493	3.0	Orland	7,777	7,814	0.5
Clayton	11,209	11,288	0.7	Willows	6,226	6,206	-0.3
Concord	124,977	126,069	0.9	Balance of County	14,691	14,708	0.1

# E-1: City/County/State Population Estimates with Annual Percent Change January 1, 2014 and 2015

JURISDICTION	Total Population		Percent Change	JURISDICTION	Total Population		Percent Change
	1/1/14	1/1/15			1/1/14	1/1/15	
<b>Humboldt</b>	134,790	134,398	-0.3	<b>Lassen</b>	32,367	32,092	-0.8
Arcata	17,842	17,898	0.3	Susanville	15,752	15,509	-1.5
Blue Lake	1,263	1,260	-0.2	Balance of County	16,615	16,583	-0.2
Eureka	27,052	26,946	-0.4				
Ferndale	1,370	1,369	-0.1	<b>Los Angeles</b>	10,054,852	10,136,559	0.8
Fortuna	11,994	12,032	0.3	Agoura Hills	20,635	20,767	0.6
Rio Dell	3,378	3,372	-0.2	Alhambra	84,736	85,545	1.0
Trinidad	364	363	-0.3	Arcadia	57,526	57,761	0.4
Balance of County	71,527	71,158	-0.5	Artesia	16,781	16,849	0.4
				Avalon	3,822	3,840	0.5
<b>Imperial</b>	180,998	183,429	1.3	Azusa	48,405	49,425	2.1
Brawley	25,967	26,273	1.2	Baldwin Park	76,749	77,047	0.4
Calexico	40,653	41,033	0.9	Bell	35,987	36,135	0.4
Calipatria	7,533	7,466	-0.9	Bellflower	77,777	78,106	0.4
El Centro	44,366	44,847	1.1	Bell Gardens	42,685	42,875	0.4
Holtville	6,178	6,246	1.1	Beverly Hills	34,693	34,833	0.4
Imperial	16,762	17,446	4.1	Bradbury	1,082	1,087	0.5
Westmorland	2,311	2,333	1.0	Burbank	105,595	106,084	0.5
Balance of County	37,228	37,785	1.5	Calabasas	23,953	24,212	1.1
				Carson	92,677	93,148	0.5
<b>Inyo</b>	18,614	18,574	-0.2	Cerritos	49,761	49,968	0.4
Bishop	3,879	3,881	0.1	Claremont	35,932	36,282	1.0
Balance of County	14,735	14,693	-0.3	Commerce	13,010	13,060	0.4
				Compton	98,126	98,506	0.4
<b>Kern</b>	868,610	874,264	0.7	Covina	48,640	48,876	0.5
Arvin	20,092	20,113	0.1	Cudahy	24,152	24,270	0.5
Bakersfield	365,504	369,505	1.1	Culver City	39,597	39,773	0.4
California City	13,196	13,165	-0.2	Diamond Bar	56,426	56,668	0.4
Delano	52,301	52,222	-0.2	Downey	113,417	113,900	0.4
Maricopa	1,172	1,169	-0.3	Duarte	21,677	21,839	0.7
McFarland	13,661	14,037	2.8	El Monte	115,118	115,774	0.6
Ridgecrest	28,451	28,419	-0.1	El Segundo	16,903	17,000	0.6
Shafter	17,346	17,970	3.6	Gardena	60,110	60,414	0.5
Taft	8,899	9,456	6.3	Glendale	195,903	199,182	1.7
Tehachapi	13,286	13,028	-1.9	Glendora	51,313	51,463	0.3
Wasco	26,019	26,130	0.4	Hawaiian Gardens	14,462	14,545	0.6
Balance of County	308,683	309,050	0.1	Hawthorne	86,685	87,657	1.1
				Hermosa Beach	19,758	19,772	0.1
<b>Kings</b>	149,942	149,721	-0.1	Hidden Hills	1,902	1,901	-0.1
Avenal	13,212	13,159	-0.4	Huntington Park	59,058	59,312	0.4
Corcoran	22,479	22,084	-1.8	Industry	439	440	0.2
Hanford	55,234	55,804	1.0	Inglewood	111,847	112,333	0.4
Lemoore	25,225	25,325	0.4	Irwindale	1,467	1,473	0.4
Balance of County	33,792	33,349	-1.3	La Canada Flintridge	20,544	20,592	0.2
				La Habra Heights	5,422	5,439	0.3
<b>Lake</b>	64,759	64,918	0.2	Lakewood	81,261	81,601	0.4
Clearlake	15,036	14,977	-0.4	La Mirada	49,198	49,521	0.7
Lakeport	4,728	4,699	-0.6	Lancaster	159,956	160,784	0.5
Balance of County	44,995	45,242	0.5	La Puente	40,496	40,690	0.5
				La Verne	32,241	33,042	2.5
				Lawndale	33,242	33,403	0.5

# **E-1: City/County/State Population Estimates with Annual Percent Change January 1, 2014 and 2015**

JURISDICTION	Total Population 1/1/14	1/1/15	Percent Change	JURISDICTION	Total Population 1/1/14	1/1/15	Percent Change
Lomita	20,640	20,733	0.5	<b>Marin</b>	257,153	258,972	0.7
Long Beach	470,609	472,779	0.5	Belvedere	2,106	2,121	0.7
Los Angeles	3,914,359	3,957,022	1.1	Corte Madera	9,432	9,491	0.6
Lynwood	71,012	71,381	0.5	Fairfax	7,581	7,634	0.7
Malibu	12,871	12,935	0.5	Larkspur	12,167	12,347	1.5
Manhattan Beach	35,633	35,763	0.4	Mill Valley	14,333	14,439	0.7
Maywood	27,769	27,884	0.4	Novato	53,241	53,575	0.6
Monrovia	37,179	37,406	0.6	Ross	2,475	2,493	0.7
Montebello	63,555	64,104	0.9	San Anselmo	12,583	12,670	0.7
Monterey Park	61,805	62,063	0.4	San Rafael	58,863	59,214	0.6
Norwalk	106,679	107,166	0.5	Sausalito	7,214	7,300	1.2
Palmdale	155,734	157,009	0.8	Tiburon	9,139	9,200	0.7
Palos Verdes Estates	13,670	13,730	0.4	Balance of County	68,019	68,488	0.7
Paramount	55,076	55,302	0.4	<b>Mariposa</b>	17,843	17,791	-0.3
Pasadena	140,949	141,510	0.4	<b>Mendocino</b>	88,615	88,863	0.3
Pico Rivera	63,902	64,182	0.4	Fort Bragg	7,295	7,343	0.7
Pomona	151,785	152,419	0.4	Point Arena	450	450	0.0
Rancho Palos Verdes	42,377	42,564	0.4	Ukiah	16,072	16,073	0.0
Redondo Beach	67,749	68,095	0.5	Willits	4,899	4,902	0.1
Rolling Hills	1,896	1,904	0.4	Balance of County	59,899	60,095	0.3
Rolling Hills Estates	8,189	8,223	0.4	<b>Merced</b>	264,567	266,134	0.6
Rosemead	54,786	55,017	0.4	Atwater	28,905	29,023	0.4
San Dimas	34,086	34,713	1.8	Dos Palos	5,013	5,023	0.2
San Fernando	24,232	24,558	1.3	Gustine	5,606	5,618	0.2
San Gabriel	40,332	40,517	0.5	Livingston	13,696	13,735	0.3
San Marino	13,347	13,414	0.5	Los Banos	37,003	37,145	0.4
Santa Clarita	209,231	213,231	1.9	Merced	81,176	81,722	0.7
Santa Fe Springs	17,356	17,627	1.6	Balance of County	93,168	93,868	0.8
Santa Monica	92,229	93,283	1.1	<b>Modoc</b>	9,481	9,399	-0.9
Sierra Madre	11,098	11,133	0.3	Alturas	2,753	2,723	-1.1
Signal Hill	11,415	11,585	1.5	Balance of County	6,728	6,676	-0.8
South El Monte	20,435	20,841	2.0	<b>Mono</b>	14,625	14,695	0.5
South Gate	96,101	96,547	0.5	Mammoth Lakes	8,375	8,410	0.4
South Pasadena	26,022	26,174	0.6	Balance of County	6,250	6,285	0.6
Temple City	36,152	36,275	0.3	<b>Monterey</b>	424,774	425,413	0.2
Torrance	147,782	148,427	0.4	Carmel-by-the-Sea	3,747	3,747	0.0
Vernon	122	123	0.8	Del Rey Oaks	1,661	1,660	-0.1
Walnut	30,124	30,257	0.4	Gonzales	8,363	8,357	-0.1
West Covina	107,879	108,401	0.5	Greenfield	16,879	16,870	-0.1
West Hollywood	35,090	35,825	2.1	King City	13,179	13,417	1.8
Westlake Village	8,389	8,423	0.4	Marina	20,222	20,872	3.2
Whittier	86,577	86,948	0.4	Monterey	28,319	28,163	-0.6
Balance of County	1,047,463	1,051,872	0.4	Pacific Grove	15,394	15,388	0.0
<b>Madera</b>	154,354	155,878	1.0	Salinas	154,815	154,720	-0.1
Chowchilla	18,894	18,542	-1.9	Sand City	342	362	5.8
Madera	63,008	63,961	1.5				
Balance of County	72,452	73,375	1.3				

# **E-1: City/County/State Population Estimates with Annual Percent Change January 1, 2014 and 2015**

<b>JURISDICTION</b>	<b>Total Population</b>		<b>Percent Change</b>	<b>JURISDICTION</b>	<b>Total Population</b>		<b>Percent Change</b>
	<b>1/1/14</b>	<b>1/1/15</b>			<b>1/1/14</b>	<b>1/1/15</b>	
Seaside	33,456	33,672	0.6	Westminster	91,637	92,106	0.5
Soledad	24,959	24,540	-1.7	Yorba Linda	67,055	67,719	1.0
Balance of County	103,438	103,645	0.2	Balance of County	121,458	124,014	2.1
<b>Napa</b>	139,074	140,362	0.9	<b>Placer</b>	366,678	369,454	0.8
American Canyon	19,989	20,149	0.8	Auburn	13,817	13,818	0.0
Calistoga	5,220	5,261	0.8	Colfax	2,000	1,994	-0.3
Napa	78,242	78,971	0.9	Lincoln	45,259	45,837	1.3
St Helena	5,941	6,065	2.1	Loomis	6,617	6,623	0.1
Yountville	3,017	3,017	0.0	Rocklin	59,746	60,252	0.8
Balance of County	26,665	26,899	0.9	Roseville	127,153	128,382	1.0
<b>Nevada</b>	97,823	98,193	0.4	Balance of County	112,086	112,548	0.4
Grass Valley	12,869	12,925	0.4	<b>Plumas</b>	19,682	19,560	-0.6
Nevada City	3,069	3,194	4.1	Portola	2,038	2,020	-0.9
Truckee	16,087	16,211	0.8	Balance of County	17,644	17,540	-0.6
Balance of County	65,798	65,863	0.1	<b>Riverside</b>	2,280,191	2,308,441	1.2
<b>Orange</b>	3,114,209	3,147,655	1.1	Banning	30,306	30,491	0.6
Aliso Viejo	49,939	50,204	0.5	Beaumont	40,853	42,481	4.0
Anaheim	348,369	351,433	0.9	Blythe	18,982	18,909	-0.4
Brea	42,389	43,328	2.2	Calimesa	8,225	8,353	1.6
Buena Park	82,330	82,767	0.5	Canyon Lake	10,817	10,901	0.8
Costa Mesa	111,835	113,455	1.4	Cathedral City	52,571	52,903	0.6
Cypress	48,874	49,184	0.6	Coachella	43,601	43,917	0.7
Dana Point	34,031	34,208	0.5	Corona	159,109	160,287	0.7
Fountain Valley	56,690	57,021	0.6	Desert Hot Springs	27,986	28,134	0.5
Fullerton	140,120	141,042	0.7	Eastvale	59,151	60,633	2.5
Garden Grove	173,935	174,774	0.5	Hemet	81,520	82,253	0.9
Huntington Beach	196,009	198,389	1.2	Indian Wells	5,133	5,194	1.2
Irvine	242,676	250,384	3.2	Indio	82,375	84,201	2.2
Laguna Beach	23,219	23,355	0.6	Jurupa Valley	97,738	98,885	1.2
Laguna Hills	30,848	30,994	0.5	Lake Elsinore	56,688	58,426	3.1
Laguna Niguel	64,449	64,836	0.6	La Quinta	39,023	39,694	1.7
Laguna Woods	16,575	16,652	0.5	Menifee	83,686	85,385	2.0
La Habra	61,705	62,079	0.6	Moreno Valley	199,257	200,670	0.7
Lake Forest	79,125	80,070	1.2	Murrieta	106,393	107,279	0.8
La Palma	15,890	15,965	0.5	Norco	26,566	25,891	-2.5
Los Alamitos	11,725	11,779	0.5	Palm Desert	50,424	51,053	1.2
Mission Viejo	95,320	96,652	1.4	Palm Springs	46,135	46,611	1.0
Newport Beach	86,870	87,249	0.4	Perris	72,063	72,908	1.2
Orange	139,268	140,094	0.6	Rancho Mirage	17,739	17,889	0.8
Placentia	52,084	52,427	0.7	Riverside	314,221	317,307	1.0
Rancho Santa Margarita	48,823	49,125	0.6	San Jacinto	45,537	45,895	0.8
San Clemente	64,865	65,399	0.8	Temecula	106,256	108,920	2.5
San Juan Capistrano	35,891	36,223	0.9	Wildomar	33,696	34,148	1.3
Santa Ana	332,386	335,264	0.9	Balance of County	364,140	368,823	1.3
Seal Beach	24,586	24,684	0.4	<b>Sacramento</b>	1,456,230	1,470,912	1.0
Stanton	38,954	39,219	0.7	Citrus Heights	84,550	85,147	0.7
Tustin	78,347	79,601	1.6	Elk Grove	160,723	162,899	1.4
Villa Park	5,932	5,960	0.5				

# **E-1: City/County/State Population Estimates with Annual Percent Change January 1, 2014 and 2015**

JURISDICTION	Total Population		Percent Change	JURISDICTION	Total Population		Percent Change
	1/1/14	1/1/15			1/1/14	1/1/15	
Folsom	74,014	74,909	1.2	Oceanside	170,791	171,682	0.5
Galt	24,285	24,607	1.3	Poway	48,847	49,041	0.4
Isleton	814	820	0.7	San Diego	1,347,954	1,368,061	1.5
Rancho Cordova	67,841	69,112	1.9	San Marcos	89,946	90,827	1.0
Sacramento	475,871	480,105	0.9	Santee	55,658	55,805	0.3
Balance of County	568,132	573,313	0.9	Solana Beach	13,059	13,104	0.3
<b>San Benito</b>	57,909	58,344	0.8	Vista	95,877	96,413	0.6
Hollister	36,927	37,305	1.0	Balance of County	498,159	504,330	1.2
San Juan Bautista	1,917	1,930	0.7	<b>San Francisco</b>	834,903	845,602	1.3
Balance of County	19,065	19,109	0.2	<b>San Joaquin</b>	708,678	719,511	1.5
<b>San Bernardino</b>	2,084,151	2,104,291	1.0	Escalon	7,306	7,413	1.5
Adelanto	32,476	33,084	1.9	Lathrop	19,786	20,353	2.9
Apple Valley	70,687	71,396	1.0	Lodi	63,496	63,719	0.4
Barstow	23,265	23,407	0.6	Manteca	72,701	73,787	1.5
Big Bear Lake	5,115	5,165	1.0	Ripon	14,822	14,922	0.7
Chino	81,670	84,465	3.4	Stockton	299,878	306,999	2.4
Chino Hills	76,055	77,596	2.0	Tracy	84,937	85,296	0.4
Colton	53,002	53,384	0.7	Balance of County	145,752	147,022	0.9
Fontana	202,013	204,312	1.1	<b>San Luis Obispo</b>	272,955	274,293	0.5
Grand Terrace	12,272	12,352	0.7	Arroyo Grande	17,295	17,428	0.8
Hesperia	91,417	92,177	0.8	Atascadero	28,636	29,169	1.9
Highland	53,975	54,332	0.7	El Paso de Robles	30,423	30,522	0.3
Loma Linda	23,589	23,751	0.7	Grover Beach	13,119	13,144	0.2
Montclair	37,332	38,458	3.0	Morro Bay	10,254	10,284	0.3
Needles	4,904	4,940	0.7	Pismo Beach	7,688	7,711	0.3
Ontario	167,240	168,777	0.9	San Luis Obispo	45,484	45,802	0.7
Rancho Cucamonga	172,168	174,064	1.1	Balance of County	120,056	120,233	0.1
Redlands	69,814	70,398	0.8	<b>San Mateo</b>	745,635	753,123	1.0
Rialto	101,329	102,092	0.8	Atherton	6,921	6,935	0.2
San Bernardino	212,584	213,933	0.6	Belmont	26,573	26,748	0.7
Twentynine Palms	26,550	25,846	-2.7	Brisbane	4,434	4,541	2.4
Upland	75,074	75,787	0.9	Burlingame	29,700	29,890	0.6
Victorville	120,485	121,168	0.6	Colma	1,471	1,480	0.6
Yucaipa	52,598	52,942	0.7	Daly City	105,141	105,810	0.6
Yucca Valley	21,030	21,355	1.5	East Palo Alto	28,949	29,137	0.6
Balance of County	297,507	299,110	0.5	Foster City	32,187	32,390	0.6
<b>San Diego</b>	3,192,457	3,227,496	1.1	Half Moon Bay	11,727	12,051	2.8
Carlsbad	109,900	110,653	0.7	Hillsborough	11,266	11,420	1.4
Chula Vista	255,580	257,989	0.9	Menlo Park	32,913	33,273	1.1
Coronado	23,369	23,497	0.5	Millbrae	22,617	22,898	1.2
Del Mar	4,221	4,238	0.4	Pacifica	38,315	38,551	0.6
El Cajon	101,003	101,444	0.4	Portola Valley	4,483	4,527	1.0
Encinitas	61,042	61,518	0.8	Redwood City	80,818	81,838	1.3
Escondido	146,742	147,294	0.4	San Bruno	43,247	44,409	2.7
Imperial Beach	26,603	26,761	0.6	San Carlos	29,238	29,449	0.7
La Mesa	58,615	58,813	0.3	San Mateo	100,170	101,429	1.3
Lemon Grove	25,856	26,199	1.3	South San Francisco	65,749	66,193	0.7
National City	59,235	59,827	1.0				

# **E-1: City/County/State Population Estimates with Annual Percent Change January 1, 2014 and 2015**

JURISDICTION	Total Population		Percent Change	JURISDICTION	Total Population		Percent Change
	1/1/14	1/1/15			1/1/14	1/1/15	
Woodside	5,500	5,539	0.7	<b>Siskiyou</b>	45,311	45,119	-0.4
Balance of County	64,216	64,615	0.6	Dorris	939	939	0.0
<b>Santa Barbara</b>	434,510	437,643	0.7	Dunsmuir	1,647	1,647	0.0
Buellton	4,911	4,931	0.4	Etna	739	741	0.3
Carpinteria	13,487	13,547	0.4	Fort Jones	716	716	0.0
Goleta	30,298	30,765	1.5	Montague	1,443	1,438	-0.3
Guadalupe	7,171	7,205	0.5	Mount Shasta	3,398	3,394	-0.1
Lompoc	43,439	43,479	0.1	Tulelake	1,013	1,013	0.0
Santa Barbara	90,612	91,088	0.5	Weed	2,961	2,699	-8.8
Santa Maria	101,383	102,087	0.7	Yreka	7,854	7,849	-0.1
Solvang	5,381	5,489	2.0	Balance of County	24,601	24,683	0.3
Balance of County	137,828	139,052	0.9	<b>Solano</b>	425,169	429,552	1.0
<b>Santa Clara</b>	1,868,038	1,889,638	1.2	Benicia	27,495	27,689	0.7
Campbell	41,871	41,857	0.0	Dixon	19,029	19,158	0.7
Cupertino	59,777	59,756	0.0	Fairfield	110,283	111,891	1.5
Gilroy	52,264	53,000	1.4	Rio Vista	7,946	8,193	3.1
Los Altos	29,884	30,036	0.5	Suisun City	28,589	28,888	1.0
Los Altos Hills	8,330	8,341	0.1	Vacaville	93,815	94,702	0.9
Los Gatos	30,443	30,505	0.2	Vallejo	118,797	119,683	0.7
Milpitas	69,903	72,606	3.9	Balance of County	19,215	19,348	0.7
Monte Sereno	3,439	3,451	0.3	<b>Sonoma</b>	492,320	496,253	0.8
Morgan Hill	41,079	41,779	1.7	Cloverdale	8,656	8,708	0.6
Mountain View	76,582	77,914	1.7	Cotati	7,302	7,346	0.6
Palo Alto	66,682	66,932	0.4	Healdsburg	11,564	11,687	1.1
San Jose	1,002,274	1,016,479	1.4	Petaluma	59,154	59,540	0.7
Santa Clara	120,942	120,973	0.0	Rohnert Park	40,819	41,077	0.6
Saratoga	30,798	30,799	0.0	Santa Rosa	170,974	173,071	1.2
Sunnyvale	146,724	148,028	0.9	Sebastopol	7,454	7,507	0.7
Balance of County	87,046	87,182	0.2	Sonoma	10,821	10,933	1.0
<b>Santa Cruz</b>	269,322	271,646	0.9	Windsor	27,161	27,335	0.6
Capitola	10,004	10,052	0.5	Balance of County	148,415	149,049	0.4
Santa Cruz	62,860	63,789	1.5	<b>Stanislaus</b>	528,157	532,297	0.8
Scotts Valley	11,800	11,928	1.1	Ceres	46,596	46,989	0.8
Watsonville	51,874	52,087	0.4	Hughson	7,137	7,222	1.2
Balance of County	132,784	133,790	0.8	Modesto	207,878	209,186	0.6
<b>Shasta</b>	178,742	178,673	0.0	Newman	10,695	10,753	0.5
Anderson	10,277	10,269	-0.1	Oakdale	21,499	21,773	1.3
Redding	90,950	91,110	0.2	Patterson	20,979	21,094	0.5
Shasta Lake	10,044	10,020	-0.2	Riverbank	23,305	23,485	0.8
Balance of County	67,471	67,274	-0.3	Turlock	70,362	71,043	1.0
<b>Sierra</b>	3,125	3,105	-0.6	Waterford	8,639	8,686	0.5
Loyalton	738	733	-0.7	Balance of County	111,067	112,066	0.9
Balance of County	2,387	2,372	-0.6	<b>Sutter</b>	95,739	95,948	0.2
				Live Oak	8,527	8,546	0.2
				Yuba City	65,557	66,363	1.2
				Balance of County	21,655	21,039	-2.8



**E-1: City/County/State Population Estimates with Annual Percent Change  
January 1, 2014 and 2015**

<b>JURISDICTION</b>	<b>Total Population</b>		<b>Percent Change</b>	<b>JURISDICTION</b>	<b>Total Population</b>		<b>Percent Change</b>
	<b>1/1/14</b>	<b>1/1/15</b>			<b>1/1/14</b>	<b>1/1/15</b>	
<b>Tehama</b>	64,209	64,323	0.2	<b>Yuba</b>	73,690	74,076	0.5
Corning	7,656	7,638	-0.2	Marysville	12,078	12,051	-0.2
Red Bluff	14,238	14,260	0.2	Wheatland	3,419	3,437	0.5
Tehama	420	420	0.0	Balance of County	58,193	58,588	0.7
Balance of County	41,895	42,005	0.3				
<b>Trinity</b>	13,623	13,571	-0.4				
<b>Tulare</b>	458,827	462,189	0.7				
Dinuba	23,601	23,966	1.5				
Exeter	10,506	10,572	0.6				
Farmersville	10,901	10,908	0.1				
Lindsay	12,615	12,678	0.5				
Porterville	55,573	55,852	0.5				
Tulare	61,725	62,363	1.0				
Visalia	129,481	130,753	1.0				
Woodlake	7,687	7,702	0.2				
Balance of County	146,738	147,395	0.4				
<b>Tuolumne</b>	54,150	54,337	0.3				
Sonora	4,839	4,879	0.8				
Balance of County	49,311	49,458	0.3				
<b>Ventura</b>	842,385	848,073	0.7				
Camarillo	66,715	67,154	0.7				
Fillmore	15,333	15,441	0.7				
Moorpark	35,158	35,727	1.6				
Ojai	7,593	7,612	0.3				
Oxnard	203,474	206,148	1.3				
Port Hueneme	22,389	22,768	1.7				
San Buenaventura	108,881	109,338	0.4				
Santa Paula	30,435	30,556	0.4				
Simi Valley	126,215	126,483	0.2				
Thousand Oaks	128,942	129,349	0.3				
Balance of County	97,250	97,497	0.3				
<b>Yolo</b>	208,246	209,393	0.6				
Davis	66,802	66,757	-0.1				
West Sacramento	50,908	51,272	0.7				
Winters	6,970	6,954	-0.2				
Woodland	57,307	57,525	0.4				
Balance of County	26,259	26,885	2.4				

**Planning Document**  
**For**  
**Relief of California 619 NPA**  
**January 20, 2016**

North American Numbering Plan Administration

Joseph R. Cocke  
Sr. NPA Relief Planner

## 619 NPA Background Information

### General Facts:

California became the 31<sup>st</sup> state on September 9, 1850. It has a population of over 38 million people and encompasses 155,959 square miles. Bordering states are: Arizona and Nevada to the east, Oregon to the north, with the Pacific Ocean to the west and Mexico to the south. The state flower is the California Poppy, the state mineral is gold, the state animal is the California Grizzly Bear and the state bird is the California Quail. California's 32<sup>nd</sup> area code went into service March 21, 2015.

The 619 NPA was created in 1982 from a split off the original 714 NPA. In 1997 the 760 NPA was split off the 619 NPA. In 1999 the 858 NPA was split off the 619 NPA. Today the 619 NPA principally serves the southern portion of the City of San Diego and the adjacent cities of Chula Vista, Coronado, El Cajon, Imperial Beach, La Mesa, Lemon Grove, National City, Santee and unincorporated areas of San Diego County. The 858 NPA serves the northern portion of the City of San Diego along with the adjacent cities of Del Mar, Poway, Solana Beach and a small portion of the City of Encinitas as well as an unincorporated area of San Diego County. There are eleven rate centers in the 619 NPA of which six serve the City of San Diego. The 858 NPA has eight rate centers and all serve the City of San Diego. Also, a small portion of the City of San Diego and other cities in northern San Diego County are served by the 760/442 NPA overlay complex, which requires 1 plus ten-digit dialing. The October 26, 2015 NRUF forecasts the 619 NPA to exhaust in 1Q2019 and the 858 NPA projected life is beyond thirty years.

The area served by the 619 NPA is largely made up of the City of San Diego, the state's 2<sup>nd</sup> most populated city of over 1.3 million people, as well as neighboring cities and unincorporated portions of San Diego County. This NPA has a mix of metropolitan city, suburban cities with residential, commercial and light industrial areas with varied growth. Additionally, the area code is home to hospitals, colleges and universities, museums, cultural and entertainment centers. Points of interest include the San Diego Navy Base, the Port of San Diego, San Diego Zoo and Sea World. Also notable are the San Diego International Airport, many vacation attractions of fishing and boating in the Pacific Ocean. The 619 NPA is bordered on the north by the 858 NPA, to the east by the 760/442 NPA overlay complex, to the west by the Pacific Ocean, and to the south by Mexico.

### Relief Planning Background and Assumptions:

The 619 NPA has 11 rate centers of which all are in mandatory Thousand-Block-Number Pooling, which started October 27, 2001. The 619 NPA is in LATA 732. This NPA is not in rationing. The October 26, 2015 NRUF Exhaust Forecast for the 619 NPA is 1Q2019 with a demand rate of 29 codes per year. Because there is a heavy concentration of assigned NXX codes in a few rate centers, NANPA has determined that only an overlay relief alternative will meet the INC guidelines.

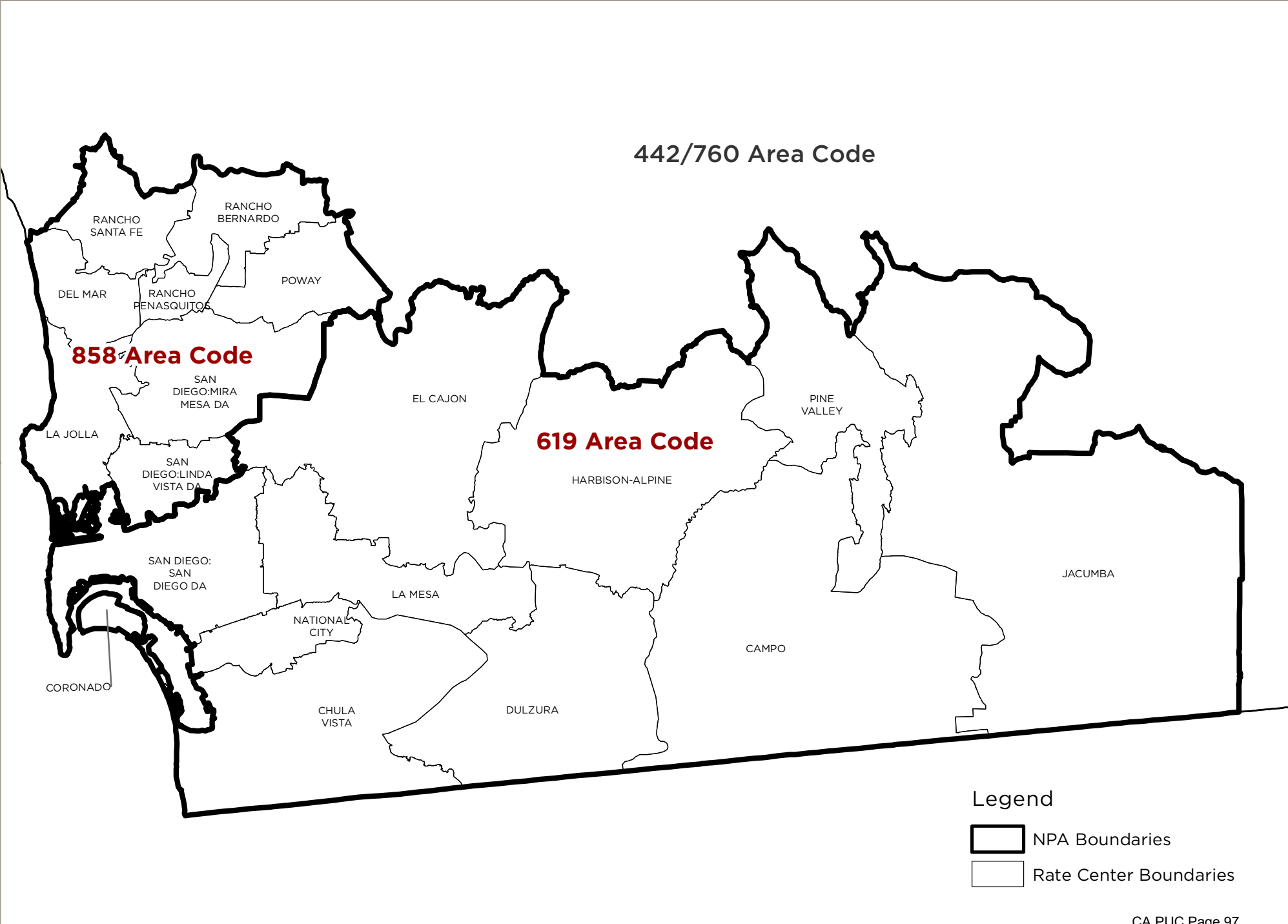
### CO Code Summary:

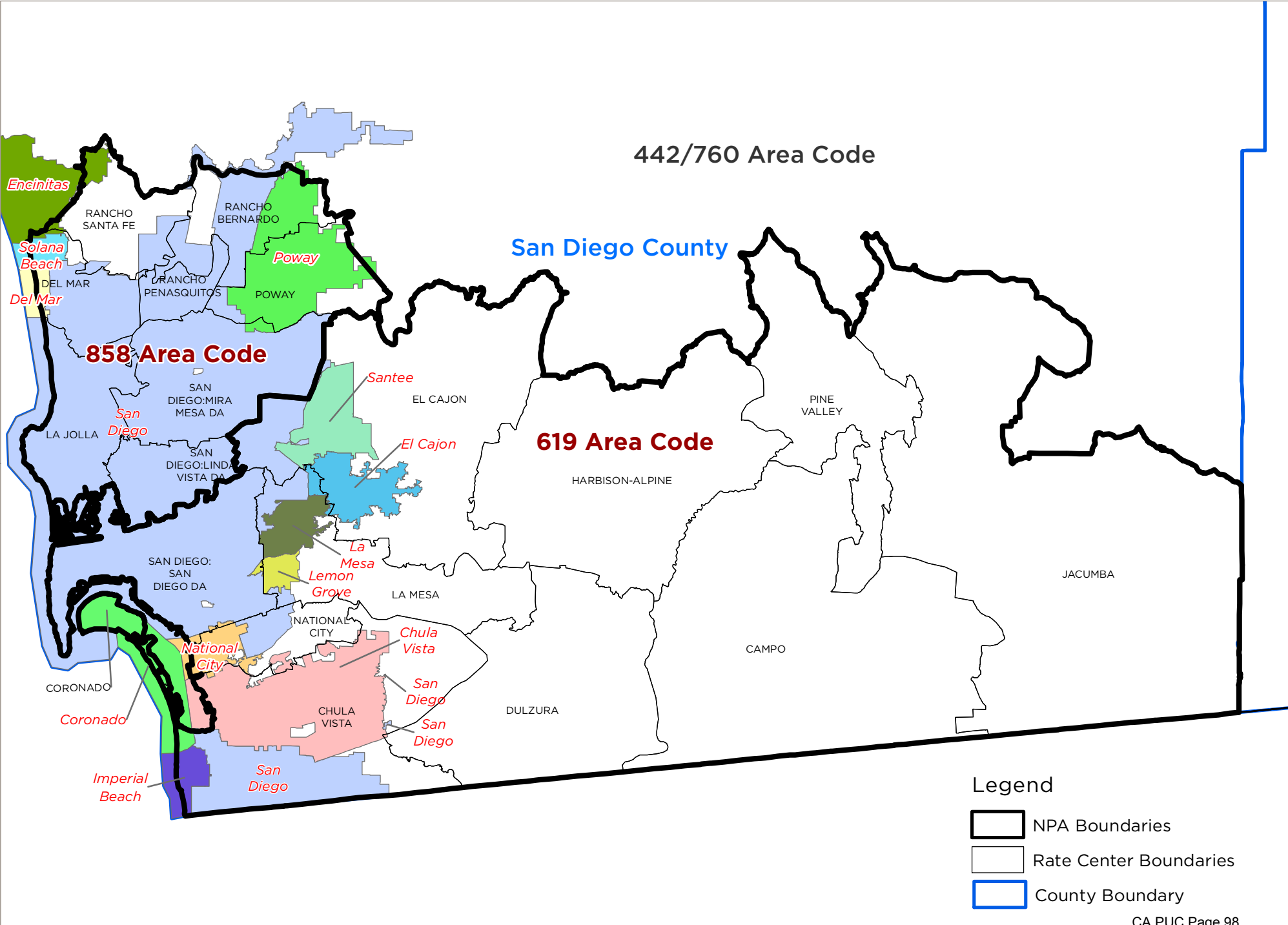
As of January 8, 2016, the 619 NPA has 693 codes assigned, 91 codes available for assignment and 16 Un-Assignable codes: N11s, 555, 570, 619, 700, 935, 950, 958 and 959. There is a total of 46 service provider OCNs; 45 are code and block holders and 1 that is only a block holder. Remaining from the 619-858 NPA split, are two grandfathered CO Codes from the 619 NPA rated in the 858 NPA La Jolla and Poway rate centers.

### CURRENT DIALING PLAN:

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







California  
NPA 619 and 858 NXX Summary  
Data as of 1/8/16

<u>NPA</u>	<u>619</u>	<u>858</u>				
Assigned NXXs	693	406				
Protected NXXs	0	0				
Reserved NXXs	0	0				
Unavailable NXXs	16	32				
Available NXXs	91	362				
Total	800	800				
<b><u>Codes Assignment History</u></b>						
2010	17	3				
2011	6	5				
2012	13	6				
2013	9	6				
2014	30	13				
2015	32	8				
2016*	1	0				
* As of 1-8-16						
<b>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</b>						

<b>POOLING STATISTICS</b>	
<i>Provided By: Cecilia McCabe</i>	
ST/NPA:	CA 619
MEETING DATE:	1/20/2016
MEETING SUBJECT:	
<i>Relief Planning</i>	X
<i>Jeopardy</i>	
<i>Jeopardy Status Review</i>	
<i>UA NXXs</i>	
<i>Other</i>	
POOL START DATE (PSD)	10/27/2001
RATE CENTERS	
<i># Total</i>	11
<i># Mandatory</i>	11
<i># Mandatory-Single Service Providers (M*)</i>	0
<i># Optional</i>	0
<i># Excluded</i>	0
BLOCKS ASSIGNED	
<i># Total</i>	325
<i>(For time period 01/01/15- 12/10/15)</i>	
BLOCKS AVAILABLE	
<i>#Total</i>	60
<i>(As of preparation date: 12/10/15)</i>	
CODES ASSIGNED	
<i># Total</i>	32
<i># for Pool Replenishment</i>	30
<i># for Dedicated Customers</i>	1
<i># for LRNs</i>	1
<i>(For time period 01/01/15- 12/10/15)</i>	
CODES FORECASTED	
<i># Total</i>	16
<i># for Pool Replenishment and Dedicated Customers</i>	16
<i># for LRNs</i>	0
<i>(For the next twelve months as of 12/10/15)</i>	



<b>POOLING STATISTICS</b>	
<i>Provided By: Cecilia McCabe</i>	
ST/NPA:	CA 858
MEETING DATE:	1/20/2016
MEETING SUBJECT:	
<i>Relief Planning</i>	X
<i>Jeopardy</i>	
<i>Jeopardy Status Review</i>	
<i>UA NXXs</i>	
<i>Other</i>	
POOL START DATE (PSD)	12/29/2001
RATE CENTERS	
<i># Total</i>	8
<i># Mandatory</i>	8
<i># Mandatory-Single Service Providers (M*)</i>	0
<i># Optional</i>	0
<i># Excluded</i>	0
BLOCKS ASSIGNED	
<i># Total</i>	142
<i>(For time period 01/01/15- 12/10/15)</i>	
BLOCKS AVAILABLE	
<i>#Total</i>	129
<i>(As of preparation date: 12/10/15)</i>	
CODES ASSIGNED	
<i># Total</i>	8
<i># for Pool Replenishment</i>	8
<i># for Dedicated Customers</i>	0
<i># for LRNs</i>	0
<i>(For time period 01/01/15- 12/10/15)</i>	
CODES FORECASTED	
<i># Total</i>	6
<i># for Pool Replenishment and Dedicated Customers</i>	6
<i># for LRNs</i>	0
<i>(For the next twelve months as of 12/10/15)</i>	

**STATE: CALIFORNIA****NPA: 619****OCN DATA DATE: January 8, 2016**

OCN Name	OCN	Codes
33 WIRELESS INC.	6967	2
AMERICAN MESSAGING SERVICES, LLC	9748	13
AMERICAN MESSAGING SERVICES, LLC	6906	2
AT&T LOCAL	7421	2
BANDWIDTH.COM CLEC, LLC - CA	981E	16
BROADVOX-CLEC, LLC - CA	916D	2
CBeyond COMMUNICATIONS, LLC - CA	206C	1
CELLCO PARTNERSHIP DBA VERIZON WIRELESS - CA	6006	67
CENTURYLINK COMMUNICATIONS LLC	7575	3
CF COMMUNICATIONS, LLC DBA TELEKENEX - CA	8886	6
CITRIX COMMUNICATIONS LLC - CA	033H	1
COX CALIFORNIA TELCOM, L.L.C. - CA	7661	29
CURATEL, LLC - CA	993B	1
DMR COMMUNICATIONS INC. - CA	478A	1
GLOBAL CROSSING LOCAL SERVICES, INC.-CA	8690	7
LEVEL 3 COMMUNICATIONS, LLC - CA	8826	15
MCI WORLDCOM COMMUNICATIONS, INC., CA	7240	14
METRO PCS, INC.	5562	4
MPOWER COMMUNICATIONS CORP - CA	8322	12
MPOWER NETWORKS SERVICES INC. - CA	748D	1
NEUTRAL TANDEM-CALIFORNIA, LLC - CA	649C	2
NEW CINGULAR WIRELESS PCS, LLC	6010	86
NORTH COUNTY COMMUNICATIONS CORP. - CA	7894	6
O1 COMMUNICATIONS, INC. - CA	4129	11
ONVOY, LLC - CA	668G	4
PACIFIC BELL	9740	189
PACIFIC CENTREX SERVICES, INC. - CA	3662	1
PAETEC COMMUNICATIONS, INC. - CA	4733	2
PEERLESS NETWORK OF CALIFORNIA, LLC - CA	373F	4
RCLEC, INC. - CA	886G	1
SBC INTERNET SERVICES, INC.	516C	2
SPRINT SPECTRUM L.P.	6664	56
TELCENTRIS COMMUNICATIONS, LLC - CA	339F	8
TELEPORT COMMUNICATIONS AMERICA, LLC - CA	7147	8
TELSCAPE COMMUNICATIONS, INC. - CA	2595	3
T-MOBILE USA, INC.	6529	24
TNCI-OP-CO - CA	7379	18
TW TELECOM OF CALIFORNIA LP - CA	7718	8
U.S. TELEPACIFIC CORP. - CA	7453	10
USA MOBILITY WIRELESS, INC.	6630	26
UTILITY TELEPHONE, INC. - CA	9262	1
VAYA TELECOM, INC. - CA	432F	1

WIDE VOICE, LLC - CA	252F	1
XO CALIFORNIA, INC.	7262	18
YMAX COMMUNICATIONS CORP. - CA	258E	2

CA 619 NPA – No CO Code - only Block Holder Table

<u>Company</u>	<u>OCN</u>
<u>365 Wireless</u>	551G

**STATE: CALIFORNIA****NPA: 858****OCN DATA DATE: January 8, 2016**

OCN Name	OCN	Codes
AMERICAN MESSAGING SERVICES, LLC	9748	5
AMERICAN MESSAGING SERVICES, LLC	6906	2
AT&T LOCAL	7421	5
BANDWIDTH.COM CLEC, LLC - CA	981E	1
BROADVOX-CLEC, LLC - CA	916D	2
CBeyond COMMUNICATIONS, LLC - CA	206C	1
CELLCO PARTNERSHIP DBA VERIZON WIRELESS - CA	6006	25
CF COMMUNICATIONS, LLC DBA TELEKENEX - CA	8886	5
COX CALIFORNIA TELCOM, L.L.C. - CA	7661	9
GLOBAL CROSSING LOCAL SERVICES, INC.-CA	8690	7
LEVEL 3 COMMUNICATIONS, LLC - CA	8826	7
MCI WORLDCOM COMMUNICATIONS, INC., CA	7240	14
MPOWER COMMUNICATIONS CORP - CA	8322	13
NETWORK SERVICES LLC (TSR)	6483	1
NEUTRAL TANDEM-CALIFORNIA, LLC - CA	649C	1
NEW CINGULAR WIRELESS PCS, LLC	6010	23
NORTH COUNTY COMMUNICATIONS CORP. - CA	7894	6
O1 COMMUNICATIONS, INC. - CA	4129	8
ONVOY, LLC - CA	668G	1
PACIFIC BELL	9740	149
PAETEC COMMUNICATIONS, INC. - CA	4733	6
PEERLESS NETWORK OF CALIFORNIA, LLC - CA	373F	1
SBC INTERNET SERVICES, INC.	516C	2
SPRINT SPECTRUM L.P.	6664	15
TELCENTRIS COMMUNICATIONS, LLC - CA	339F	4
TELEPORT COMMUNICATIONS AMERICA, LLC - CA	7147	13
TIME WARNER CBL INFO SVCS (CA) DBA TIME WARNER CAB	576C	2
T-MOBILE USA, INC.	6529	15
TNCI-OP-CO - CA	7379	10
TW TELECOM OF CALIFORNIA LP - CA	7718	20
U.S. TELEPACIFIC CORP. - CA	7453	9
USA MOBILITY WIRELESS, INC.	6630	2
VAYA TELECOM, INC. - CA	432F	1
XO CALIFORNIA, INC.	7262	19
YMAX COMMUNICATIONS CORP. - CA	258E	2

CA 858 NPA – No CO Code - only Block Holder Table

<u>Company</u>	<u>OCN</u>
CenturyLink	7575
Metro PCS	5562
Pacific Centrex	3662
Telscape Comm.	2595
Utility Telephone	9262

**STATE: CALIFORNIA**

**NPA: 619**

**RATE CENTER DATA DATE: January 8, 2016**

Rate Center Name	Codes
CAMPO	6
CHULAVISTA	111
CORONADO	21
DULZURA	7
EL CAJON	77
HARBSNALPN	7
JACUMBA	6
LA JOLLA*	1
LA MESA	51
NATIONALCY	35
PINEVALLEY	6
POWAY*	1
SNDG SNDG	362

\*Grandfathered Codes

**STATE: CALIFORNIA**

**NPA: 858**

**RATE CENTER DATA DATE: January 8, 2016**

Rate Center Name	Codes
DEL MAR	36
LA JOLLA	134
POWAY	40
RNCHOBRRNDO	39
RNCHOPNQTS	20
RNCHOSANFE	13
SNDG LVTA	67
SNDG MRMS	57



# 619 NPA - RELIEF

## CALIFORNIA

Numbering Plan Area Born on Date: January 1, 1982

### NPA RELIEF PLANING TOOL ASSUMPTIONS

NRUF DATE.....October 26, 2015  
PROJECTED EXHAUST DATE.....1Q2019  
ANNUALIZED CODE DEMAND PROJECTION.....29  
MONTHLY CO CODE DEMAND PROJECTION.....2.41  
NXX Assignment data .....January 8, 2016

### NPA RELIEF ALTERNATIVES

#### **NPA BOUNDARY ELIMINATION OVERLAY-ALTERNATIVE # 1**

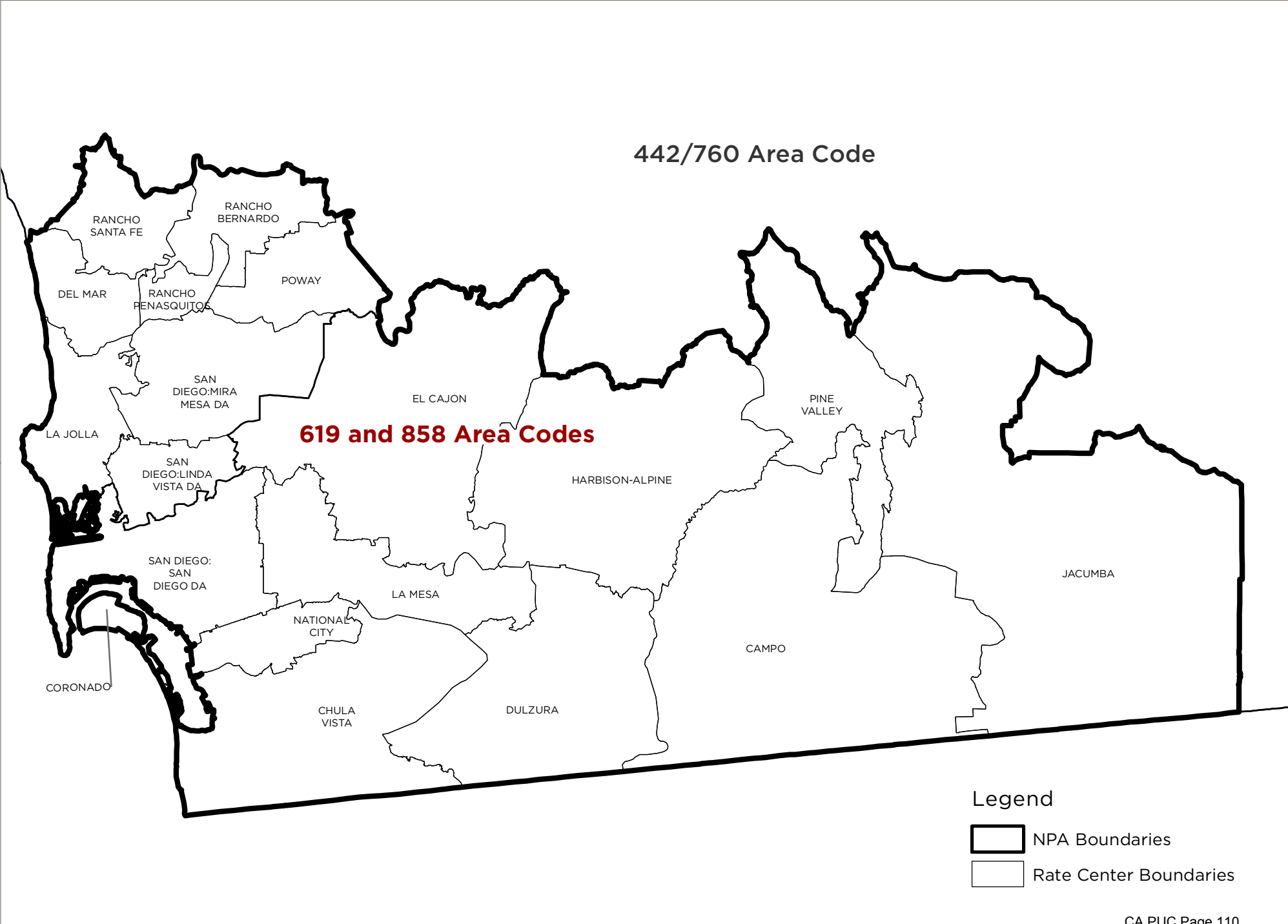
The boundary between the existing 858 and 619 NPA codes would be eliminated and the 858 and 619 NPAs would be assigned to the same geographic areas occupied by the existing 858 and 619 NPAs. The 858 NPA and 619 NPA customers would retain their current telephone numbers; however, 1 plus ten-digit dialing for all calls by all customers within and between the 858 and 619 NPAs in the affected area would be required. Available central office codes in the 858 overlay NPA will be assigned upon request in the 619 area with the effective date of the new area code boundary and available 619 NPA central office codes could be assigned upon request in the 858 NPA area. At exhaust of the 619 NPA all future NXX code assignments will be made from the 858 overlay area code supply of central office codes. There are eight rate centers in the 858 NPA with a forecasted exhaust of more than 30 years; eliminating the boundary to include the 619 NPA area would result in a projected life of approximately 17 years before additional relief would be required. Since an overlay is required for the southern portion of the City of San Diego, not only would this conserve the supply of NPAs, it would bring consistent dialing to the City of San Diego and to the entire County of San Diego.

#### **OVERLAY-ALTERNATIVE # 2**

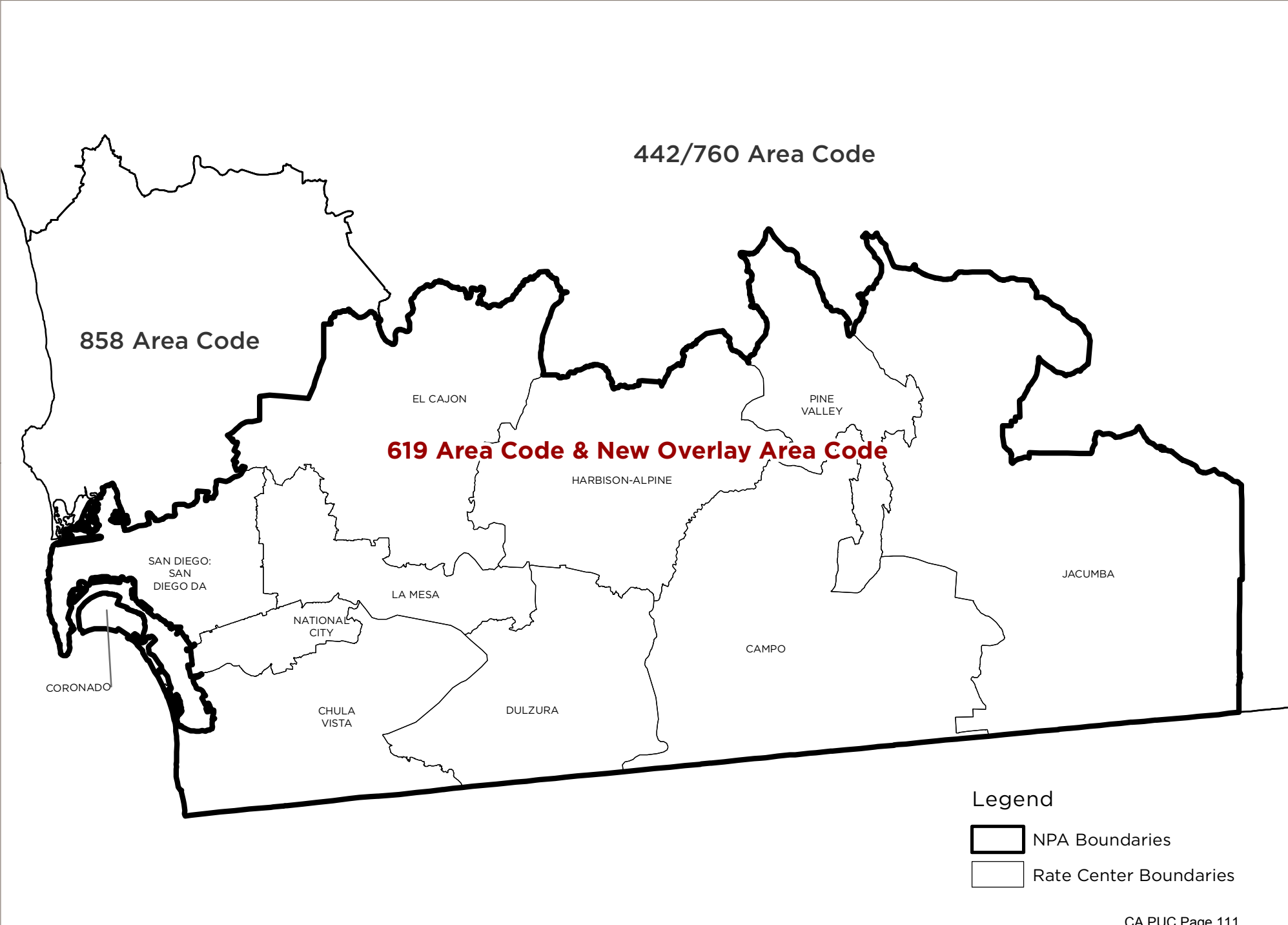
A new NPA code would be assigned to the same geographic area occupied by the existing eleven rate centers of the 619 NPA. Customers would retain their current telephone numbers; however, 1 plus ten-digit dialing by all customers within and between NPAs in the affected area would be required. Codes in the overlay NPA will be assigned upon request with the effective date of the new area code. At exhaust of the 619 NPA all future code assignments will be made in the overlay area code. The projected life of this alternative is approximately 27 years. An overlay over the 619 NPA would require 1+10-digit dialing for the southern portion of the City of San Diego, adjacent cities and the unincorporated areas of San Diego County.

**Alternatives #1 and #2 meet the requirements set forth in the INC NPA Code Relief Planning and Notification Guidelines.**

ALTERNATIVE # 1 - RATE CENTER MAP OF BOUNDARY ELIMINATION  
OVERLAY OF THE 619 AND 858 AREA CODES



CALIFORNIA 619 AREA CODE RATE CENTER MAP  
ALTERNATIVE # 2 - OVERLAY



# EXHIBIT C

February 10, 2016

To: All 619 and 858 NPA Code Holders and Other Industry Members (California)

Subject: Final Minutes of 619 NPA Relief Planning Meeting

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Attached are the final minutes from the January 20, 2016, CA 619 NPA relief planning meeting.

Please feel free to contact me on 571-434-5690 or via email at the address below.

Sincerely,

Joseph R. Cocke  
Senior NPA Relief Planner  
NANPA  
e-mail: [joe.cocke@neustar.biz](mailto:joe.cocke@neustar.biz)

CC: Joanne Leung – CA PUC Staff

**CALIFORNIA – 619 NPA  
INITIAL RELIEF PLANNING MEETING  
VIA CONFERENCE CALL  
FINAL MINUTES  
January 20, 2016**

**WELCOME, INTRODUCTIONS & AGENDA REVIEW**

Joe Cocke, Senior NPA Relief Planner–NANPA, welcomed the participants and reviewed the objective of the meeting. A list of attendees can be found in Attachment #1. Joe then reviewed the agenda and NANPA’s roles and responsibilities.

**NANPA’s ROLE AND RESPONSIBILITIES**

Joe 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 NPA.
- Distribute the Planning Document (PD) at least four weeks prior to the Relief Meeting – initially posted on NNS December 16, 2015, updated PD posted on January 12, 2016.
- Review the proposed relief alternatives presented in the PD
- Then, the main objective is achieved by reaching consensus on the relief recommendations to the California Public Utilities Commission.
- Include any additional items in the filing with the PUC such as dialing plan and implementation intervals, and comply with any state specific requirements such as local jurisdiction and public meetings.
- Then NANPA is charged with the responsibility of filing a relief petition, on behalf of the industry, with the regulatory authority. Once the industry comes to consensus on what should be included in the filing, NANPA will file the legal document within six weeks of today’s meeting per the INC guidelines or as decided by the industry or as required by the state statute.

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

Joe stated that the ATIS (Alliance for Telecommunications Industry Solutions) approved industry consensus process would be followed. He reviewed the consensus process and explained how consensus is determined. In addition, Joe 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.

Joe referred the participants to the three relief planning meeting aids included in the PD document: the Excerpts from the INC NPA Code Relief Planning Guidelines, and the Implementation Interval and Dialing Plan charts. These meeting aids will assist the participants in their decision making and to make a recommendation for relief.

The NPA Code Relief Planning, as well as other relevant NPA assignment and relief guidelines, may be downloaded from the ATIS web site at: ([www.atis.org](http://www.atis.org)).

## **NPA STATUS**

Joe informed participants that the October 26, 2015 Number Resource Utilization Forecast (“NRUF”) projects the 619 NPA to exhaust during the 1<sup>st</sup> Quarter 2019. The monthly CO Code demand projection is 2.41 codes/month (29 codes per year).

Joe provided a read-out of the updated monthly CO Code Assignment Activity for the California 619 NPA (Attachment #2). He reported as of January 19, 2016 there were 91 NXX codes available for assignment, 693 assigned NXX codes, and 16 unavailable NXX codes which are as follows: Eight N11s, and the other standard UAs, 555, 570, 619, 700, 935, 958 and 959. There are 45 service provider OCNs that are CO code holders and one that is only a block holder. Remaining from the 619-858 NPA split, there are two grandfathered CO Codes from the 619 NPA rated in the La Jolla and Poway rate centers. Joe provided the annual code assignment history as follows: in 2012 there were thirteen codes assigned, in 2013 there were nine codes assigned, in 2014 thirty were assigned, thirty-two assigned in 2015 and YTD there has been one code assigned. The 619 is in the 726 LATA.

Joe also reported for the 858 NPA, as of January 19, 2016 there are 376 NXX codes available, 406 assigned codes and 18 unavailable codes. There are 35 OCNs as code and block holders and five only block holders. He also mentioned the 858 NPA has eight rate centers and has had a relatively low code demand with an average of 8 codes since 2011 and has a forecasted life beyond thirty years.

## **NUMBER POOLING INFORMATION**

Cecilia McCabe, Neustar – Number Pooling Implementation Manager, reported that in the 619 NPA pooling commenced on October 27, 2001, there are 11 rate centers (RCs), all 11 RCs are mandatory pooling. In the period of January 1, 2015 to January 19, 2016, 372 blocks have been assigned in the 619 NPA, and as of 1/19/16 there are 50 blocks available for assignment to service providers. Pooling has assigned 33 codes in the same period, 31 for pool replenishment, 1 for dedicated customers and 1 for LRNs. The forecasted need for the next twelve months is 12 codes for pool replenishment and dedicated customers and none for LRNs. (Attachment #3)

Cecilia also reported that in the 858 NPA pooling commenced on December 29, 2001, there are 8 rate centers (RCs), all 8 RCs are mandatory pooling. In the period of January 1, 2015 to January 19, 2016, 157 blocks have been assigned in the 858 NPA, and as of 1/19/16 there are 114 blocks available for assignment to service providers. Pooling has assigned 8 codes in the same period, 8 for pool replenishment, 0 for dedicated customers and 0 for LRNs. The forecasted need for the next twelve months is 7 codes for pool replenishment and dedicated customers and none for LRNs. (Attachment #4)

## **PREVIOUS RELIEF PLANNING EFFORTS**

Joe mentioned that previous relief planning for the 619 NPA had resulted in the CPUC ordering a two-phased three-way split (see PL-128). The first phase was the 619-858 split in 1999. The second phase split was to open the 935 NPA but this decision was suspended by the Commission (PL-230) and ultimately made moot and dismissed by the CPUC under the closure of the local competition docket (PL-421). The 935 NPA has been kept reserved in case it is needed for relief of the 619 NPA.

## **REVIEW PLANNING DOCUMENT (IPD) FOR THE 619 NPA**

Joe reviewed the updated Planning Document (PD) distributed on January 12, 2015.

### **General Facts - CALIFORNIA:**

California became the 31<sup>st</sup> state on September 9, 1850. It has a population of over 38 million people and encompasses 155,959 square miles. Bordering states are: Arizona and Nevada to the east, Oregon to the north, with the Pacific Ocean to the west and Mexico to the south. The state flower is the California Poppy, the state mineral is gold, the state animal is the California Grizzly Bear and the state bird is the California Quail. California's 32<sup>nd</sup> area code (628 NPA) went into service March 21, 2015.

The 619 NPA was created in 1982 from a split off the original 714 NPA. In 1997 the 760 NPA was split off the 619 NPA. In 1999 the 858 NPA was split off the 619 NPA. Today the 619 NPA principally serves the southern portion of the City of San Diego and the adjacent cities of Chula Vista, Coronado, El Cajon, Imperial Beach, La Mesa, Lemon Grove, National City, Santee and unincorporated areas of San Diego County. The 858 NPA serves the northern portion of the City of San Diego along with the adjacent cities of Del Mar, Poway, Solana Beach and a small portion of the City of Encinitas as well as an unincorporated area of San Diego County. There are eleven rate centers in the 619 NPA of which six serve the City of San Diego. The 858 NPA has eight rate centers and all serve the City of San Diego. Also, a small portion of the City of San Diego and other cities in northern San Diego County are served by the 760/442 NPA overlay complex, which requires 1 plus ten-digit dialing. The October 26, 2015 NRUF forecasts the 619 NPA to exhaust in 1Q2019 and the 858 NPA projected life is beyond thirty years.

The area served by the 619 NPA is largely made up of the City of San Diego, the state's 2<sup>nd</sup> most populated city of over 1.3 million people, as well as neighboring cities and unincorporated portions of San Diego County. This NPA has a mix of metropolitan city, suburban cities with residential, commercial and light industrial areas with varied growth. Additionally, the area code is home to hospitals, colleges and universities, museums, cultural and entertainment centers. Points of interest include the San Diego Navy Base, the Port of San Diego, San Diego Zoo and Sea World. Also notable are the San Diego International Airport, many vacation attractions of fishing and boating in the Pacific Ocean. The 619 NPA is bordered on the north by the 858 NPA, to the east by the 760/442 NPA overlay complex, to the west by the Pacific Ocean, and to the south by Mexico.



Joe then briefly reviewed Appendix E to the NPA Code Relief Planning Guidelines which provides the General Attributes of Common Relief Alternatives. Joe provided an overview of the 619 area code in general describing the geography and assisting the industry in familiarizing itself with the area. He referenced the population data provided in the planning document. He also described the rate area and city maps that have been prepared for reference. Joe explained the shape of the 619 NPA in relation to the adjacent NPAs in the southern portion of the state. The following maps and related documents were then reviewed:

2015 State Census data by city and county

Map showing location of all NPAs in California

NPA 619 & 858 Rate Center Map of the rate centers

NPA 619 & 858 map of Rate Centers, County & Cities

619 & 858 NPA Code Holder and Block Holder Tables

619 & 858 Rate Center Tables

### **RELIEF RECOMMENDATION**

Because there is a heavy concentration of assigned NXX codes in a few rate centers, NANPA has determined that only an overlay relief alternative will meet the INC guidelines.

In Section 5.6.2 of the guidelines - where NPA relief is required for a single NPA area and NANPA has determined that only an overlay alternative will meet the guidelines, the Initial Planning Document, relief planning meeting, and industry consensus to recommend an overlay is not required and NANPA shall draft a relief plan petition requesting approval of the overlay and recommending an implementation schedule including network preparation, customer education, and a permissive dialing period. Joe mentioned that since there are two possible overlay alternatives, consensus will be needed for a recommendation.

However, due to the complexities of NPA relief applications submitted before the California Public Utilities Commission (CPUC), NANPA will prepare the relief application for industry review and approval after the required local jurisdiction and public meetings have concluded. These meetings will be scheduled by the CPUC.

The guidelines mention that during the conference call, the timeframes for the implementation schedule will be determined to finalize the relief petition. The draft petition will include a recommendation for the state's existing overlay dialing plan. The recommended mandatory dialing date should be six months prior to the forecasted exhaust (see Section 5.1) which is 3Q2018.

### **EXPLANATIONS OF RECOMMENDED RELIEF PREPARED BY NANPA**

Then Joe reviewed the following recommended relief alternatives and the associated maps in the Planning Document:

<b>RECOMMENDED RELIEF - OVERLAY</b>
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### **ALTERNATIVE #1 – NPA BOUNDARY ELIMINATION OVERLAY**

The boundary between the existing 619 and 858 NPA codes would be eliminated and the 619 and 858 NPAs would be assigned to the same geographic areas occupied by the existing 619 and 858 NPAs. The 619 NPA and 858 NPA customers would retain their current telephone numbers; however, 1 plus ten-digit dialing for all calls by all customers within and between the 619 and 858 NPAs in the affected area would be required. Central office codes in the 858 overlay NPA will be assigned upon request in the 619 area with the effective date of the new area code boundary and 619 NPA central office codes would be assigned upon request in the 858 NPA area. There are eight rate centers in the 858 NPA with a forecasted exhaust of more than 30 years; eliminating the boundary to include the 619 NPA area would result in a projected life of approximately 17 years before additional relief would be required. The inclusion of the 619 and 858 area codes in an overlay would bring uniform dialing to San Diego City and County since the county and a small portion of the city are already in the 760/442 NPA overlay complex which already has 1+10-digit dialing. Additionally, this would conserve the supply of NPAs and avoid the need to introduce a new area code to San Diego at this time.

Area Code Life in Years = 17

### **ALTERNATIVE #2 – ALL SERVICES OVERLAY**

A new area code would be assigned to the same geographic areas occupied by the existing 619 NPA. The 619 NPA customers would retain their current telephone numbers; however, 1 plus ten-digit dialing for all calls by all customers within and between the 619 NPA and the new NPA in the affected area would be required. Central office codes in the new overlay NPA will be assigned upon request in the 619 area with the effective date of the new area code. At exhaust of the 619 NPA all future NXX code assignments will be made from the new overlay area code. The all services overlay would result in a projected life of approximately 27 years before additional relief would be required.

Area Code Life in Years = 27

### **DIALING PLAN**

The following represents the current uniform dialing plan for overlays in California:

#### **Overlay Dialing Plan for Alternatives # 1 or # 2:**

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	HNPA or FNPA	0+10-digits (0+NPA-NXX-XXXX)

## IDENTIFY THE PROS AND CONS OF ALTERNATIVES # 1 AND # 2

The industry members discussed the Pros and Cons of the two overlay options. Alternative # 1 would provide a uniform dialing pattern for the entire San Diego County, as well as the City of San Diego. There are already other cities in the county that are using 1+10-digit dialing (760-442 NPA overlay). The two grandfathered 619 NXX codes would be considered candidates for one-thousand block pooling in their respective rate centers. Alternative # 1 would require more customers to change to 1+10-d dialing and require those 858 NPA customers to change dialing. Alternative # 1 would avoid opening up a new NPA for San Diego at this time.

Alternative # 2 may be simpler for just the 619 NPA customers, but would still leave a portion of the City of San Diego and San Diego County in the 858 NPA with inconsistent dialing from the rest of the city and county. Alternative # 2 would require opening up a new area code for San Diego.

## REACH CONSENSUS ON RECOMMENDED OVERLAY

After discussion of the Pros and Cons a suggestion was made and consensus reached to recommend Alternative # 1 – the boundary elimination overlay as the industry’s recommendation to the CPUC for the 619 NPA relief.

## ESTABLISH IMPLEMENTATION SCHEDULE

Joe noted that the start of mandatory dialing should avoid major holiday periods such as Thanksgiving, Christmas and New Year’s. Interval dates, start of permissive dialing and mandatory dialing, will occur during non-business hours, usually early Saturday mornings.

## IMPLEMENTATION ISSUES

Joe mentioned the INC guidelines state that NANPA should recommend mandatory dialing start 6-months prior to the forecasted exhaust, which would be in 3Q2018.

A recommendation was made and consensus reached to recommend to the Commission a 13-month schedule for implementation of the overlay without specific interval dates and to allow the industry to select the interval dates once an order is issued. The recommended schedule is as follows:

Interval Timeframes and Dates for Alternative # 1 – Boundary Elimination Overlay:

EVENT	PERIOD	DATE
Total Implementation Period	13 Months	-
Start Network Preparation and Customer Education	6 Months	TBD
Permissive 7-digit and 1+10-digit Dialing Period (Calls within 619 and 858 NPAs can be dialed using 7-digits or 1+10 digits) and Continued Customer Education	6 Months	TBD
NPA overlay and First Code Activation after end of Permissive dialing period. (Effective date for codes from the 858 & 619 NPAs in both areas)	1 Month	TBD

## CUSTOMER EDUCATION PLAN

Joe inquired if the participants desired to make a statement regarding customer education. A statement for the record developed by AT&T, Verizon, Sprint and T-Mobile was submitted for consensus agreement and the industry reached consensus on the following statement for the record to address customer education to be reflected in the application filing with the CPUC:

*The industry has successfully educated the public in more than 30 other overlay implementations within the United States over the last 10 years, including 6 overlays already implemented in California. Based on that experience and the effective education model that the industry has developed over the years in other states, the industry has concluded that an ordered and funded Public Education Plan (PEP) in California is no longer necessary. The industry will work together as a committee to develop joint customer education materials and methods, and individual carriers will continue to be ultimately responsible for educating their own customers. The industry intends to fully educate and prepare the public regarding the dialing change by utilizing carrier notices, "special letters" to alarm associations, PSAPs and other customers that need to reprogram equipment, and press releases. Carriers may use other methods to educate customers as they deem fit, including social media. The CPUC can also sponsor TV and Radio Public Service Announcements if it so chooses.*

Joe mentioned this statement may be modified after the LJ & Public meetings are conducted and the industry reviews the draft relief application.

## STATEMENTS FOR THE RECORD

There were no additional statements for the record.

## STATE STATUTE REQUIREMENTS:

Joe mentioned the PU Code (section 7931) has the state statutes of 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 conduct at least one local jurisdiction meeting and at least three public meetings within the area needing a new area code to inform them of the proposed area code relief options;

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

Joe will notify the CPUC in writing before the end of March 2016, (per PU Code 7931 - NANPA shall notify the commission at least 30 months prior to the projected opening of the new area code), and will post an NNS notice to the industry with a copy of his letter to the CPUC. Additionally, per PU Code 7931 all service providers are to notify all affected customers within three months of the letter the need to establish a new area code.

The CPUC staff will develop a customer notice to be used by all service providers so the

same message will be sent to all customers. The text of the message must be received by the service providers in June 2016. Joe will send out a separate NNS notice when the PUC staff's text is ready.

The staff will be working to secure locations for the Local Jurisdiction and Public Meetings to be conducted by December 2016, (per PU Code 7931, conduct the meeting within nine months of the letter). Once the meeting schedule is known, NANPA will send an NNS notice advising the industry members so they can inform their customers of the meetings. Joe will be assisting the staff on preparing a local jurisdictions mailing list for the CPUC to send invitations to the meetings.

#### **NANPA FILING INDUSTRY EFFORTS WITH COMMISSION**

NANPA will prepare a draft of the petition that will be filed with the California Public Utilities Commission informing them of the outcome of this relief meeting. The INC guidelines reflect the relief petition is to be filed with the regulator within 6 weeks of the initial relief planning meeting unless otherwise decided by the industry. However, due to the state statutes, NANPA will file the relief petition after the local jurisdiction and public meetings have concluded. The draft filing will be reviewed by the industry on the conference call that will be held to review the results of the public meetings. CPUC Staff will provide NANPA a summary of the LJ and public meetings.

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

Consensus was reached that the draft minutes resulting from this meeting will be distributed to the industry no later than February 3, 2016 and the draft commission filing distributed to the industry after the completion of the local jurisdiction and public meetings next year. Consensus was also reached that there was no need to conduct a conference call to approve these minutes and that any changes or corrections to these minutes are to be sent to Joe no later than February 10, 2016 after which they become final.

NANPA will conduct a conference call to review the results of the public meetings and approve the draft filing to the California Public Utilities Commission after the public meetings occur in 2016. NANPA will send out a notice at a later date for that conference call.

Adjourned

###

These minutes became final with no changes on February 10, 2016.

<b>NAME</b>	<b>COMPANY</b>
George Guerra	AT&T
Ignacio de la Torre	AT&T
Barbara Croft	AT&T
Mary Ann Palmisano	AT&T
Micki Burton	AT&T
Jerome Candelaria	CCTA
Margaret Cox	CenturyLink
Rita Schmitz	CenturyLink
Anthony Brown	Cox
Sandra Jones	Cox
Joanne Leung	CPUC
Fe Lazaro	CPUC
Joe Cocke	NANPA Relief Planning
Wayne Milby	NANPA Relief Planning
Beth Sprague	NANPA
Cecilia McCabe	Neustar Pooling Implementation
Linda Hymans	Neustar Pooling
Karen Riepenkroger	Sprint
Shaunna Forshee	Sprint
Paula Jordan Campagnoli	T-Mobile
Kyevea Keith	T-Mobile
Esperanza Creighton	T-Mobile (Metro PCS)
Calvin Ellison	Telcentris
John Cummings	Time Warner Cable
Laura Dalton	Verizon
Yun Lee	Verizon
Asia Powell	Verizon
Dana Crandall	Verizon Wireless

California  
NPA 619 and 858 NXX Summary  
Data as of 1/19/16

Attachment 2

<u>NPA</u>	<u>619</u>	<u>858</u>				
Assigned NXXs	693	406				
Protected NXXs	0	0				
Reserved NXXs	0	0				
Unavailable NXXs	16	18				
Available NXXs	91	376				
Total	800	800				
<b><u>Codes Assignment History</u></b>						
2010	17	3				
2011	6	5				
2012	13	6				
2013	9	6				
2014	30	13				
2015	32	8				
2016*	1	0				
* As of 1-19-16						
<b>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</b>						

<b>POOLING STATISTICS</b>	
<i>Provided By: Cecilia McCabe</i>	
ST/NPA:	CA 619
MEETING DATE:	1/20/2016
MEETING SUBJECT:	
<i>Relief Planning</i>	X
<i>Jeopardy</i>	
<i>Jeopardy Status Review</i>	
<i>UA NXXs</i>	
<i>Other</i>	
POOL START DATE (PSD)	10/27/2001
RATE CENTERS	
<i># Total</i>	11
<i># Mandatory</i>	11
<i># Mandatory-Single Service Providers (M*)</i>	0
<i># Optional</i>	0
<i># Excluded</i>	0
BLOCKS ASSIGNED	
<i># Total</i>	372
<i>(For time period 01/01/15- 01/19/16)</i>	
BLOCKS AVAILABLE	
<i>#Total</i>	50
<i>(As of preparation date: 01/19/16)</i>	
CODES ASSIGNED	
<i># Total</i>	33
<i># for Pool Replenishment</i>	31
<i># for Dedicated Customers</i>	1
<i># for LRNs</i>	1
<i>(For time period 01/01/15- 01/19/16)</i>	
CODES FORECASTED	
<i># Total</i>	12
<i># for Pool Replenishment and Dedicated Customers</i>	12
<i># for LRNs</i>	0
<i>(For the next twelve months as of 01/19/16)</i>	



<b>POOLING STATISTICS</b>	
<i>Provided By: Cecilia McCabe</i>	
ST/NPA:	CA 858
MEETING DATE:	1/20/2016
MEETING SUBJECT:	
<i>Relief Planning</i>	X
<i>Jeopardy</i>	
<i>Jeopardy Status Review</i>	
<i>UA NXXs</i>	
<i>Other</i>	
POOL START DATE (PSD)	12/29/2001
RATE CENTERS	
<i># Total</i>	8
<i># Mandatory</i>	8
<i># Mandatory-Single Service Providers (M*)</i>	0
<i># Optional</i>	0
<i># Excluded</i>	0
BLOCKS ASSIGNED	
<i># Total</i>	157
<i>(For time period 01/01/15- 01/19/16)</i>	
BLOCKS AVAILABLE	
<i>#Total</i>	114
<i>(As of preparation date: 01/19/16)</i>	
CODES ASSIGNED	
<i># Total</i>	8
<i># for Pool Replenishment</i>	8
<i># for Dedicated Customers</i>	0
<i># for LRNs</i>	0
<i>(For time period 01/01/15- 01/19/16)</i>	
CODES FORECASTED	
<i># Total</i>	7
<i># for Pool Replenishment and Dedicated Customers</i>	7
<i># for LRNs</i>	0
<i>(For the next twelve months as of 01/19/16)</i>	

# EXHIBIT D

March 30, 2016

To: All 619 NPA Code Holders and Other Industry Members (California)

Subject: NANPA Letter to CPUC on Need of 619 NPA Relief Planning

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Attached is a letter from NANPA to the California Public Utilities Commission (CPUC) informing them of the need to introduce a new area code in the 619 NPA during the 3Q2018. The letter is pursuant to California PU Code Section 7931.

Local jurisdiction and public meetings in both the 619 and 858 area codes will take place by December 2016. The CPUC staff will provide an approved text for customer notices in the near future.

Please feel free to contact me on 571-434-5690 or via email at the address below.

Sincerely,

Joseph R. Cocke  
Senior NPA Relief Planner  
NANPA  
e-mail: [joe.cocke@neustar.biz](mailto:joe.cocke@neustar.biz)

CC: Joanne Leung – CPUC Staff

March 30, 2016

Timothy J. Sullivan – Executive Director  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102

Dear Mr. Sullivan,

Subject: 619 Area Code

Neustar, Inc., the North American Numbering Plan Administrator (NANPA), is the neutral third party NPA (area code) relief planner for California under the North American Numbering Plan. Pursuant to CA PU Code, Section 7931, NANPA, as the area code relief coordinator, is providing the Commission with this notice of the expected in-service date of a new area code for the 619 area code.

The forecasted exhaust of NXX codes (prefixes) in the 619 area code is 1Q2019. A new area code will need to be implemented during the 3Q2018.

After receipt of this letter, telecommunications service providers are to notify their customers of the need for a new area code. A telecommunications industry relief planning meeting has taken place to develop a recommended relief alternative. The relief plan will include the 858 area code.

Scheduling is underway of public participation meetings in both the 619 and 858 area codes, with the local jurisdictions and the general public, to present the relief plan by December 2016. Once public input is collected and reviewed by the industry, the results of the relief planning process will be submitted to the Commission for a decision on the relief plan to be implemented.

If you wish to discuss this with me, please contact me at (571) 434-5690.

Sincerely,

*Joseph R. Cocke*  
Senior NPA Relief Planner  
NANPA  
Email: [joe.cocke@neustar.biz](mailto:joe.cocke@neustar.biz)

CC: Fe Lazaro, Joanne Leung - Communications Division  
619 NPA Industry Planning Team

# EXHIBIT E

November 8, 2016

To: All 619 & 858 NPA Code Holders and Other Industry Members (California)

Subject: CPUC Summary Report on Public Meetings

Attached is the California Public Utilities Commission staff's summary report on the 619 & 858 NPA public meetings that will be reviewed along with NANPA's draft application for relief at the industry NPA relief planning conference call on November 10, 2016. The objective of this meeting is to approve the draft application for submission to the CPUC. The details of the meeting are as follows:

Date: November 10, 2016

Time: 12:00 PM PT; 1:00 PM MT; 2:00 PM CT; 3:00 PM ET

Dial-in number: (630) 827-6799 Pass code: 8831535#

NANPA is also making an online capability available for this meeting. To join the online of the reference documents during the call please utilize the link and instructions provided below:

[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_neustar.webex.com\\_neustar\\_j.php-3FMTID-3Dm60ec7576c885384a43ef827b6d2ce5fe&d=DQMGaQ&c=MOptNIVtIEtDALC\\_IULrw&r=O6ub6WcNvHcqR8QyH34bdMaow0\\_qxONlcs mouaSKj8g&m=7ZAVpmwaWDWDsQ8yX6w4AKkrzQ7NzkvmubtZGKGaxWg&s=TKdoEjH2nIDLEia7U\\_xFwr d8XVRNw8j95OY1W1\\_GYPg&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__neustar.webex.com_neustar_j.php-3FMTID-3Dm60ec7576c885384a43ef827b6d2ce5fe&d=DQMGaQ&c=MOptNIVtIEtDALC_IULrw&r=O6ub6WcNvHcqR8QyH34bdMaow0_qxONlcs mouaSKj8g&m=7ZAVpmwaWDWDsQ8yX6w4AKkrzQ7NzkvmubtZGKGaxWg&s=TKdoEjH2nIDLEia7U_xFwr d8XVRNw8j95OY1W1_GYPg&e=)

Meeting number: 628 397 867

Meeting password: yTzGJ473

Please feel free to contact me if you have any questions regarding the above relief planning conference call, any aspect of relief planning, or have any questions about receiving notices and documents via NNS. I can be reached on 571-434-5690 or via email at the address below.

Sincerely,

Joseph R. Cocke  
Senior NPA Relief Planner  
NANPA  
e-mail: [joe.cocke@neustar.biz](mailto:joe.cocke@neustar.biz)

CC: Joanne Leung – CPUC Staff

Attachments



## **STAFF REPORT**

### **619 AREA CODE**

**PUBLIC PARTICIPATION MEETINGS  
HELD IN THE CITIES OF SAN DIEGO,  
SOLANA BEACH AND PINE VALLEY  
ON OCTOBER 4 AND 5, 2016**



**Prepared by the Communications Division  
November 10, 2016**

## INTRODUCTION

The Communications Division (CD) of the California Public Utilities Commission (CPUC) held three local jurisdiction and public meetings to inform the public and solicit input about the industry-proposed introduction of the 858 area code to the geographic area that is now served by the 619 area code. The proposed method is a boundary-elimination overlay. The three meetings were held over two days on October 4 and 5, 2016, in the Cities of San Diego, Solana Beach, and Pine Valley.

Topics discussed include: (1) History of the 619 and 858 Area Codes; (2) Area code Relief Process; (3) Relief Options for the 619 Area Code; (4) Effects of the Area Code Relief Activities; and (5) Implementation Phases.

Attending the City of San Diego meeting on October 4, 2016 was a mix of general public members, local jurisdiction officials, telecommunication service provider representatives, and media representatives. The discussion on relief options and activities seemed to have been well-received. Attendees largely appeared to accept the proposed boundary-elimination overlay plan. There were few inquiries and comments at the meeting. Several media reporters were present to cover the event.

Telecommunications service provider representatives were present at the Solana Beach meeting on October 4, 2016 and the Pine Valley meeting on October 5, 2016. However, the two meetings did not have any general public or local jurisdiction participants, likely because the Solana Beach meeting was conducted in the evening at a community center hall where an adult computer class was occurring simultaneously in the adjacent room, and the Pine Valley meeting was held in the unincorporated area of San Diego County, where population is extremely sparse.

## BACKGROUND

The CPUC held three local jurisdiction and public meetings to discuss the introduction of the 858 area code to the 619 area code, as directed by Public Utilities Code Sections 7930-7943<sup>1</sup>. The 619 area code is projected to exhaust in the 4<sup>th</sup> quarter of 2018<sup>2</sup>. In order to provide additional prefixes and new telephone numbers for the 619 customers, another area code must be added to the area that is currently served by the 619 area code.

The telecommunications service providers proposed to add the 858 area code to the area currently served by the 619. The relief method is a boundary-elimination overlay. The boundary

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<sup>1</sup> Public Utilities Code Sections 7930-7943 directs the CPUC to conduct area code local jurisdiction and public meetings. [www.cpuc.ca.gov](http://www.cpuc.ca.gov)

<sup>2</sup> The 619 area code was originally projected to exhaust by the 1<sup>st</sup> quarter of 2019 at the time of NANPA's January 12, 2016 notification to the industry regarding relief planning for this area code. However, the 619 area code exhaust date has moved up to the 4<sup>th</sup> quarter of 2018 since then due to increased code demand.



between the 858 and 619 area codes is eliminated, thereby blending the two area codes together. The 858 area code would serve the 619 area code region in addition to the existing 858 area code region. The 619 area code would likewise serve both the current 858 and the current 619 area code regions.

The proposed boundary-elimination overlay, pending CPUC approval, will allow all customers to keep their current phone numbers, including their area code.

The area served by the 619 area code, largely made up of the City of San Diego, includes the southern portion of the City of San Diego, and the adjacent cities of Chula Vista, Coronado, El Cajon, Imperial Beach, La Mesa, Lemon Grove, National City, Santee, and unincorporated areas of San Diego County. The area served by the 858 area code comprises the northern portion of the City of San Diego along with the adjacent cities of Del Mar, Poway, Solana Beach, and a small portion of the City of Encinitas as well as an unincorporated area of San Diego County.

The North American Numbering Plan Administration (NANPA) notified the industry of the relief planning process on December 16, 2015, 36 months in advance of the 619 area code forecasted exhaust at the time<sup>3</sup>.

On January 20, 2016, NANPA held a planning conference call to discuss the area code relief details. NANPA reviewed the Alliance for Telecommunications Industry Solutions (ATIS) NPA Code Relief Planning and Notification Guidelines<sup>4</sup>, reported the status of the 619 and 858 area codes, and discussed relief alternatives with the CPUC and twenty-one telecommunications service provider representatives that were present during the call. The telecommunications service provider representatives discussed and arrived at consensus to recommend the boundary-elimination overlay method, as it is the most beneficial to customers, because an overlay allows all customers to keep their existing phone numbers and area code.

## METING SCHEDULE

The CPUC scheduled local jurisdiction and public participation meetings as shown in Table 1.

**Table 1 – Schedule and Locations of Public and Local Jurisdiction Meetings**

<b>San Diego</b> <i>1 p.m., October 4, 2016</i> Mission Valley State Building 7575 Metropolitan Dr. San Diego, CA	<b>Solana Beach</b> <i>6 p.m., October 4, 2016</i> La Colonia Community Center 715 Valley Ave. Solana Beach, CA	<b>Pine Valley</b> <i>11 a.m., October 5, 2016</i> Pine Valley Improvement Club 28890 Old Highway 80 Pine Valley, CA
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<sup>3</sup> See Footnote 2.

<sup>4</sup> ATIS NPA Code Relief Planning and Notification Guidelines, January 4, 2016, [www.atis.org](http://www.atis.org)

## MEETING PUBLICITY

Meeting Notices were inserted in the telecommunications service providers' customer bills in the month of June 2016 (Attachment A).

On September 8, 2016, the CPUC sent individual letters of invitation (Attachment B), along with the meeting notice, to 181 local jurisdiction entities, including the local, state and federal elected and appointed officials, the chambers of commerce, and the California Highway Patrol offices in the 619 and 858 area code regions.

On July 28, 2016, the CPUC issued a news release announcing the public meetings with a brief discussion of the issues to be discussed at the meetings (Attachment C).

From September 21, 2016 to September 27, 2016, a meeting notice was posted on the CPUC's daily calendar under "Other Commission Meetings" and "Public Meetings and Workshop Notices" sections (Attachment D).

## MEETINGS

The City of San Diego meeting was conducted and moderated by CD staff, with assistance from the CPUC's Public Advisor's Office and Business and Community Outreach Group. At each of the three meetings, Joseph Cocke, NANPA senior relief planner, presented the maps of the area that will be impacted, discussed the split and overlay relief options for the 619 area code, and explained the process used to arrive at the boundary-elimination overlay alternative that was recommended by the telecommunications service providers. Mr. Cocke explained to the attendees that although the split option was presented, a split would not meet the ATIS industry criteria<sup>5</sup> due to the 16-year difference in the projected lives on the two sides of the split line<sup>6</sup> and would need to be suspended pending Federal Communications Commission direction. In addition, he mentioned that a split alternative would also split the Cities of San Diego, Lemon Grove, Chula Vista, and National City.

The discussion was accompanied by a PowerPoint presentation (Attachment E). All attendees were given a handout package (Attachment F) consisting of the agenda, four maps of the 619 and 858 area code regions, glossary of area code and numbering terminologies, explanation of the NANPA planning process, a set of "Frequently Asked Questions", and a comment form.

The Cities of Solana Beach and Pine Valley meetings did not have any general public or local jurisdiction participants. Only telecommunications service provider representatives were

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<sup>5</sup> The ATIS industry criteria for the split option is a ten-year or below difference in the projected lives of the two sides of the split line. ATIS NPA Code Relief Planning and Notification Guidelines, January 4, 2016, [www.atis.org](http://www.atis.org)

<sup>6</sup> The split option for the 619 area code, with the split line along the rate center boundaries of *San Diego: San Diego DA* and *National City*, would result in a projected life of 20 years on one of the split line, and a projected life of 36 years on the other side of the line.

present. Therefore, CD staff and NANPA did not proceed with the discussion and presentation at the two locations. However, at the City of Pine Valley, prior to the start time of the meeting, CPUC Business and Community Outreach staff distributed approximately forty handout packets to the local fire station, post office, residents, and businesses, in order to inform them of the impending area code activities.

## Meeting Attendance

Table 2 shows the meeting attendance.

**Table 2 –Meeting Attendance**

<b>Date and Time</b>	<b>Location</b>	<b>Service Provider Representatives</b>	<b>Local Jurisdiction Officials</b>	<b>Public Members</b>	<b>Media</b>	<b>Total Number of Attendees</b>	<b>Number of Speakers</b>
10/4/2016, 1 PM	Mission Valley State Building, San Diego, CA	4	3	4	5	16	1
10/5/2016, 6 PM	La Colonia Community Center, Solana Beach, CA	4	0	0	0	4	0
8/16/2016, 1 PM	Pine Valley Improvement Club, Pine Valley, CA	2	0	0	0	2	0

Attending the City of San Diego meeting on October 4, 2016 were representatives of AT&T, Cox, and California Cable and Telecommunications Association (CCTA).

Representatives of AT&T, Cox and CCTA were present at the City of Solana Beach on October 4, 2016, and representatives of AT&T and Cox were present at the City of Pine Valley on October 5, 2016. However, both locations did not have any general public or local jurisdiction participants.

## Summary of Comments and Questions

At the end of the staff discussion, the floor was opened for questions and comments. CD staff also reminded the attendees that they could also submit written comments by completing the comment form in the handout package or by sending an email to the Public Advisor's Office. One attendee spoke and provided written comment at the City of San Diego meeting. Two other attendees also provided written comments (Attachment G) on the comment form at the end of the meetings.

A total of 14 verbal and written comments were received at the public meetings and/or via emails sent to the Public Advisor's Office. Table 3 shows the breakdown of all comments received by source.

**Table 3 – Number of Comments Received by Source**

<b>Source</b>	<b>Number of Comments</b>
San Diego Public Meeting	3
Solana Beach Public Meeting	0
Pine Valley Public Meeting	0
Emails to the Public Advisor’s Office	11
Total	14

Of the 14 comments received, two written comments, one submitted by an attendee at the San Diego meeting and the other by a commenter via email to the Public Advisor’s Office, opposed the proposed boundary-elimination overlay, as follows:

- (1) An overlay will negatively affect the elderly and disabled who have difficulty dialing 11 digits on the telephone keypad; and
- (2) The proposed boundary-elimination overlay plan is confusing, as Otay Mesa and San Ysidro are the only South Bay communities with the 858 area code, and the proposal should include geographical consistency.

At the San Diego meeting, an official representing the San Diego Police Department inquired about the implementation and timeline of the proposed overlay plan. Also at the San Diego meeting, an attendee provided written comment supporting the proposed boundary-elimination overlay.

The Public Advisor’s Office received eleven comments by email, as follows:

- (1) Eight of the eleven comments concern whether customers have to change their phone numbers and area codes;
- (2) One commenter stated that he could not attend the scheduled public meetings;
- (3) Another commenter, who currently has the 619 area code, misunderstood that her area code would change to the 858, and inquired if she would need to wait until the area code change to have better telephone service quality; and
- (4) The remaining email comment, which was one of the two comments that opposed the proposed overlay, indicated that the proposed plan is confusing and that the proposal should include geographic consistency.

## **NEXT STEP**

This report will be provided to NANPA to incorporate in its application for relief of the 619 area code, which it will file with the CPUC by the end of 2016.

# **ATTACHMENTS**

# ATTACHMENT A

## Schedule and Locations of Local Jurisdiction and Public Meetings

### PUBLIC PARTICIPATION MEETINGS REGARDING CHANGES IN THE 619 AND 858 AREA CODES

The California Public Utilities Commission (CPUC) will begin the process to add the 858 area code to the areas now served by the 619 area code, as the 619 area code is expected to use up its available prefixes by March 2019. Adding the 858 area code to the areas served by the 619 area code is known as a boundary-elimination overlay, which will provide additional prefixes and new telephone numbers for the 619 area code customers. The boundary-elimination overlay, pending CPUC approval, will allow all customers to keep their current phone numbers, including their area code. To avoid service disruption, the 858 area code will be added to the areas served by the 619 area code by September 2018, six months before depletion of prefixes. In September 2018, 619 area code customers requesting new phone numbers may be assigned the 858 area code.

The CPUC will be holding public meetings on October 4 and 5, 2016, to inform the public and to hear concerns about changes in the 619 and the 858 area code regions. More information is available at <http://www.cpuc.ca.gov/619areacode>.

#### Local Jurisdiction and Public Meetings

<b>San Diego</b>	<b>Solana Beach</b>	<b>Pine Valley</b>
<i>1 p.m., October 4, 2016</i>	<i>6 p.m., October 4, 2016</i>	<i>11 a.m., October 5, 2016</i>
Mission Valley State Building	La Colonia Community Center	Pine Valley Improvement Club
7575 Metropolitan Dr.	715 Valley Ave.	28890 Old Highway 80
San Diego, CA	Solana Beach, CA	Pine Valley, CA

The CPUC welcomes your participation and comments. If you are unable to attend these meetings, you may submit written comments to the CPUC Public Advisor's Office at 320 W. 4th Street, Suite 500, Los Angeles, CA 90013, at the CPUC's website at <http://www.cpuc.ca.gov/619areacode>, or via e-mail to [public.advisor@cpuc.ca.gov](mailto:public.advisor@cpuc.ca.gov). Additionally, you may call the **Area Code Hotline** number for more information at (866) 340-6147.

It is the CPUC's policy to schedule hearings in locations that are accessible to everyone. If you require additional accessibility assistance, such as a sign language interpreter, please contact the CPUC Public Advisor's Office five business days prior to the meeting date toll free at 866-849-8390 or toll free TTY at 866-836-7825.

# ATTACHMENT B

STATE OF CALIFORNIA

Edmund G Brown, Jr., Governor

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



September 8, 2016

<Name>, <Title>  
<City of>  
<Street Address>  
<City, State, Zip>

RE: 619 and 858 Area Code Meeting

Dear <Salutation Name>:

This letter is to invite you to participate in the California Public Utilities Commission (CPUC)'s decision-making process to introduce the 858 area code to the area that is now served by the 619 area code. The 619 area code is expected to use up all available prefixes by March 2019. Pursuant to Federal Communications Commission rules, the CPUC must adopt a plan for additional numbering resources in the 619 area code region. Adding the 858 area code to the 619 area code region, a plan known as a boundary-elimination overlay that is proposed by the telecommunications industry, will provide additional prefixes and ensure new telephone numbers are available for the 619 area code customers.

When the CPUC considers adding another area code to the region served by an existing area code, the perspectives of local government officials and the community are very important. On October 4 and 5, 2016, in conjunction with the North American Numbering Plan Administrator (NANPA), the CPUC will host meetings for the local jurisdictions and the public. At the meetings, CPUC staff and NANPA representatives will explain the area code relief activities in the regions served by the 619 and 858 area codes. We invite you to join us to discuss and to express your concerns. We will also present the current status of numbering resources in the 619 and 858 area codes that should be useful to you in explaining the area code relief activities to your own constituents. The local jurisdiction and public meetings will take place at the following dates and locations:

**OCTOBER 4, 2016 - 1 P.M.**  
Mission Valley State Building  
7575 Metropolitan Dr.  
San Diego, CA

**OCTOBER 4, 2016 - 6 P.M.**  
La Colonia Community Center  
715 Valley Ave.  
Solana Beach, CA

**OCTOBER 5, 2016 - 11 A.M.**  
Pine Valley Improvement Club  
28890 Old Highway 80  
Pine Valley, CA

Enclosed is a flyer with the meeting details, along with a map of the 619 and 858 area codes. Please share this area code meeting information with your constituents and encourage them to attend one of the meetings. Following the meetings, NANPA will submit a petition to the CPUC for authorization to implement an area code relief plan for the 619 area code.

Written comments may be submitted to the Commission's Public Advisor's Office at 320 West 4<sup>th</sup> Street, Suite 500, Los Angeles, CA 90013 or via email to [public.advisor@cpuc.ca.gov](mailto:public.advisor@cpuc.ca.gov). Additionally, you may provide your comments by calling the Area Code Hotline at (866) 340-6147.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jonathan Lakritz".

Jonathan Lakritz, Consumer Programs Manager  
Communications Division

Enclosures

# ATTACHMENT C



California Public Utilities Commission  
505 Van Ness Ave., San Francisco

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## FOR IMMEDIATE RELEASE

## MEDIA ADVISORY

Media Contact: Terrie Prosper, 415.703.1366, [news@cpuc.ca.gov](mailto:news@cpuc.ca.gov)

### CPUC TO HOLD PUBLIC MEETINGS ON 916, 805, AND 619 AREA CODES

SAN FRANCISCO, July 28, 2016 - The California Public Utilities Commission (CPUC) will hold public meetings to provide information and obtain input on the introduction of new area codes to the regions now served by the 916, 805, and 619 area codes.

#### 916 Area Code

The CPUC has started the process to introduce a new area code to the area now served by the 916 area code, as the 916 is now expected to use up its available prefixes by March 2018 due to increased demand. Adding a new area code is known as an overlay, which would provide additional prefixes and new telephone numbers for the 916 area code customers. The overlay, pending CPUC approval, would allow all customers to keep their current phone numbers, including their area code. To avoid service disruption, the new area code would be added to the 916 area by September 2017, six months before depletion of prefixes. In September 2017, customers requesting new phone numbers would be assigned a new area code. The 916 area code serves the greater Sacramento area, which includes parts of El Dorado, Placer, Sacramento, Solano, Sutter, and Yolo Counties. The local jurisdictional and public meetings are as follows:

- Aug. 15, 2016, 1 p.m.: Sacramento Historic City Hall, Hearing Room, 2<sup>nd</sup> Floor, 915 I St., Sacramento
- Aug. 15, 2016, 6 p.m.: Folsom Community Center, Activity Room, 52 Natoma St., Folsom
- Aug. 16, 2016, 1 p.m.: Roseville Civic Center, Meeting Rooms 1 and 2, 311 Vernon St., Roseville

#### 805 Area Code

The CPUC has started the process to introduce a new area code to the area now served by the 805 area code, as the 805 is now expected to use up its available prefixes by June 2018 due to increased





demand. Adding a new area code is known as an overlay, which would provide additional prefixes and new telephone numbers for the 805 customers. The overlay, pending CPUC approval, would allow all customers to keep their current phone numbers, including their area code. To avoid service disruption, the new area code would be added to the 805 by December 2017, six months before depletion of prefixes. In December 2017, customers requesting new phone numbers would be assigned a new area code. The area served by the 805 area code includes small portions of Monterey and Kern Counties and most of San Luis Obispo, Santa Barbara, and Ventura Counties. The local jurisdictional and public meetings are as follows:

- Aug. 22, 2016, 2 p.m.: Oxnard City Council Chambers, 300 West 3rd St., Oxnard
- Aug. 22, 2016, 7 p.m.: Eastside Branch Library, Martin Luther King Jr. Wing, 1102 E. Montecito St., Santa Barbara
- Aug. 23, 2016, 11 a.m.: San Luis Obispo City Council Chambers, 990 Palm St., San Luis Obispo

### **619 Area Code**

The CPUC has started the process to add the 858 area code to the areas now served by the 619 area code, as the 619 area code is expected to use up its available prefixes by March 2019. Adding the 858 area code to the areas served by the 619 area code is known as a boundary elimination overlay, which will provide additional prefixes and new telephone numbers for the 619 area code customers. The boundary elimination overlay, pending CPUC approval, would allow all customers to keep their current phone numbers, including their area code. To avoid service disruption, the 858 area code would be added to the areas served by the 619 area code by September 2018, six months before depletion of prefixes. In September 2018, 619 area code customers requesting new phone numbers would be assigned the 858 area code. The area served by the 619 area code includes the southern portion of the City of San Diego, and the adjacent cities of Chula Vista, Coronado, El Cajon, Imperial Beach, La Mesa, Lemon Grove, National City, Santee, and unincorporated areas of San Diego County. The local jurisdictional and public meetings are as follows:

- Oct. 4, 2016, 1 p.m.: Mission Valley State Building, 7575 Metropolitan Dr., San Diego
- Oct. 4, 2016, 6 p.m.: La Colonia Community Center, 715 Valley Ave., Solana Beach
- Oct. 5, 2016, 11 a.m.: Pine Valley Improvement Club, 28890 Old Highway 80, Pine Valley

Comments from the public can help the CPUC reach an informed decision and members of the public are encouraged to attend one of the meetings.

For more information, please visit [www.cpuc.ca.gov/AreaCodes](http://www.cpuc.ca.gov/AreaCodes).

If specialized accommodations are needed to attend, such as non-English language interpreters, please contact the CPUC's Public Advisor's Office at [public.advisor@cpuc.ca.gov](mailto:public.advisor@cpuc.ca.gov) or toll free at 866-849-8390 at least five business days in advance of the hearing.

While a quorum of Commissioners and/or their staff may attend these meetings, no official action will be taken.

For more information on the CPUC, please visit [www.cpuc.ca.gov](http://www.cpuc.ca.gov).

###

# ATTACHMENT D

## ***Public Meeting Notice: 619 Area Code Local Jurisdiction and Public Meetings***

<b>October 4, 2016</b> 1 pm	<i>Mission Valley State Building 3<sup>rd</sup> Floor, Suite 340 7575 Metropolitan Drive San Diego, CA 92108</i>
6 pm	<i>La Colonia Community Center 715 Valley Ave. Solana Beach, CA 92075</i>

The 619 area code is expected to use up all available prefixes by March 2019. To ensure the availability of numbers in the 619 area code region, the California Public Utilities Commission (CPUC) has begun the process to consider the introduction of the 858 area code to the geography now served by the 619 area code. Adding the 858 area code to the 619 area code is known as a boundary-elimination overlay, which was proposed by the telecommunications service providers. The proposed boundary-elimination overlay, pending CPUC approval, will allow all customers to keep their current phone numbers, including their area code.

These meetings are being held in order to provide more information about the area code relief activities in the 619 area code region and to solicit comments from the public. The public is encouraged to voice their opinion by:

- 1) Attending one of the Local Jurisdiction and Public Meetings scheduled above in October 2016;
- 2) Calling the area code hotline at (866) 340-6147;
- 3) Submitting written comments to the CPUC Public Advisor's Office by postal mail to 320 W. 4th St., Suite 500, Los Angeles, CA 90013; or
- 4) Sending an email to [public.advisor@cpuc.ca.gov](mailto:public.advisor@cpuc.ca.gov).

It is the CPUC's policy to schedule hearings in locations that are accessible to everyone. If you require additional accessibility assistance, please contact the CPUC Public Advisor's Office five business days prior to the meeting date toll free at 866-849-8390 or toll free TTY at 866-836-7825.

More information on the 619 area code is available at <http://www.cpuc.ca.gov/619areacode/>.

## ***Public Meeting Notice: 619 Area Code Local Jurisdiction and Public Meeting***

<b>October 5, 2016</b> 11 am	<i>Pine Valley Improvement Club 28890 Old Highway 80 Pine Valley, CA 91962</i>
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The 619 area code is expected to use up all available prefixes by March 2019. To ensure the availability of numbers in the 619 area code region, the California Public Utilities Commission (CPUC) has begun the process to consider the introduction of the 858 area code to the geography now served by the 619 area code. Adding the 858 area code to the 619 area code is known as a boundary-elimination overlay, which was proposed by the telecommunications service providers. The proposed boundary-elimination overlay, pending CPUC approval, will allow all customers to keep their current phone numbers, including their area code.

This meeting is being held in order to provide more information about the area code relief activities in the 619 area code region and to solicit comments from the public. The public is encouraged to voice their opinion by:

- 1) Attending the Local Jurisdiction and Public Meeting scheduled above in October 2016;
- 2) Calling the area code hotline at (866) 340-6147;
- 3) Submitting written comments to the CPUC Public Advisor's Office by postal mail to 320 W. 4th St., Suite 500, Los Angeles, CA 90013; or
- 4) Sending an email to [public.advisor@cpuc.ca.gov](mailto:public.advisor@cpuc.ca.gov).

It is the CPUC's policy to schedule hearings in locations that are accessible to everyone. If you require additional accessibility assistance, please contact the CPUC Public Advisor's Office five business days prior to the meeting date toll free at 866-849-8390 or toll free TTY at 866-836-7825.

More information on the 619 area code is available at <http://www.cpuc.ca.gov/619areacode/>.

# ATTACHMENT E



## 619 and 858 Area Codes



**October 4 - 5, 2016**

**California Public Utilities Commission**

## California Public Utilities Commission (CPUC)'s Role

- a) FCC holds full jurisdiction over telephone numbering system.
- b) FCC has delegated area code relief responsibilities to each state.
- c) The CPUC conducts area code relief and determines method to introduce a new area code.
  - Public Utilities Code Section 7930-7943 directs the CPUC to conduct public meetings.
- d) Area code administration is in accordance with FCC policy. Area codes are managed and assigned by the North American Numbering Plan Administration (NANPA).

## History

- a) The 619 area code was created in 1982 as a split from the original 714 area code.
- b) In 1997, the 619 was split to create the 760 area code.
- c) In 1999, the 619 was split again, creating the 858 area code.
- d) The 619 now has a limited number of prefixes remaining.
- e) NANPA forecasted the 619 area code to use up all prefixes in the 1st quarter of 2019.

3

## NANPA

- FCC contracted with Neustar, a public company, to serve as the NANPA
- NANPA's responsibilities:
  - Assigns area codes and prefixes,
  - Tracks number usage, receives numbering reports from the service providers,
  - Forecasts when area codes will run out of prefixes, or "exhaust", and
  - Coordinates planning to introduce new area code, or *Area Code Relief Planning*, which starts 36 months before the forecasted exhaust

4

## Factors to Consider in Area Code Exhaust Forecast

- a) History of prefix code assignments
- b) Current growth in the telecommunications industry
- c) Annual increase in the demand for prefixes in the area code

5

## Number Limitations

- a) Area codes are geographically specific.
- b) Each area code is divided into local serving areas called rate centers.
- c) The 619 area code is divided into 11 rate areas.

619 Rate Centers			
CAMPO	DULZURA	JACUMBA	PINE VALLEY
CHULA VISTA	EL CAJON	LA MESA	SAN DIEGO: SAN DIEGO DA
CORONADO	HARBISON-ALPINE	NATIONAL CITY	

- d) The 858 area code is divided into 8 rate areas.

858 Rate Centers		
DEL MAR	RANCHO BERNARDO	SAN DIEGO:LINDA VISTA DA
LA JOLLA	RANCHO PENASQUITOS	SAN DIEGO:MIRA MESA DA
POWAY	RANCHO SANTA FE	

- e) Every prefix is assigned to a specific rate center and may only be used for telephone services in that rate center.

6

## 619 and 858 Area Code Background

- a) In the 619 and 858 area codes, there are currently over 65 service providers which can be local phone companies, mobile phone companies or paging companies.
- b) The 619 area code is divided into 11 rate areas, covering much of downtown San Diego, neighboring cities of Chula Vista, Coronado, El Cajon, Imperial Beach, La Mesa, Lemon Grove, National City, and Santee, as well as unincorporated areas of San Diego County.
- c) The 858 area code is divided into 8 rate areas, serving the northern portion of the City of San Diego, along with the adjacent cities of Del Mar, Poway, Solana Beach and a small portion of the City of Encinitas, as well as an unincorporated area of San Diego County.

7

## Number of Prefixes Remaining

- a) The 619 area code has 75 useable prefixes or 10% remaining at this time. They are expected to run out by March 2019.
- b) The 858 area code has 368 useable prefixes or 46% remaining at this time. They are expected to last approximately 30 years.
  - The 46% remaining prefixes in the 858 area code will be used in both the 619 and 858 area code areas. The two area codes will be blended by eliminating the boundary between them.

8

Each prefix is assigned to a rate center from the available inventory. Once assigned, numbers from that prefix are not available for assignment to end users in another rate center.

### 619 Rate Centers and Assigned Prefixes

619 Rate Center	Prefix Assignment	619 Rate Center	Prefix Assignment	619 Rate Center	Prefix Assignment
CAMPO	6	EL CAJON	77	NATIONAL CITY	37
CHULA VISTA	115	HARBISON-ALPINE	8	PINE VALLEY	6
CORONADO	21	JACUMBA	7	SAN DIEGO: SAN DIEGO DA	370
DULZURA	7	LA MESA	53		

Currently there are 75 useable prefixes remaining available for assignment in the 619 area code.

9

## Relief Methods

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

10



## Relief Methods

- a) There has not been an area code split in the nation in the last nine years.
- b) The last split in California was twelve years ago.
- c) California has introduced six new area codes using the overlay method and a seventh overlay was recently ordered in Los Angeles.
- d) The overlay has become the preferred form of area code relief.

11

## Limitations of Area Code Split for 619

- a) The split option, with the split line following the rate center boundaries of *San Diego: San Diego DA* and *National City*, would result in a projected life of 36 years on one side of the split line, and a projected life of 20 years on the other side of the line.
- b) Due to the 16-year difference in the two projected lives, the split alternative would not meet the industry criteria and would need to be suspended pending FCC direction.
- c) The split alternative would also split the Cities of San Diego, Lemon Grove, Chula Vista and National City.

12

## 619 Area Code Proposed Relief Method

- Telecommunications industry proposed a boundary-elimination overlay over the 619 and 858 areas using the remaining 619 and 858 prefixes
- Projected life of the overlay is about 17 years

13

## Impacts of the Overlay

- a) All current customers will keep their existing area code and telephone number
- b) Must dial 1 + ten digits to complete all calls, including local calls
- c) Ten digit dialing is a FCC requirement so that all customers in the two area codes are treated alike
- d) Dialing '1+ an area code' does not change what a call costs and does not mean that a call is a toll or long distance call
- e) Calling areas and rates will not change
- f) What is a local call now will remain a local call
- g) Calls to 911, as well as 211, 311, 411, 511, 611, 711 and 811 will not be affected, and will continue to be dialed with 3 digits

14

## Implementation Periods of the Overlay

- Permissive 1 + 10-digit dialing period
  - Customers may dial numbers from the 619 area code to other 619 numbers using 7 digits or 1+10 digits, but are encouraged to use the new 1 + 10-digit procedure.
  - Permissive period usually lasts several months
- Mandatory 1 + 10-digit dialing period
  - All calls must be dialed using 1 + 10 digits
  - Customers who dial 7 digits will reach a recording stating the call must be redialed using 1 + 10 digits
- Introduction of the new area code
  - One month after mandatory dialing period

15

## Implementation Timeline of the Overlay

### Implementation Intervals:

- NANPA files application with CPUC
  - *Winter 2016*
- CPUC Decision
  - *Summer 2017*
- Permissive 1 + ten digit dialing period
  - *Spring 2018*
- Mandatory 1 + ten digit dialing period
  - *Fall 2018*
- Introduction of the new area code
  - *One month after mandatory dialing period*

16

## Questions & Comments?

- a) Sign up with the CPUC Public Advisors to speak
- b) Fill out the comment form in the handout packet, and
  - Give the completed form to a CPUC representative,
  - Mail the form to the CPUC Public Advisors' Office at 320 W. 4<sup>th</sup> St., Suite 500, Los Angeles, CA 90013, or
  - Email the form to the Public Advisors' Office at [public.advisor@cpuc.ca.gov](mailto:public.advisor@cpuc.ca.gov)
- c) Call the CPUC Area Code Hotline (866) 340-6147

17

# ATTACHMENT F

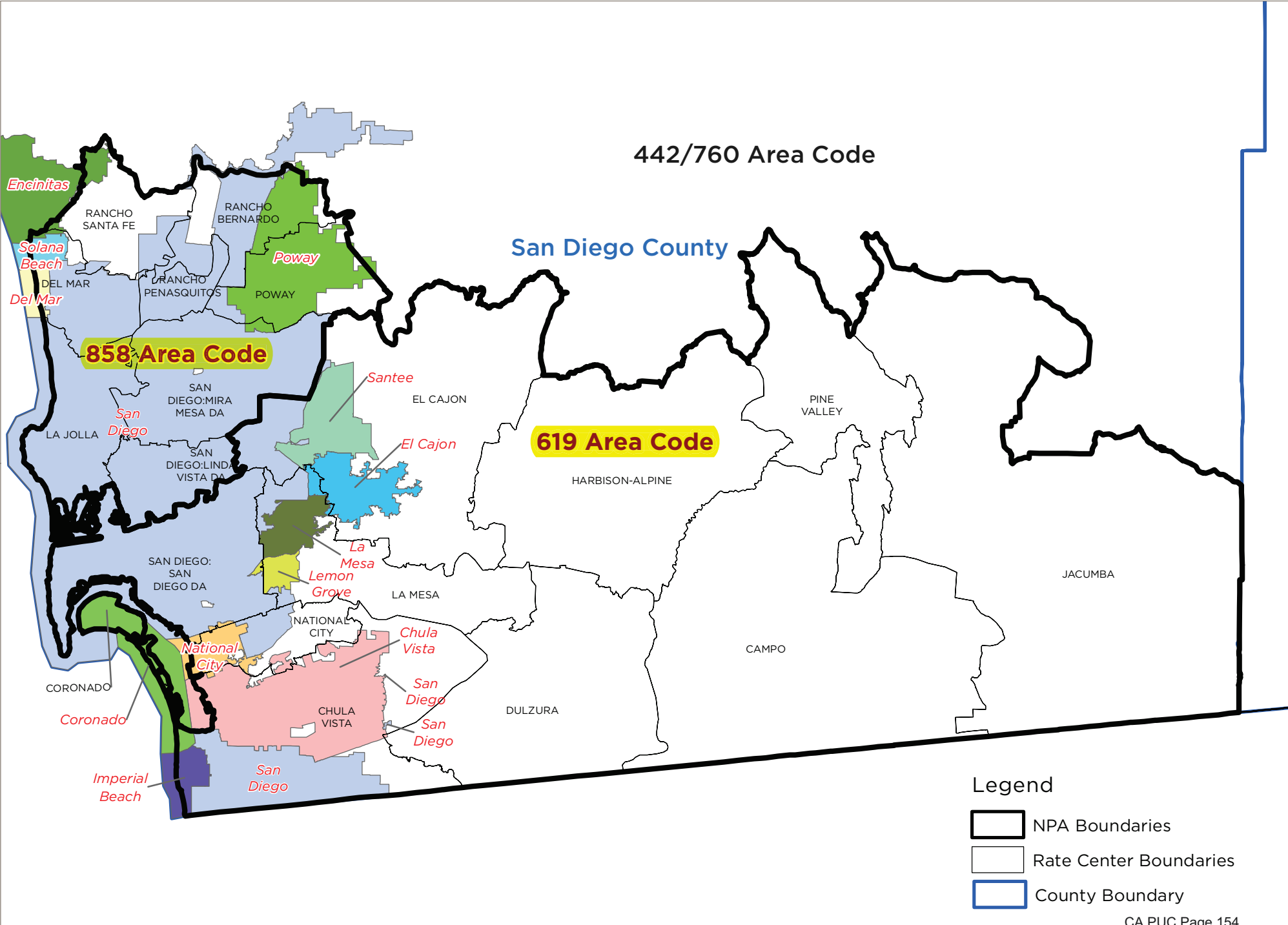
## 619 and 858 Area Codes Local Jurisdiction and Public Meetings

<u>SAN DIEGO</u>	<u>SOLANA BEACH</u>	<u>PINE VALLEY</u>
Mission Valley State Building 7575 Metropolitan Dr. San Diego, CA <i>1 p.m., October 4, 2016</i>	La Colonia Community Center 715 Valley Ave. Solana Beach, CA <i>6 p.m., October 4, 2016</i>	Pine Valley Improvement Club 28890 Old Highway 80 Pine Valley, CA <i>11 a.m., October 5, 2016</i>

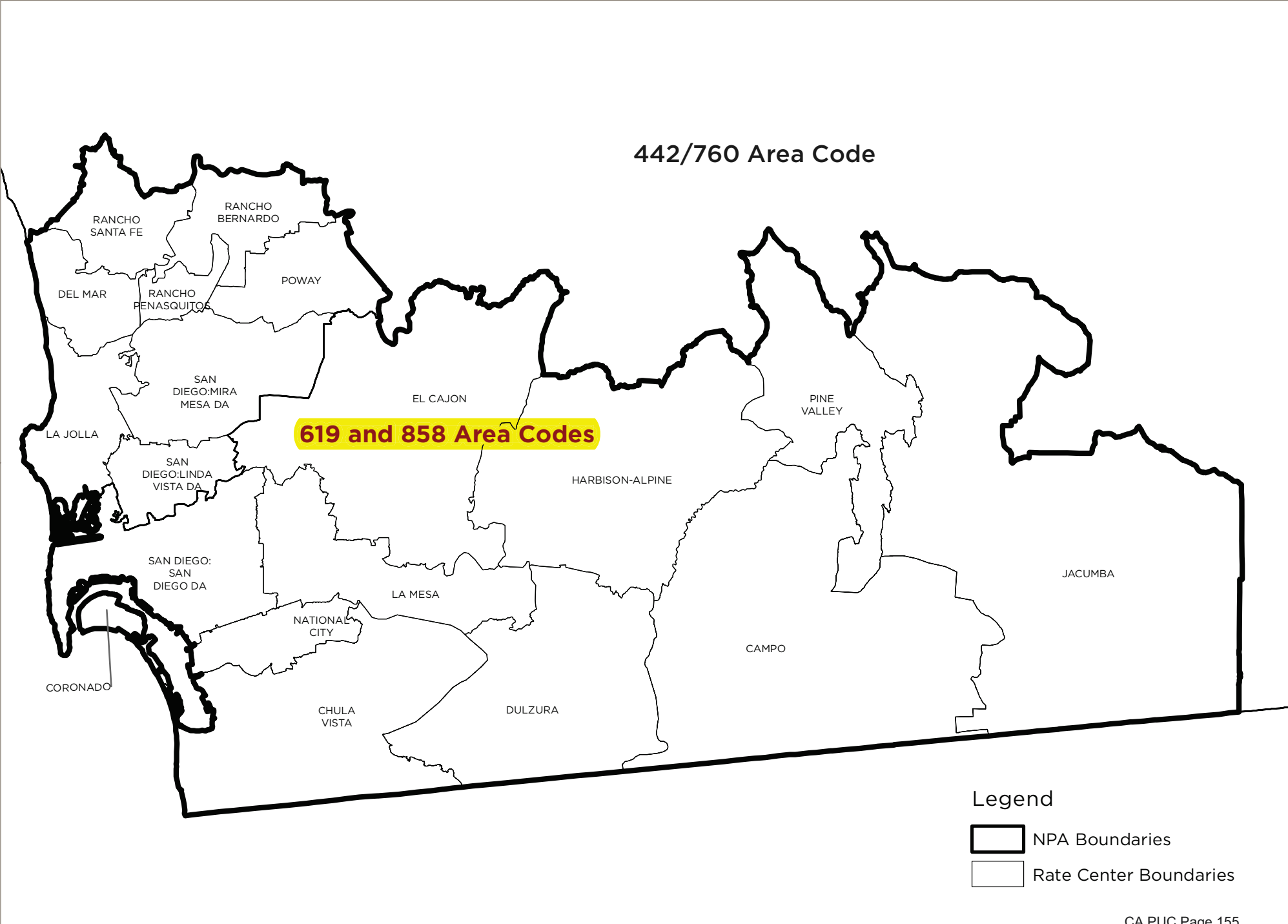
### Agenda

- I. Introductions (10 minutes)**
- II. 619 and 858 Area Code Presentation (30 minutes)**
  - A. Purpose and Objectives**
  - B. Background**
  - C. Area Code Relief Planning**
  - D. Status of the 619 and 858 Area Codes**
  - E. Relief Methods**
  - F. Impacts and Implementation Timeline of the Industry's  
Proposed Boundary-Elimination Overlay**
- III. Question & Answers/Comments (30 minutes)**
- IV. Closing Remarks (5 minutes)**

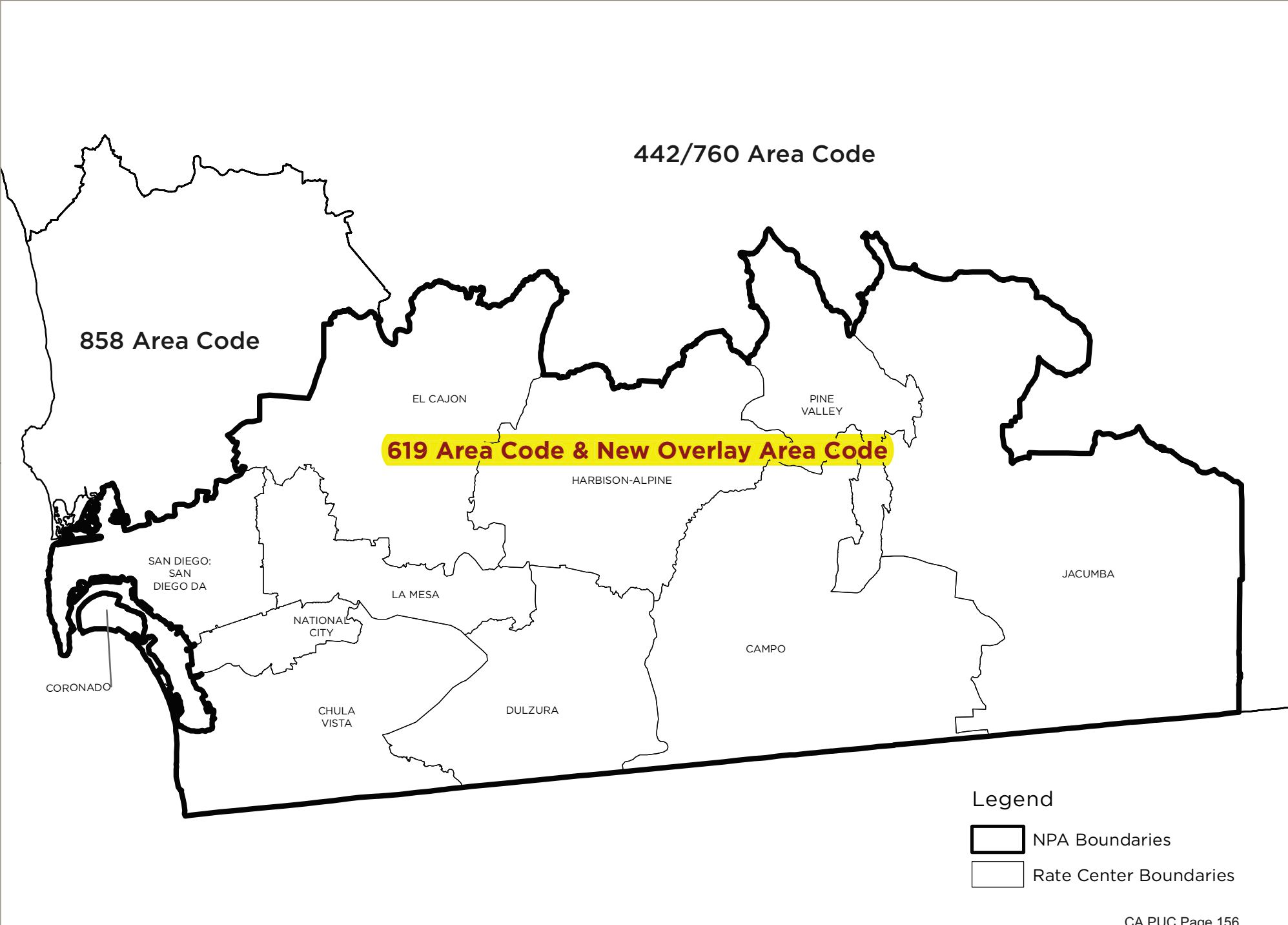
**Moderated by the California Public Utilities Commission**



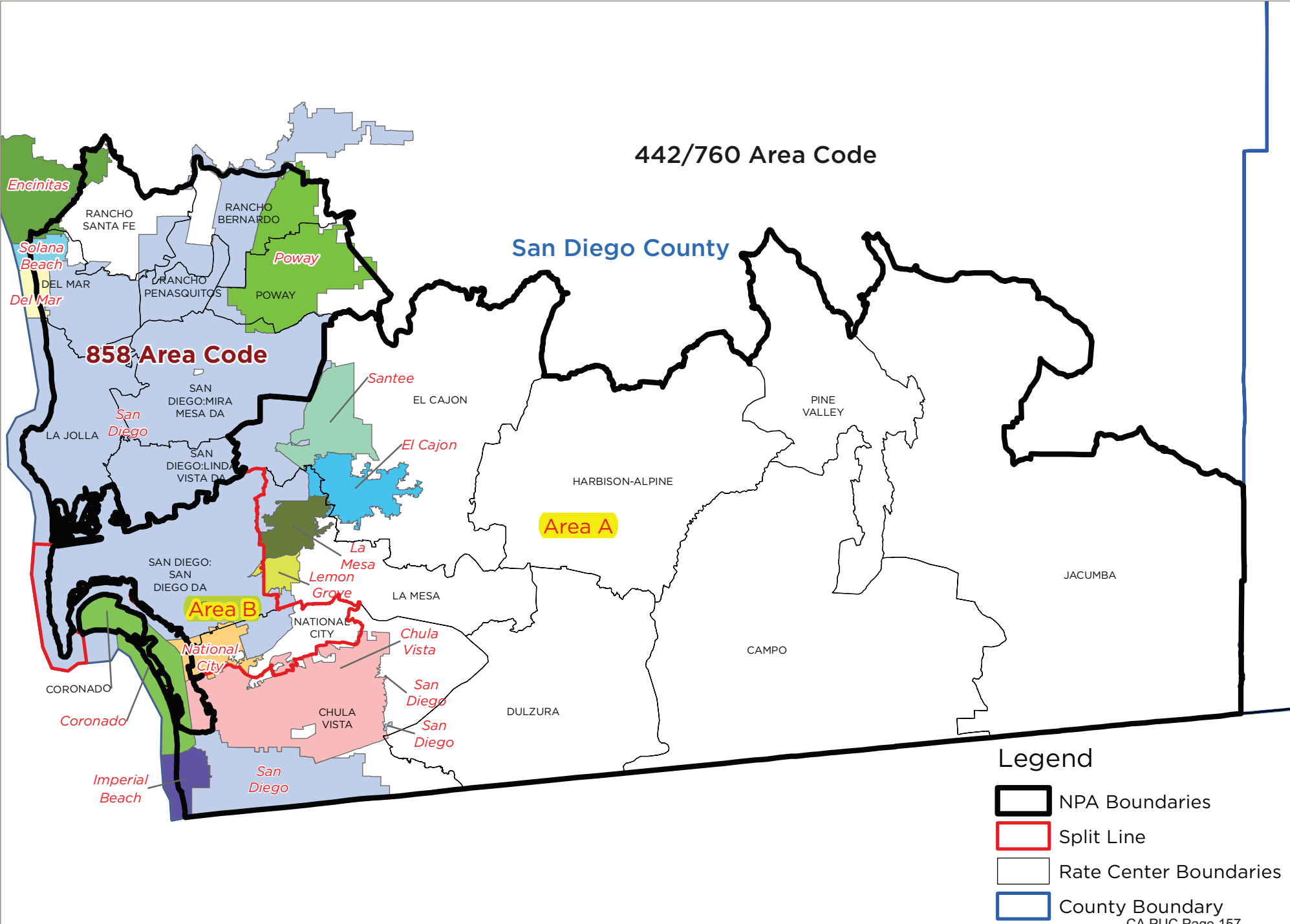
ALTERNATIVE # 1 - RATE CENTER MAP OF BOUNDARY ELIMINATION  
OVERLAY OF THE 619 AND 858 AREA CODES



CALIFORNIA 619 AREA CODE RATE CENTER MAP  
ALTERNATIVE # 2 - OVERLAY







## Basics of Area Code Relief Planning

NANPA, as a neutral third party, is responsible for forecasting the exhaust of geographic area codes and initiating the process known as area code relief planning. Below is a high level summary of this process.

The relief planning process starts with NANPA projecting the exhaust of an NPA. Area code exhaust occurs when all the prefixes (also known as central office codes) are assigned. Each area code contains 1,000 prefixes, but those prefixes beginning with a “zero” or “one” (a total of 200 prefixes) are not permitted. Further, prefixes such as 411, 911 and other “N11” codes (a total of eight codes) are used for special purposes, leaving 792 prefixes available in each NPA. When all of these prefixes are assigned, another area code is needed. NANPA publishes its forecasted exhaust of all of the area codes on a semi-annual basis. The forecast is used in determining when to start the process of adding another area code.

Three years prior to the forecasted exhaust date for an NPA, NANPA identifies various alternatives to introduce the new area code, either by splitting the current area code and introducing a new NPA or by overlaying a new area code on top of the existing geographical area. Using these alternatives as a starting point, NANPA convenes the service providers operating in the affected NPA together to review and decide which method they wish to recommend to the state regulatory authority. Additional relief alternatives may be identified during these meetings. Once the telecommunications industry reaches consensus on a particular relief plan, NANPA files this recommendation on behalf of the industry in the form of a petition with the state regulatory authority.

The state regulatory authority is responsible for making the final decision concerning the NPA relief method to be implemented. The state may conduct public meetings to get input from the general public on the various forms of relief. NANPA may participate in these meetings and provide assistance in explaining the options available. Once the state makes its decision on the type of NPA relief to be implemented (i.e., a split or an overlay), NANPA assigns the new area code.

With the relief method identified, the final step is implementation. NANPA will conduct an initial implementation meeting with the telecommunication companies – this time to determine when to implement the new area code. Issues such as dates and times for changing the dialing plan (known as permissive dialing) and determining when prefixes can be assigned from the new NPA are addressed. Specifics concerning the plan for implementing the new NPA are published in a NANPA Planning Letter. Often included in the planning letter is a rate center map of the new area code. The NANPA Planning Letter is posted on the NANPA website and serves notice to the telecommunications industry and general public that a new area code will be introduced.

The relief planning process is described in detail in the document entitled *NPA Code Relief Planning and Notification Guidelines*, ATIS-0300061, which can be found on the ATIS website at [www.atis.org/inc/incguides.asp](http://www.atis.org/inc/incguides.asp).



## Frequently Asked Questions About Area Code Changes

### 1. Why would another area code be necessary where I live or work?

There are a limited number of combinations of prefixes that are available to be used with an area code. Some prefixes are unavailable due to being used for public access information such as 911 or 411. Prefixes, also called codes, are assigned and are specific to, geographic locations which are called rate centers. That means that a prefix that has been assigned to one geographic location or rate center is not available in another rate center. Some rate centers run low on prefixes and require more prefixes. At some point there are no additional prefixes that are available for assignment. When there are no more prefixes available for assignment, more numbers must be made available and this means the addition of another area code.

### 2. What happens if another area code is needed where I live?

There is a lengthy planning process that the industry, the FCC through its' numbering contractor, the North American Numbering Plan Administration (NANPA) and the CPUC undergo to determine the most appropriate way of introducing a new area code. Public input is sought both through meetings held in the locality affected and through the CPUC's website. When the information about the best option for introducing a new area code is fully developed, NANPA applies to the CPUC for a new area code. The CPUC takes that information and information that has been developed from the public and approves an area code addition and method. At this time, area codes are added either by a geographic split, which has been the historical practice, or through an area code overlay.

### 3. What is an area code split?

Traditionally, the geographic area that an area codes is assigned to have been split to provide more prefixes for the telecommunications industry and its customers, thus creating smaller geographic areas. Area code splits create new area codes by splitting a geographical region into new, smaller regions. Usually the splits are in two ways with one region keeping the same area code and the other region changing to a new area code.

With the split method of introducing a new area code, a given location will only have one area code.

### 4. What is an area code overlay?

An area code overlay is a form of area code change that typically adds a second area code to the same geographic region. Therefore, multiple area codes can co-exist within the same geographic region. People with telephone numbers within the exhausting area code will retain their current telephone number(s) and area code. Individuals that would like to have new or additional telephone numbers or telecommunications services may be given telephone numbers with the new overlaid area code.





## **5. Will I be affected by an area code change?**

If you have a telephone number within an area code that is running out of prefixes, you will be affected by an area code change regardless of the area code change option implemented.

If an area code split is implemented then some individuals will have to change their area code to the new code. This depends on whether the individual telephone is located in the area designated for the new area code.

If an area code overlay is implemented then individuals will be able to retain their current telephone number and area code, but will need to dial 1+ the area code and the telephone number for all calls. This ten +1 digit dialing protocol is a change from the current seven digit dialing that customers use to make local calls.

## **6. How about giving cellular phones, faxes, ATM machines, and other non-geographical devices or services the new area code instead?**

This form of area code assignment is referred to as a technology-specific overlay.

Currently customers changing their service from a landline phone to a cellular service may move their telephone number from the landline phone to the cell phone as long as both services are in the same geographic area. Customers may also change their cell phone number to a landline within the same geographic area. This is called local number portability. Local number portability between landline and wireless services would not be available if technology-specific overlays were implemented.

In September 2005, in response to the CPUC's third request for authority to implement a technology-specific overlay, the FCC partially granted the CPUC's request. However, the FCC did not grant the CPUC authority to permanently maintain seven-digit dialing in the geographic region(s) where the technology-specific overlay would be implemented. Moreover, the phone numbers associated with wireless services were excluded from the list of those phone numbers that would get a separate area code. The FCC's partial granting of the CPUC's request did not include other important elements of the CPUC's proposal. As a result, the benefits of implementing the technology-specific overlay the FCC authorized, did not outweigh the customer costs of implementing the FCC-imposed requirements.

## **7. What will the new area code be?**

The new area code is selected by the North American Numbering Plan Administrator.

## **8. Who will get the new area code in a change?**

The CPUC does not decide in advance which region will receive the new area code if an area code split is implemented, and it weighs various factors in making that decision.

If an area code overlay is ordered, those consumers who order new telephone numbers or services will most likely receive the new area code if the CPUC implements an area code overlay.



**9. How will customer directory listings be impacted?**

The telecommunications industry, will be updating the directory listings in the white pages for all affected communities to identify the associated area code of a telephone number. Individual customers are responsible for any changes to listings appearing in other directories. Each customer is responsible for telephone numbers appearing in any display advertising.

**10. When will telephone numbers with the new area code be available?**

Telephone numbers with the new area code are available after the implementation of the area code change is completed.

**11. Will the area code change be implemented immediately?**

No. Typically the area code relief process takes at least one year before the new area code is ready for implementation.

**12. Will the way I dial my calls i.e., dialing procedure, change?**

No, if an area code split is implemented.

Yes, if an area code overlay is implemented. Individuals must dial 1 + the area code and the telephone number for all calls. All local calls, whether made to a telephone on the same block, next door or within the same house, must dial 1 + the area code and the telephone number.

**13. Why do I have to dial 1 + the area code and then the telephone number?**

The Federal Communications Commission (FCC) requires dialing the area code + telephone number for all calls where an area code overlay exists. The FCC believes that this would maximize numbering resource optimization, minimize anti-competitive effects due to dialing disparities, and avoid customer confusion.

Dialing the "1" before the telephone number signals to the telephone company routing system that your call will be going outside the area code rather than to a prefix within your area code. Use of the additional "1" allows your call to be transmitted in the most expeditious way possible.

**14. Will there be a change in how I dial emergency calls to 9-1-1?**

No. individuals can still just dial only three digits to reach 9-1-1. No additional digits will be required to make emergency calls.

**15. Will there be a change in how I dial other N-1-1 phone numbers?**

No. Individuals can still just dial only three digits to call N-1-1 phone numbers such as 211, 311, 411, 511, 611, and 711.



**16. What can individuals do to prepare, if the CPUC decides to implement an area code split?**

If you will receive a new area code,

- Reprogram any equipment or features i.e., automatic dial, speed-dial, call forwarding, modems for computer or internet dial-up access, etc., that use a telephone dialer.
- Update items like stationary, checks, etc. to include the new area code
- Advise families, friends, etc. to dial the new area code.
- When asking for someone else's number, remember to ask for the area code too.
- Check with your service provider if manual or over-the-air reprogramming of your cell phone is needed to account for the new area code.

**17. What can individuals do to prepare, if the CPUC decides to implement an area code overlay?**

- Contact security or alarm vendors, to update dial-up numbers to avoid a break in security routines and contacts.
- Reprogram equipment or features i.e., automatic dial, speed-dial, call forwarding, modems for computer or internet dial-up access etc., programmed to dial seven digits to dial "1" + area code + telephone number.
- Update items like stationary, checks, etc., to include your area code + telephone number.
- Start thinking of dialing 1 + the area code + telephone number for all calls.
- Advise families, friends etc., to dial 1 + the area code + telephone number for all calls.
- Provide your area code + telephone number, not just the telephone number, as needed.
- When asking for someone else's number, remember to ask for the area code too.
- Remember that the previous area code and the new area code will co-exist within the same geographic region.

**18. What can businesses do to prepare, if the CPUC decides to implement an area code overlay?**

- Notify alarm service providers of the appropriate area code + telephone number(s) so alarm service records and equipment can be updated as needed.
- Ensure security door and gate systems are reprogrammed to dial "1" + area code + telephone number.
- Reprogram any call-forwarding, automatic-dial or speed-dial features to dial "1" + area code + telephone number.
- Test telephone equipment to determine if it can dial and receive "1" + area code + telephone number. Questions regarding changes in telephone equipment should be directed to telephone equipment vendors.



- Update items like stationary, checks, business cards, advertisements, promotional items, brochures, internet web pages, catalogs etc., to include your area code + telephone number.
- Teach employees, coworkers, customers etc., to dial the area code + telephone number for all calls.
- Provide your area code + telephone number to your business contacts, not just the telephone number.

**19. Who is responsible for costs incurred to update customer phone equipment, advertising materials, etc., if necessary.**

Individual consumers are responsible for these costs.

**20. Will the cost of a call differ because of the area code change?**

No.

**21. Will calls between a telephone number with the new area code and a telephone number with the old area code be considered a long distance call?**

Calls that were local before the area code change will remain local calls. The distance, time of day, and length of a call determine the price of a call.

**22. If I dial a "0" before the area code + telephone number, will there be special charges for that call?**

It is possible for there to be special charges if an individual dials a "0" before the area code + telephone number. There may be special operator-assisted rates or credit card rates for this type of a call. It depends on your telecommunications service provider. Check with your service provider for additional information.

Modified 3-10-2008



# Area Code and Numbering Glossary

**Administrative Numbers:** Numbers that perform specific administrative functions with the qualification that these numbers cannot be assigned to customers. These numbers can be employee/official numbers, Location Routing Numbers, test numbers, Temporary Local Directory Numbers (TLDN), wireless E911 emergency service routing digits/key (ESRD/ESRK) numbers, and soft-dial tone numbers. These can also be numbers used by carriers to perform internal administrative or operational functions necessary to maintain reasonable quality of service standards.

**Aging Numbers:** Disconnected numbers that are not available for assignment to another end-user or customer for a specified period of time

**Area Code:** The first set of three digits of a telephone number. Also referred to as a numbering plan area or NPA.

**Area Code Exhaust:** Exhaust occurs when there are no longer any central office codes or prefixes available for assignment within an area code.

**Area Code Split:** A form of an area code change where by a geographical region is divided into multiple regions with different area codes. Only one area code will be associated with a particular region.

**Area Code Overlay:** A form of an area code change where by a geographical region will have multiple area codes co-existing in the same region.

**Assigned Numbers:** Numbers working in the Public Switched Telephone Network under an agreement such as a contract or tariff at the request of specific customers for their use, or as numbers not yet working but having a customer service order pending.

**Available Numbers:** Numbers within existing central office codes (NXX) or thousand-blocks (NXX-X) that are available for assignment to subscriber access lines or their equivalents within a switching entity/point of interconnection (POI) and are not categorized as assigned, intermediate, administrative, aging or reserved.

**Central Office Code (CO Code):** The second set of three digits of a telephone number also referred to as a prefix. Central office codes are in the form "NXX." Central office codes are assigned to rate centers.

**Contamination:** Contamination occurs when telephone numbers within a block are not available for assignment.

**Contamination Level:** The level at which a thousand-block or NXX code has telephone numbers that are no longer considered as being assigned to end-users. It is calculated by dividing the sum of assigned, intermediate, reserved, aging, and administrative numbers by the total numbering resources within the thousand-block or NXX code, and multiplying the result by 100.

**Contamination Threshold:** The contamination level upon which eligibility of thousand-block donations or returns are based. The contamination threshold is currently at 10%.

**Footprint Thousand-Block:** A telecommunications carrier's initial thousand-block in a rate center.

**Intermediate Numbers:** Numbers that are made available for use by another carrier or non-carrier entity for the purpose of providing telecommunications service to an end-user or customer. Numbers provided for use by resellers, numbers in dealer numbering pools, numbers preprogrammed into customer premises equipment offered for retail sale, and numbers assigned to messaging telecommunications companies. Numbers controlled or made available to an end-user or customer by a carrier or non-carrier entity other than the code or block holder, and exclude all numbers assigned to end-user customers of code or block holders.

**Location Routing Number:** A unique 10-digit number that serves as a network address and is assigned to each central office code to identify each switch or point of interconnection in the network.



# Area Code and Numbering Glossary

**NeuStar Number Pool Administration:** The administration that is responsible for the administration and assignment of thousand-blocks to Local Number Portability (LNP)-capable telecommunications companies in rate centers where thousand-block number pooling occurs. It processes thousand-block applications, returns, and donations.

**North American Numbering Plan (NANP):** A numbering architecture in which every station in the NANP area is identified by a unique 10-digit address consisting of an area code, central office code, and subscriber line number.

**North American Numbering Plan Administration (NANPA):** The group that is responsible for coordinating and administering the North American Numbering/Dialing Plans. The FCC currently contracts with Neustar for numbering plan administration.

**Numbering Categories:** Categories in which telephone numbers are identified. There are six categories of telephone numbers. They are assigned, intermediate, reserved, aging, administrative, and available.

**Numbering Plan Area (NPA):** The first set of three digits of a telephone number, commonly known as the area code.

**Numbering Resource Utilization and Forecast Report (NRUF Report):** A semi-annual report demonstrating the forecast and utilization information to monitor and project area code and NANP exhaust.

**NXX Code:** A block of 10,000 telephone numbers; represented by the second set of three digits of a telephone number. Also referred to as a prefix.

**Prefix:** The second set of three digits of a telephone number. Also referred to as NXX code.

**Point of Interconnection (POI):** The physical location where a telecommunications carrier's connecting circuits interconnect for the purpose of interchanging traffic on the Public Switched Telephone Network.

**Rate Boundary:** Border between one rate center and another.

**Rate Center:** The smallest geographic area used to distinguish rate boundaries. A rate center is a geographic area containing one or more wire centers, used as the basis to define local and toll-calling areas. When communities were smaller, the rate center was the center of each community's greatest concentration of population, such as the post office or other centrally located points. As communities grew and population centers changed, planners connected large population centers by drawing vertical and horizontal lines across a map of the United States. When the vertical and horizontal lines intersected, a rate center was identified. The distance between rate centers was measured in airline miles. The mileage is used for determining local versus ZUM calls, local-toll calls, and long distance toll calls. All local and long distance telephone companies in the United States use rate centers to calculate the rates that are charged for telephone calls. For purposes of central office code assignments and relief planning the rate centers are a major component in an area code.

**Reserved Numbers:** Numbers held by telecommunications companies at the request of specific end-user customers for their future use. The purpose of having reserved numbers is to give prospective clients some assurance that numbers with the characteristics those customers are seeking will be available to them in the near future.

**Stranded Telephone Numbers:** Telephone numbers that cannot be shared amongst telecommunications carriers.

**Subscriber Line Number:** The last four digits of a telephone number.

**Thousand-Block:** A block of one thousand telephone numbers.

**Thousand-Block Donation:** A process for donating thousand-blocks that were allocated to telecommunications companies by NANPA.

# Area Code and Numbering Glossary

**Thousand-Block Number Pooling:** A system that divides a central office code into ten sequential blocks of one thousand numbers and allocates telephone numbers in blocks of one thousand numbers. This system allows multiple telecommunications companies to share the ten thousand-blocks in a central office code.

**Thousand-Block Return:** A process for returning thousand-blocks that were allocated to telecommunications companies by the NeuStar Number Pool Administration.

**Utilization Level:** The level at which telecommunications companies are using the telephone numbers allocated to them. The utilization level is calculated by dividing all assigned numbers by the total numbering resources, and multiplying the result by 100.

**Utilization Threshold:** The utilization level that telecommunications companies must meet before receiving growth numbering resources. Currently, the utilization threshold is at 75%.

**ZUM (Zone Usage Measurement):** is how telecommunications service providers distinguish local from long distance service. ZUM usually includes a 13 mile radius from the point of origination. ZUM is divided into ZUM1 (12-13 mile radius), ZUM2 (14-15 mile radius), and ZUM3 (15-16 mile radius).

## COMMENT FORM

## 619 and 858 Area Code Local Jurisdiction and Public Meetings

**\_\_San Diego: 10/4/2016, 1 p.m.    \_\_Solana Beach: 10/4/2016, 6 p.m.**

Pine Valley: 10/5/2016, 11 a.m.

**Please check above which meeting you are attending and please provide the following information:**

Name (please print): \_\_\_\_\_

City: \_\_\_\_\_

**A. Are your comments presented on your own behalf or on behalf of an organization?**

[ ] On my own behalf

☐ On behalf of the following organization: \_\_\_\_\_

**B. Which area code relief option do you prefer? Please check one below.**

## Overlay

[ ] 619 and 858 “Boundary-Elimination” Overlay

619 and New Area Code Overlay

[ ] Split

### C. How can the impacts of adding a new area code be minimized for you?

Please provide any comments here and feel free to continue your comments on the back of this page.

This image shows a blank sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

**WHERE TO SEND WRITTEN COMMENTS:**

California Public Utilities Commission

Public Advisor's Office

320 W. 4<sup>th</sup> Street, Suite 500

Los Angeles, CA 90013

**Email:** [public.advisor@cpuc.ca.gov](mailto:public.advisor@cpuc.ca.gov)

**Tel: (866) 340-6147**

**Thank you.**

**We appreciate your thoughts, comments and opinions.**

# ATTACHMENT G

## COMMENT FORM

### 619 and 858 Area Code Local Jurisdiction and Public Meetings

☒ San Diego: 10/4/2016, 1 p.m. ☐ Solana Beach: 10/4/2016, 6 p.m.

☐ Pine Valley: 10/5/2016, 11 a.m.

Please check above which meeting you are attending and please provide the following information:

Name (please print): Miriam Plotkin

City: La Mesa, CA

**A. Are your comments presented on your own behalf or on behalf of an organization?**

- ☒ On my own behalf  
☐ On behalf of the following organization: \_\_\_\_\_

**B. Which area code relief option do you prefer? Please check one below.**

- Overlay  
☒ 619 and 858 "Boundary-Elimination" Overlay  
☐ 619 and New Area Code Overlay  
☐ Split

**C. How can the impacts of adding a new area code be minimized for you?**

Please provide any comments here and feel free to continue your comments on the back of this page.

I do object to the Overlay choice, as it will greater  
affect anyone with trouble dialing, such as  
Elderly  
Challenged/disabled, those with shaking fingers  
Those in a hurry

Current phones do NOT have Area Code automatic, as promised in 1999.

There ARE other alternatives, such as much slower  
implementations in areas.

I strongly object to the limited months to implement -  
one year is barely enough to recall & tell others  
the new numbers.

**WHERE TO SEND WRITTEN COMMENTS:**

California Public Utilities Commission  
Public Advisor's Office  
320 W. 4<sup>th</sup> Street, Suite 500  
Los Angeles, CA 90013

Email: [public.advisor@cpuc.ca.gov](mailto:public.advisor@cpuc.ca.gov)

Tel: (866) 340-6147

Thank you.

We appreciate your thoughts, comments and opinions.

## COMMENT FORM

### 619 and 858 Area Code Local Jurisdiction and Public Meetings

☒ San Diego: 10/4/2016, 1 p.m.    ☐ Solana Beach: 10/4/2016, 6 p.m.

☐ Pine Valley: 10/5/2016, 11 a.m.

Please check above which meeting you are attending and please provide the following information:

Name (please print): Josh Strohminger

City: San Diego

A. Are your comments presented on your own behalf or on behalf of an organization?

☒ On my own behalf

☐ On behalf of the following organization: \_\_\_\_\_

B. Which area code relief option do you prefer? Please check one below.

Overlay

☒ 619 and 858 "Boundary-Elimination" Overlay

☐ 619 and New Area Code Overlay

☐ Split

C. How can the impacts of adding a new area code be minimized for you?

Please provide any comments here and feel free to continue your comments on the back of this page.

Seems like a good idea to deal with the problem.

#### WHERE TO SEND WRITTEN COMMENTS:

California Public Utilities Commission

Public Advisor's Office

320 W. 4<sup>th</sup> Street, Suite 500

Los Angeles, CA 90013

Email: [public.advisor@cpuc.ca.gov](mailto:public.advisor@cpuc.ca.gov)

Tel: (866) 340-6147

Thank you.

We appreciate your thoughts, comments and opinions.



## COMMENT FORM

### 619 and 858 Area Code Local Jurisdiction and Public Meetings

San Diego: 10/4/2016, 1 p.m. Solana Beach: 10/4/2016, 6 p.m.

Pine Valley: 10/5/2016, 11 a.m.

Please check above which meeting you are attending and please provide the following information:

Name (please print): Steve Chen

City: San Diego

**A. Are your comments presented on your own behalf or on behalf of an organization?**

☐ On my own behalf

☒ On behalf of the following organization: City of San Diego, Police Dept.

**B. Which area code relief option do you prefer? Please check one below.**

Overlay

☐ 619 and 858 "Boundary-Elimination" Overlay

☐ 619 and New Area Code Overlay

☐ Split

**C. How can the impacts of adding a new area code be minimized for you?**

Please provide any comments here and feel free to continue your comments on the back of this page.

Will there be any impact to PSAP?

schen@pd.sandiego.gov

**WHERE TO SEND WRITTEN COMMENTS:**

California Public Utilities Commission

Public Advisor's Office

320 W. 4<sup>th</sup> Street, Suite 500

Los Angeles, CA 90013

Email: [public.advisor@cpuc.ca.gov](mailto:public.advisor@cpuc.ca.gov)

Tel: (866) 340-6147

Thank you.

We appreciate your thoughts, comments and opinions.

# EXHIBIT F

November 18, 2016

To: All 619 and 858 NPA Code Holders and Other Industry Members (California)

Subject: Final Minutes of 619 NPA Relief Planning Meeting

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Attached are the final minutes from the November 10, 2016, CA 619 NPA follow up relief planning meeting.

Please feel free to contact me on 571-434-5690 or via email at the address below.

Sincerely,

Joseph R. Cocke  
Senior NPA Relief Planner  
NANPA  
e-mail: [joe.cocke@neustar.biz](mailto:joe.cocke@neustar.biz)

CC: Joanne Leung – CA PUC Staff



**CALIFORNIA – 619 and 858 NPA  
FOLLOW UP RELIEF PLANNING MEETING  
VIA CONFERENCE CALL  
FINAL MINUTES  
November 10, 2016**

**WELCOME, INTRODUCTIONS & AGENDA REVIEW**

Joe Cocke, Senior NPA Relief Planner–NANPA, welcomed the participants and reviewed the objective of the meeting. A list of attendees can be found in Attachment #1.

Joe then reviewed the purpose of the meeting was for the industry to review the CPUC's Report on the public input received at the 619 and 858 NPA Local Jurisdiction and Public Meetings held October 4-5 as well as approve the draft application for relief. Joe noted the CPUC has presented the Split alternative to the public, as a comparison even though the projected lives do not meet the INC guidelines.

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

Joe stated that the ATIS (Alliance for Telecommunications Industry Solutions) approved industry consensus process would be followed. He reviewed the consensus process and explained how consensus is determined. In addition, Joe 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.

**RELIEF PLANNING RE-CAP**

Joe provided a recap of the relief planning process so far for the CA 619 NPA:  
Initial Relief Planning Meeting conducted on January 20, 2016  
Final minutes published on February 10, 2016.  
Local Jurisdiction and Public Meetings held October 4 and 5, 2016.

**REVIEW OF CPUC STAFF REPORT ON PUBLIC MEETINGS**

Joe provided an overview of the CPUC Staff's report on the local jurisdiction and public meetings:

In preparation of the public meetings notices were sent in customers' bills; the CPUC sent letters to 181 local jurisdictions including local, state and federal elected officials, police and fire agencies, the highway patrol and the chambers of commerce. A news release was provided plus the meeting schedule was posted on the CPUC website.

Three local jurisdiction and public meetings were held in San Diego, Solana Beach and Pine Valley on October 4 and 5, 2016. The history of the NPAs, the effects of NPA changes and the implementation process of a new NPA was discussed in the meetings. The industry's recommended relief plan was presented along with maps of the 619 and 858 NPAs. Meeting attendees were encouraged to write their comments and concerns.

The CPUC Staff's report on the meetings includes the customer notices, news release, letter to the local jurisdictions, meeting handout package with maps, Basics of Area Code Relief Planning, Frequently Asked Questions about Area Code Changes, the staff's power-point presentation and comments forms.

There were four members of the public and three local jurisdictions represented at the San Diego meeting; no members of the public or local jurisdictions attended the meetings in Solana Beach or Pine Valley.

Fourteen verbal and written comments were received at the public meeting and/or via emails sent to the CPUC Public Advisor's Office. Of the fourteen comments, two opposed the boundary elimination overlay, and one supported the boundary elimination overlay; eight were concerned whether they would have to change their phone numbers and area codes. The staff's report will be an exhibit to the application for relief filed by NANPA.

### **619 and 858 NPA STATUS**

Joe informed participants that the October 26, 2015 Number Resource Utilization Forecast ("NRUF") projected the 619 NPA to exhaust during the 1<sup>st</sup> quarter 2019. However, the October 2016 NRUF now projects the 619 NPA to exhaust during 4<sup>th</sup> quarter 2018.

Joe provided a read-out of the updated monthly CO Code Assignment Activity for the California 619 NPA. He reported as of November 9, 2016 there were 71 NXX codes available for assignment, 713 assigned NXX codes, and 16 unavailable NXX codes which are as follows: Eight N11s, and the other standard UAs, 555, 570, 619, 700, 935, 958 and 959. Year to date there has been twenty two codes assigned.

Joe also reported for the 858 NPA, as of November 9, 2016 there are 367 NXX codes available, 415 assigned codes and 18 unavailable codes. Year to date there has been nine codes assigned. The 858 NPA projected exhaust is still beyond thirty years.

### **619 NPA NUMBER POOLING INFORMATION**

Cecilia McCabe, Neustar – Number Pooling Implementation Manager, reported that in the 619 NPA pooling commenced on October 27, 2001, there are 11 rate centers (RCs), all 11 RCs are mandatory pooling. In the period of November 1, 2015 to November 9, 2016, 264 blocks have been assigned in the 619 NPA, and as of 11/9/16 there are 87 blocks available for assignment to service providers. Pooling has assigned 23 codes in the same period, 22 for pool replenishment, 0 for dedicated customers and 1 for LRNs. The forecasted need for the next twelve months is 30 codes for pool replenishment and dedicated customers and none for LRNs.

## **INDUSTRY RECOMMENDED RELIEF ALTERNATIVE**

### **ALTERNATIVE #1 – NPA BOUNDARY ELIMINATION OVERLAY**

The boundary between the existing 619 and 858 NPA codes would be eliminated and the 619 and 858 NPAs would be assigned to the same geographic areas occupied by the existing 619 and 858 NPAs. The 619 NPA and 858 NPA customers would retain their current telephone numbers; however, 1 plus ten-digit dialing for all calls by all customers within and between the 619 and 858 NPAs in the affected area would be required. Central office codes in the 858 overlay NPA will be assigned upon request in the 619 area with the effective date of the new area code boundary and 619 NPA central office codes would be assigned upon request in the 858 NPA area. There are eight rate centers in the 858 NPA with a forecasted exhaust of more than 30 years; eliminating the boundary to include the 619 NPA area would result in a projected life of approximately 17 years before additional relief would be required. The inclusion of the 619 and 858 area codes in an overlay would bring uniform dialing to San Diego City and County since the county and a small portion of the city are already in the 760/442 NPA overlay complex which already has 1+10-digit dialing. Additionally, this would conserve the supply of NPAs and avoid the need to introduce a new area code to San Diego at this time.

Other Alternatives presented at Public Meetings:

### **ALTERNATIVE #2 – ALL SERVICES OVERLAY**

A new area code would be assigned to the same geographic areas occupied by the existing 619 NPA. The 619 NPA customers would retain their current telephone numbers; however, 1 plus ten-digit dialing for all calls by all customers within and between the 619 NPA and the new NPA in the affected area would be required. Central office codes in the new overlay NPA will be assigned upon request in the 619 area with the effective date of the new area code. At exhaust of the 619 NPA all future NXX code assignments will be made from the new overlay area code. The all services overlay would result in a projected life of approximately 27 years before additional relief would be required.

Alternative # 2 may be simpler for just the 619 NPA customers, but would still leave a portion of the City of San Diego and San Diego County in the 858 NPA with inconsistent dialing from the rest of the city and county. Alternative # 2 would require opening up a new area code for San Diego.

**The overlay is the only method of relief that will meet the requirements set forth in the INC NPA Relief Planning and Notification Guidelines.**

### **SPLIT ALTERNATIVE PRESENTED BY CPUC**

In a geographic split a line is drawn along rate center boundaries and a new NPA code would be assigned to one side of the line and the other side would retain the existing 619

NPA. Customers would retain their current 7-digit dialing in each of the area codes, but 1 + ten-digit local dialing would be required between NPAs.

The CPUC staff presented a split at the public meetings. This alternative splits the San Diego: San Diego DA and National City rate centers (Area B) from the remaining rate centers (Area A). The projected lives of the two areas are 20 years for Area B and 36 years for Area A with a difference of 16 years. This split does not meet the criteria set forth by the INC guidelines. It also would split the cities of San Diego, Lemon Grove, Chula Vista and National City.

Joe stated that according to the INC guidelines, severe imbalances of more than ten years in NPA lifetimes are to be avoided. If this NPA were to be split it would result in severe imbalances of 16 years, well beyond the more than 10 year limit of the guidelines which is to be avoided. Therefore, this alternative would not meet the criteria of the guidelines and is not presented by NANPA as a viable relief alternative. If the CPUC decides on this alternative it would be referred to the FCC for review and approval.

#### **CONSENSUS ON RELIEF ALTERNATIVE RECOMMENDATION**

Joe stated that at the January 20, 2016 relief planning meeting the industry reached consensus to recommend Alternative #1, the boundary elimination overlay alternative, to the California Public Utilities Commission (“PUC”) as the industry’s choice of relief for the 619 NPA.

#### **DIALING PLAN (ALTERNATIVE # 1)**

The following represents the current uniform dialing plan for overlays in California:

##### **Overlay Dialing Plan for Alternative # 1:**

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	HNPA or FNPA	0+10-digits (0+NPA-NXX-XXXX)

#### **REVIEW OF IMPLEMENTATION SCHEDULE**

It was noted the October 2016 NRUF exhaust forecast for the 619 NPA is now 4Q2018; also that the start of mandatory dialing should avoid major holiday periods such as Thanksgiving, Christmas and New Year’s. Interval dates, start of permissive dialing and mandatory dialing, will occur during non-business hours, usually early Saturday mornings. Joe mentioned the INC guidelines state that NANPA should recommend that mandatory dialing starts 6-months prior to the forecasted exhaust.

#### **IMPLEMENTATION ISSUES**

At the January 20, 2016 meeting the industry also agreed to recommend to the Commission a 13-month implementation schedule for implementation of the overlay

without specific interval dates and to allow the industry to select the interval dates once an order is issued.

### **STATEMENTS FOR THE RECORD**

An industry member suggested and consensus was reached to replace the previous consensus statement from the January 20, 2016 meeting addressing customer education with the following statement and joint customer education plan/timeline chart to be incorporated into the application:

The Industry has successfully implemented 6 overlays in California and more than 30 other overlays within the United States over the last 10 years. Fundamental to that success has been the collective recognition that customer education is a key requisite when establishing any new area code. To that end, the Industry has worked in close collaboration to ensure successful relief implementations through both individual and joint customer education efforts.

The Industry has proven itself equally successful in educating consumers both in California's 6 existing overlays and consumers in the 30 overlays successfully implemented in other states. Outside of California, success has been achieved without using paid advertisement (e.g. newspaper, TV and radio announcements), and without the funding elements specifically required by the California Public Utilities Commission for California overlays. Instead, the Industry's individual and joint customer education efforts were effective in educating customers about the dialing changes and the new overlay area codes, without any significant complaints from customers when the Industry used its voluntary and collaborative but "unfunded" model for customer education.

The Industry remains convinced that an order to fund specific Public Education Program (PEP) elements in California is not necessary. We are mindful that the Commission has rejected past requests to eliminate a funded PEP, remaining unpersuaded that the Industry's education model used in other states will ensure a successful relief implementation without the specific oversight and rigor of a funded PEP. Acknowledging the Commission's reluctance to abandon its entire PEP model, the Industry proposes that the Commission adopt the proposed modified joint customer education plan outlined below. The outlined plan would allow the Industry to voluntarily work together as a committee to develop joint customer education materials and methods, including the use of social media as necessary. Individual carriers remain ultimately responsible for educating their own customers, but the Industry agrees to utilize the following joint customer education plan, which contains most of the education milestones historically required in California's approved PEPs. The proposed modified plan conforms to and exceeds the education and notice requirements in the California PU Code 7931. Notably, the outlined joint customer education plan refrains from ordering task-specific funding as has been ordered in previous California area code relief plans.

The CPUC should grant this requested modification now recognizing that the oddity of area code relief and the requirement for 10-digit dialing in overlay decisions has significantly waned in the preceding years, and keeping in mind that at least 8 other

area code relief implementations will need to occur within the next 5 years in California alone. The Industry believes modification now will improve the efficiency and reduce the complexity of future area code relief PEPs.

#### Joint Customer Education Plan

<b>Description</b>	<b>Shared or Individual Service Provider Effort</b>	<b>To Be Completed By</b>
Effective date of Decision approving the 619/858 boundary elimination overlay	CPUC	At least 13 months prior to the earliest new 858 NPA central office code activation date in the 619/858 overlay area
NANPA 619/858 boundary elimination overlay implementation meeting for industry to establish implementation committee and implementation dates	NANPA and industry	2 weeks after date of Decision
Begin network preparation for permissive dialing, and begin preparation of customer education materials.	Individual and Shared	6 months prior to the start of permissive dialing
Distribute overlay information internally as a job aid for customer service representatives to answer customer questions. Representatives should not need to refer questions to the CPUC.	Individual	90 days prior to the start of permissive dialing
Update industry websites and/or social media sites with overlay information.	Individual	90 days prior to the start of permissive dialing
Update directories; add boundary elimination overlay information to alert customers in the 619 and 858 area codes	All service providers that publish directories	Ongoing as directories are published through the effective date of the boundary elimination
Provide targeted letters with the information in Customer Notification #1 to 619 and 858 NPA alarm and safety associations, PSAPs, coin-operated pay telephone providers, telephone directory publishers, and California Relay Services. Request that these organizations distribute the information to their members.	Shared	60 days prior to the start of permissive dialing

Customer Notification #1: Provide the boundary elimination overlay details to customers in 619 and 858 NPAs. Include information about 1 + 10-digit dialing, the affected area, the key dates, and how customers should prepare for the boundary elimination overlay.	Individual	30 days prior to the start of permissive dialing
Issue press release(s) describing the boundary elimination overlay and its geography boundaries, the key implementation dates, the dialing change, and how customers should prepare for the boundary elimination overlay.	Shared	1 week prior to the start of permissive dialing
Begin Permissive Dialing		Approximately 6 months after the start of network preparation
Provide targeted letters with the information in Customer Notification #2 as a reminder to 619 and 858 NPA alarm and safety associations, PSAPs, coin-operated pay telephone providers, telephone directory publishers, and California Relay Services. Request that these organizations distribute the reminder information to their members.	Shared	60 days prior to the start of mandatory dialing
Customer Notification #2. Provide the boundary elimination overlay details to customers in 619 and 858 NPAs. Include information about 1 + 10-digit dialing, the affected area, the remaining key implementation dates, and how customers should prepare for the boundary elimination overlay.	Individual	30 days prior to the start of mandatory dialing
Complete implementation of recorded message announcing mandatory dialing	Individual	30 days prior to the start of mandatory dialing
Issue press release(s) describing the boundary elimination overlay's 1+10-digit dialing requirement and its geographic boundaries, the remaining key implementation dates (e.g. the mandatory dialing date) and how customers should prepare for the boundary elimination overlay.	Shared	1 week prior to the start of mandatory dialing
Begin Mandatory Dialing		Approximately 6 months after the start of Permissive Dialing

Boundary elimination effective date. Central office codes from the 858 NPA are available for assignment in the former 619 geographic area, and central office codes from the 619 NPA are available for assignment in the former 858 geographic area; implementation is complete.		Approximately 1 month after the start of Mandatory Dialing
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### **ADDITIONAL STATEMENTS FOR THE RECORD**

There were no additional statements for the record.

### **REVIEW OF DRAFT APPLICATION**

The industry reviewed and approved the draft application with several changes plus the addition of the above consensus statement on customer education and implementation timeline. NANPA will file the application with the California Public Utilities Commission in the near future.

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

Consensus was reached that the draft minutes resulting from this meeting and the updated draft filing will be distributed to the industry no later than November 14, 2016. Any changes or corrections are to be sent to Joe Cocke via email no later than November 18, 2016, after which they become final.

Adjourned

# # #

These minutes became final with minor changes on November 18, 2016.



<b>NAME</b>	<b>COMPANY</b>
George Guerra	AT&T
Micki Burton	AT&T
Barbara Croft	AT&T
Jerome Candelaria	CCTA
Margaret Cox	CenturyLink
Rita Schmitz	CenturyLink
Allyson Blevins	Charter
Esther Northrup	Cox
Joanne Leung	CPUC
Jeanne Bell	Electric Lightwave
Bernie Gines	Frontier
Joe Cocke	NANPA Relief Planning
Wayne Milby	NANPA Relief Planning
Al Cipparone	NANPA
Beth Sprague	NANPA
Cecilia McCabe	Neustar Pooling Implementation
Shaunna Forshee	Sprint
Kyeva Keith	T-Mobile
Laura Dalton	Verizon
Yun Lee	Verizon
Dana Crandall	Verizon Wireless