



September 25, 2018

Ms. Carlotta S. Stauffer
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399

Dear Ms. Stauffer,

On July 25, 2018, the Florida Public Service Commission (Commission) issued Order No. PSC-2018-0364-PCO-TL in Docket 20180118-TL. In this order, the Commission ordered the North American Numbering Plan Administrator (NANPA) to notify the Commission of the proposed implementation date for the 689 NPA overlay.

Please find attached to this notice:

- Planning Letter 519 which lists the dates for the start of network preparation and customer education, completion of network preparation and customer education and the in service date of the 689 NPA.
- The final meeting minutes from the August 23, 2018 Initial Implementation Meeting.

If you have any questions, please feel free to contact me at 571-434-5765 or via email heidi.wayman@team.neustar.

Sincerely,

A handwritten signature in black ink that reads "Heidi Wayman". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Heidi Wayman
NPA Relief Planner – NANPA

Cc: Greg Fogleman – Florida PSC
Sakina Deas – Florida PSC
Richard L. Fruchterman III - NANPA

Number: PL-519
 Date: September 13, 2018
 Subject: NPA 689 to Overlay 407 and 321 NPAs (Florida)
 Related Previous Planning Letters: 325 323 168 IL87/03-033

General Description

On July 25, 2018 the Florida Public Service Commission in Order No. PSC-2018-0364-PCO-TL in Docket No. 20180118-TL, ordered to lift the suspension of the 689 NPA overlay of the 407/321 NPA. The area served by the 407/321 NPA currently services Orange, Osceola, Seminole Counties and parts of Lake and Volusia Counties in Central Florida. The rate centers for the 407 NPA are as listed: Apopka, Celebration, East Orange, Geneva, Kenansville, Kissimmee, Lake Buena Vista, Montverde, Orlando, Oviedo, Reedy Creek, Sanford, Saint Cloud, Windermere, Winter Garden, Winter Park and West Kissimmee.

On March 25, 2002, in Order No. PSC-2002-0405-FOF-TL, the Commission directed all assignments of NXX codes in the 321 NPA in Orange, Osceola, Seminole Counties, and parts of Lake and Volusia Counties be frozen and the remaining CO codes in the 321 NPA are only to be used in Brevard County. The rate centers for the 321 NPA are as listed: Cocoa, Cocoa Beach, Eau Gallie, Melbourne and Titusville.

Implementation of Relief Plan

Implementation of the 689 NPA is as follows:

	Date
Start of Network Preparation and Customer Education	October 4, 2018
Completion of Network Preparation and Customer Education	May 4, 2019
Earliest new NPA central office code activation date*	June 4, 2019
Earliest date central office codes in the new 689 NPA may be ordered through NANPA	March 30, 2019

* In service Date of the New 689 NPA Overlay.

Central Office Code Listings and NPA Maps

A rate center map of the 407/321/689 NPA overlay is attached. Since NXX information may change over time, please consult the NANPA website at www.nanpa.com, iconectiv's LERG Routing Guide or the NPA NXX Activity Guide for updated information. Information in the LERG Routing Guide and NPA NXX Activity Guide is available by license contract from Telecom Routing Administration, at 732-699-6700.

Dialing Plan

Ten-digit dialing is already in place for this area, no permissive 10-digit dialing period is necessary.

The dialing plan for the 407/689 NPAs will be as follows:

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

Network Testing

All international and domestic carriers should ensure that the new 689 NPA has been activated throughout their networks prior to June 4, 2019. The test number to verify the routing to the 689 NPA will be in service beginning March 4, 2019 through July 4, 2019. The test number to verify the routing to the 689 NPA is: 689-689-1689. A recorded announcement will indicate the test call has been successfully completed.

General Information

The information in this planning letter reflects detailed information about NPA relief activities. The information has been derived from commission orders and from industry implementation decisions. The implementation of the plan described in this letter is the responsibility of individual service providers, and NANPA does not guarantee that the activities and plans will occur exactly as described herein.

Contact Information

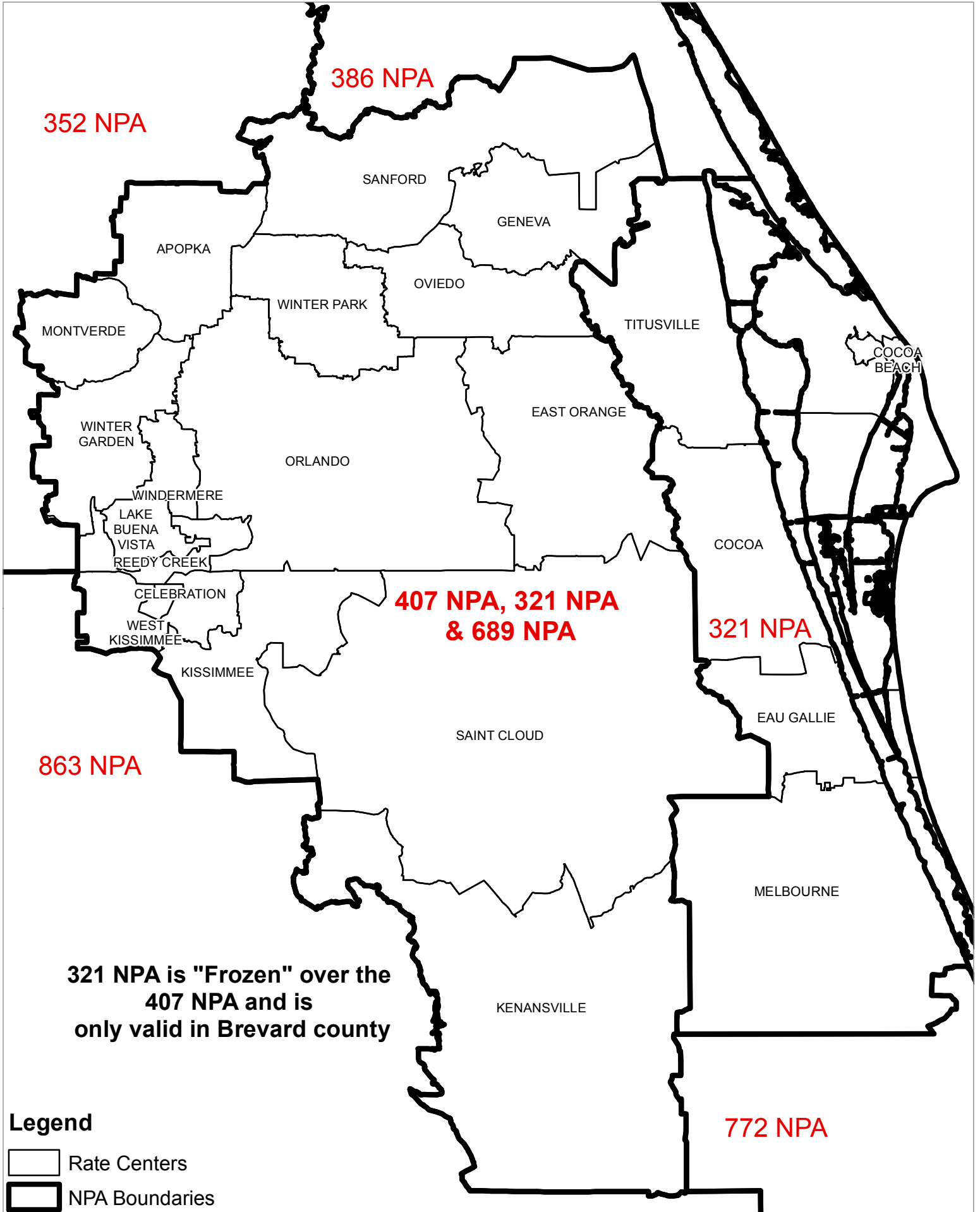
General questions regarding the relief of the 407/321 NPA should be directed to Heidi Wayman - NANPA, on 571-434-5765. Questions of a technical nature should be directed to the NPA coordinator of the appropriate service provider.

Attached is a list of service provider and contact information that is provided to assist in the implementation of the relief plan described herein. Because this information is subject to change, NANPA cannot guarantee the completeness or the accuracy of the attached list.

SERVICE PROVIDER CONTACTS:

NAME	COMPANY	TELEPHONE	E-MAIL
Donny McKinnies	365 Wireless	678-916-0624	donny@365wireless.net
Frank Diaz	ABC Paging City Beepers	305-220-6979	albert@abcpaging.net
Sharon Warren	Airespring	407-740-3005	swarren@inteserra.com
Roseann Kendall	Airus	3128784160	rkendall@airustel.com
Norman Lee	American Messaging	972-353-1835	norman.lee@americanmessaging.net
Sharon Poer	AT&T	205-969-6975	sp1441@att.com
Micki Burton	AT&T	415-417-5026	MB1469@att.com
Robert Brezina	Bandwidth.Com	919-297-1072	rbrezina@bandwidth.com and codeadmin@bandwidth.com
Kim Campbell	Birch Communications	478-405-3832	kim.campbell@birch.com
Steve Lance	BluIP, Inc.	702-690-4420	slance@bluip.com
Rita Schmitz	CenturyLink	608-796-5600	Rita.schmitz@centurylink.com
Margaret Cox	CenturyLink	252-641-3384	Margaret.cox@centurylink.com
Allyson Blevins	Charter	314-394-9852	allyson.blevins@charter.com
Shannon Suppa	Choice One	585-530-2849	SSUPPA@ELNK.com
Bryan Medina	Comcast	303-372-1313	Bryan_Medina@cable.comcast.com
Douglas Osborne	Exiant Communications (Local Access)	570-709-5525	dosborne@exiantcom.com
Bryan Bethea	Inteliquent	312-380-4549	bryan.bethea@inteliquent.com
Joani O'Neill	Inteliquent	406-496-6522	joani.oneill@inteliquent.com
Kathy Michaud	Level 3	972-759-9125	Kathy.michaud@level3.com
Rebecca Jefferson	MetroPCS	813-830-5542	Rebecca.Jefferson@T-Mobile.com
Melissa O'Rourke	Orlando Telephone	407-996-8900	melissa.orourke@summit-broadband.com
Jami Perez	Peerless Network	312-766-1524	jperez@peerlessnetwork.com
Desiree Apodaca	RCLEC	720-863-7818	desiree.apodaca@rlec.com
Charles Allen	Smart City	407-828-6699	callen@smartcitytelecom.com
Dean Davis	Smart City	407-828-6616	ddavis@smartcity.com
Sean March	Smart City	407-828-6612	smarch@smartcitytelecom.com
Betty Parks	SmartEdgeNet	972-729-9275	bparks@edgecommunications.com
Nathan Patrick	Sonic Telecom	707-396-7966	npatrick@corp.sonic.net
Karen Riepenkroger	Sprint	913-315-8546	Karen.S.ripenkroger@sprint.com
Shaunna Forshee	Sprint	913-315-9108	Shaunna.L.forshee@sprint.com

Troy Guichard	T-Mobile	972-464-3694	Troy.Guichard@T-Mobile.com
Sarah Halko	Telnyx	312-270-8124	sarah@telnyx.com
Mike Ray	Terra Nova	941-600-0207	mike@tntelecom.net
Craig Wilkins	USA Mobility/ Spok	972-801-0207	craig.wilkins@spok.com
Laura Dalton	Verizon	914-801-0424	Laura.r.Dalton@verizon.com
Teri Rico	Verizon	215-440-4120	theresa.d.rico@verizon.com
Dana Crandall	Verizon Wireless	682-831-3662	Dana.crandall@verizonwireless.com
Michael Ortega	Vonage	703-304-8288	michael.ortega@vonage.com
Michelle Bowyer	Windstream	864-672-5333	michelle.bowyer@windstream.com
Raushawn Brown	Windstream	501-748-5298	Raushawn.Brown@windstream.com
Edward Webber	Windstream	585-340-2854	Edward.webber@windstream.com
Ruben Galvan	XO Communications	972-578-3728	Ruben.galvan@xo.com
Amy Freund	YMAX	267-424-4400	Amy.freund@ymaxcorp.com



Legend

- Rate Centers
- NPA Boundaries



September 18, 2018

To: All 407/321 NPA Code Holders and Interested Industry Members (Florida)

Subject: Final Minutes of the 407/321/689 NPA Overlay Implementation Meeting

Attached are the final minutes from the August 23, 2018 implementation meeting for the FL 407/321/689 NPA overlay.

If you have any questions, please give me a call at (571) 434-5765 or via email at heidi.wayman@team.neustar.

Sincerely,

Heidi A. Wayman
NPA Relief Planner
NANPA

C: Greg Fogleman – FL PSC
Sakina Deas – FL PSC

FLORIDA
407/321/689 NPA ALL SERVICES OVERLAY
IMPLEMENTATION MEETING
FINAL MINUTES
August 23, 2018

WELCOME, INTRODUCTIONS & AGENDA REVIEW

Heidi Wayman, NPA Relief Planner – NANPA, opened the meeting with introductions, a review of the agenda and the objectives of the meeting. A list of attendees can be found in Attachment #1. Heidi also reminded everyone to join the online meeting to view and follow the referenced documents during the meeting.

CONSENSUS PROCESS, MEETING MINUTES AND STATEMENTS FOR THE RECORD

Heidi stated that the ATIS (Alliance for Telecommunications Industry Solutions) approved industry consensus process would be followed and a copy was included with the invitation to the meeting. In addition, Heidi stated that the minutes would be comprised of consensus items and statements for the record can be made anytime during the meeting.

PURPOSE OF THE CALL

The purpose of this meeting is for the industry to reach consensus on dates for an implementation schedule of the 689 Numbering Plan Area (NPA).

Heidi added that NANPA’s responsibilities are limited to conducting the initial implementation meeting and it is the responsibility of the individual service providers to implement the plan described in the Planning Letter. NANPA will attend any subcommittee meetings if requested but will not chair them or record minutes. Per the INC Guidelines, NANPA is required to publish the Planning Letter for the 689 NPA within three weeks of today’s meeting (September 13, 2018).

REVIEW OF FLORIDA PSC DECISION FOR 407/321/689 NPA OVERLAY

On July 25, 2018, in Order No. PSC-2018-0364-PCO-TL, Docket No. 20180118-TL, the Florida Public Service Commission (Commission) ordered that the suspension of the implementation plan for the 689 overlay of the 407/321 NPA is lifted.

On May 15, 2001 NANPA submitted a petition to the Commission for approval to implement an overlay for the 407/321 NPA. On March 25, 2002, by Order No. PSC-2002-0405-FOF-TL, the Commission approved an overlay as the relief plan for the 407/321 NPA. Prior to the implementation of the overlay, new exhaust projections were received from NANPA. On May 31, 2002, in Order No PSC-2002-0743-FOF-TL, the Commission suspended the implementation of the 689 NPA overlay because the exhaust dates changed significantly. The Commission directed NANPA to officially inform the Commission one year before the exhaust of available 407 NXX codes.

By Order No. PSC-2002-0405-FOF-TL, the Commission ordered that all unassigned 321 NXX codes be reserved for assignment in Brevard County.

Heidi reviewed the ordering paragraphs of the Order:

ORDERED by the Florida Public Service Commission that the suspension of the implementation plan for the 689 overlay of the 407/321 NPA is hereby lifted. It is further

ORDERED that the North American Numbering Plan Administrator shall notify this Commission of the proposed implementation date for the 689 overlay, once it has been determined. It is further

ORDERED that this Docket shall remain open for this Commission to acknowledge the implementation date for the 689 area code overlay.

CO CODE ADMINISTRATION STATUS OF THE FLORIDA 407 NPA

Beth Sprague, Director – NANPA, provided a read-out of the monthly CO code assignment activity for the Florida 407 NPA (See Attachment 2). She reported that as of August 22, 2018, 770 codes were assigned; there are 14 NXX codes available for assignment, there are 16 Unavailable codes. Beth also stated one Unavailable code will be made available as of August 24, 2018 and four additional NXXs were reclaimed and set to disconnect in the BIRRDs/LERG effective October 7, 2018. Heidi stated on May 24, 2018, a delta NRUF was issued for the 407 NPA and the projected exhaust date is 3Q2019.

POOLING ADMINISTRATION STATUS OF THE FLORIDA 407 NPA

Cecilia McCabe, Neustar – Pooling Implementation Manager, reported that for the 407/321 NPA: pooling commenced May 9, 2002, as of August 22, 2018 there are 305 blocks available for assignment to service providers. She also reported there are 17 rate centers and all have mandatory pooling. For the time period of September 1, 2017 through August 22, 2018 269 blocks and 25 codes have been assigned; 21 codes for pool replenishment, 1 for dedicated customers and 3 for LRNs. The forecasted demand for the next twelve months is 41 codes; 39 for pool replenishment and 2 for LRNs. (See Attachment 3)

OVERLAY IMPLEMENTATION ACTIVITIES

Heidi reminded the attendees that in accordance with the NPA Code Relief Planning & Notification Guidelines, NANPA is required to notify the industry of the following specific NPA Relief activities for the exchange of data/information to assist the industry in the smooth implementation of any NPA relief:

- 1) Advise industry that AOCNs should avoid last minute changes to data (e.g., information contained in the BIRRDs (the source of the iconectiv LERG Routing Guide and the source of Vertical & Horizontal Master Data)) that is directly related to NPA relief activity.
- 2) Advise industry that service providers should communicate with each other regarding changes in trunking arrangements associated with NPA relief activities.
- 3) Advise industry to avoid NXX activation and/or changes occurring simultaneously with an NPA split or other relief activity.
- 4) Include TRA on their distribution of information associated with NPA relief activity.

- 8) Advise industry that use of protected codes (NXXs), which permits 7-digit dialing, should be eliminated as part of the NPA code relief planning process unless the appropriate regulatory authority directs otherwise.

Heidi mentioned to the industry the following items of interest that may need to be investigated for implementation of the new 689 NPA.

Technical Issues:	Customer Education Issues:
Translations & Testing	General Public
Switch announcements	Businesses
Operator Services Trunking & Database	Public & Private Schools
911 Trunking & Database	Senior Citizens
Directories & Directory Assistance	Special Needs Customers
Interconnection Issues	Government & Military
Establish communication channels	Burglar & Fire Alarm Co.'s
Other	Public Pay Phones
Voicemail to Paging numbers	Education Plan
Speed-dial numbers	Other

Heidi stated she would include in the minutes more detailed information on the technical and customer education issues to be addressed by the service providers. Many of the items are included in the INC NPA Code Relief Planning and Notification Guidelines, appendices F & G:

TECHNICAL ISSUES:

Translations and Testing

Testing of translations to the new NPA should be completed.

Switch Recorded Announcements

Suggested text for these announcements is included in the guidelines Appendix G.

911 and Operator Services Trunking

Some SPs may have NPA-specific trunking. If MF Signaling from the end office to the 911 tandem is used, additional NPA specific MF trunks may be needed. Conversion to SS7 signaling is an alternative instead of adding additional MF trunks.

Directories and Directory Assistance

The new NPA will need to be reflected in the directory. Directory Assistance and intercept operator database information will need to be updated to reflect the new NPA.

Interconnection Issues

Interoffice Trunking to tandems, some may require special attention with the NPA change.

Establish Communication Channels

SPs should share contact information with other industry members for troubleshooting for the duration of the NPA relief activity.

Freeway Call Boxes

These services are sometimes provided on major state and Interstate highways and may need to be reprogrammed.

10-digit signaling

Conversion to 10-digit signaling is generally completed prior to mandatory dialing to make any customer complaint troubleshooting easier.

Existing Cross-NPA 7-digit Dialing

The use of protected routes, which also permits 7-digit dialing across NPA boundaries, shall continue unless otherwise directed by the appropriate regulatory authority. Where it is suspected that protected routes and 7-digit dialing across-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 providers or the appropriate regulatory authority.

CUSTOMER EDUCATION EFFORTS:

General Public (See section 10.0 from the Guidelines)

The permissive dialing period allows for customers to be educated and adjust to the dialing change. Service providers can educate their customers about the permissive dialing period as well as the change to the new dialing procedures and how these changes affect the various aspects of their lives.

Businesses with or without PBXs/PABXs (See Appendix F of the Guidelines)

As with the general public all businesses must dial 10-digits;
Business customers with PBXs/PABXs must update their equipment for 10-digit dialing as well as program them to recognize the new NPA in the translation tables. Business advertising must show the ten digit number as well, some rural areas only advertise a 7-digit number.

Alarm Companies (See Appendix F of the Guidelines)

Alarm companies must be notified to reprogram the alarm panels for 10-digit dialing if they are dialing 7-digits today; if use 800 #'s then no changes required.

Directory Publishers (See Appendix G of the Guidelines)

The DA database information that is provided to directory publishers will need to reflect the new NPA in an overlay. Overlays require the new NPA to be listed in the directory. Directory Assistance and intercept operator database information will need to be updated to reflect the new NPA as well.

PSAPs (See Appendix F of the Guidelines)

PSAPs must be notified about new NPA and to expect it when it becomes effective;
PSAPs must be notified to modify their pre-programmed speed dialers to dial 10-digits.

Calling Card Customers (See Appendix G of the Guidelines)

Calling cards associated with the new NPA in the area that is changing with a split may need to be reissued, and calling card companies must open the new NPA at the start of permissive dialing with a split and on the activation date of a new NPA with an overlay.

Customers with modems and automatic dialers (See Appendix F of the Guidelines)

Secure entry systems, AMR devices, highway emergency call boxes, voicemail-paging, speed dialing features, dial-up modems, personal computers, fax machines, ATMs, etc. must be reprogrammed for 10-digit dialing.

ISDN Customers (See Appendix G of the Guidelines)

Some customer premises ISDN handsets require full 10-digit telephone number (Service Profile ID, SPID) to be programmed with the new NPA.

REACH CONSENSUS ON IMPLEMENTATION SCHEDULE

After discussion the industry reached consensus on the implementation interval dates and will be reflected in the Planning Letter as in the chart that follows:

The implementation schedule of the 407/321/689 NPA overlay is as follows:

	Date
Start of Network Preparation and Customer Education	October 4, 2018
Completion of Network Preparation and Customer Education	May 4, 2019
Earliest new 689 NPA central office code activation date*	June 4, 2019
Earliest date central office codes in the new 689 overlay area may be ordered through NANPA	March 30, 2019

* In-service date of the New 689 NPA Overlay.

DIALING PLAN

Since 10-digit dialing is already in place for this area, the existing dialing plan for the 407/321 NPA will continue with the introduction of the new 689 NPA as follows:

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

TEST NUMBER

Heidi stated a test number is required for a new NPA per the INC guidelines and needs to be listed in the Planning Letter and is to be made available at least 90 days prior to implementation of the new NPA. All international and domestic carriers should ensure that the 689 NPA is activated throughout their networks prior to June 4, 2019. The test number to verify the routing to the 689

NPA will be in service beginning March 4, 2019 through July 4, 2019. AT&T has agreed to provide the test number to verify the routing to the 689 NPA which is 689-689-1689. A recorded announcement will indicate the test call has been successfully completed.

REVIEW DRAFT PLANNING LETTER INFORMATION

Heidi stated that the Planning Letter will be published no later than September 13, 2018, within three weeks of today's meeting per the INC guidelines. The Planning Letter information is a narrative explaining the transition and includes the network preparation and customer education dates, the 689 NPA in-service date, the test number, the dialing plan and a map along with service provider contact information.

A participant requested that a list of the rate centers in the 407 and 321 NPAs be included in the Planning Letter. The industry agreed this information would be useful in the implementation of the new 689 NPA. Heidi agreed to include the rate center data in the Planning Letter.

COMPANY CONTACTS

Heidi indicated it would be beneficial if the company contacts were listed in the Planning Letter and she has already inserted a contact for all code and block holders in the 407 NPA. If additions or changes to the list are desired by industry members, they are to email Heidi at Heidi.Wayman@team.neustar no later than September 11, 2018 with their name, company, telephone number and email address.

STATEMENTS FOR THE RECORD

There were no statements for the record.

MEETING MINUTES DISTRIBUTION AND APPROVAL OF THE MINUTES

It was agreed that the draft minutes resulting from this meeting will be distributed to the Industry by posting them on the NANPA website no later than September 6, 2018. Additionally, no conference call will be held to approve the draft minutes, but rather the industry is to provide corrections or changes to Heidi Wayman via email at Heidi.Wayman@team.neustar or at 571-434-5765 no later than September 13, 2018 when the minutes would become final.

OPEN DISCUSSION

Sakina Deas, Florida PSC Staff, asked how service providers will notify their customers that there is a new area code being implemented. A participant responded and stated that since 10-digit dialing is already in place, the service providers can send a letter to their customers, bill inserts, text messages and a press release.

Adjourned

###

These minutes became final on September 13, 2018.

**FLORIDA - 407/321/689 NPA
Initial Implementation Meeting via Conference Call
August 23, 2018
Participants**

NAME	COMPANY
Sharon Poer	AT&T
Rita Schmitz	CenturyLink
Allyson Blevins	Charter
Sakina Deas	Florida PSC
Bryan Bethea	Inteliquent
Rebecca Jefferson	Metro PCS
Heidi Wayman	NANPA Relief Planning
Beth Sprague	NANPA Director
Cecilia McCabe	Neustar Pooling Implementation
Linda Hymans	Neustar Pooling Regulatory
Charles Allen	Smart City Telecom
Dean Davis	Smart City Telecom
Shaunna Forshee	Sprint
Troy Guichard	T-Mobile
Laura Dalton	Verizon
Theresa Rico	Verizon
Dana Crandall	Verizon Wireless
Raushawn Brown	Windstream

POOLING STATISTICS	
<i>Provided By: Cecilia McCabe</i>	
ST/NPA:	FL 407/321
MEETING DATE:	8/23/2018
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)	5/9/2002
RATE CENTERS	
<i># Total</i>	17
<i># Mandatory</i>	17
<i># Mandatory-Single Service Providers (M*)</i>	0
<i># Optional</i>	0
<i># Excluded</i>	0
BLOCKS ASSIGNED	
<i># Total</i>	269
<i>(For time period 9/01/17 - 8/22/18)</i>	
BLOCKS AVAILABLE	
<i>#Total</i>	305
<i>(As of preparation date: 8/22/18)</i>	
CODES ASSIGNED	
<i># Total</i>	25
<i># for Pool Replenishment</i>	21
<i># for Dedicated Customers</i>	1
<i># for LRNs</i>	3
<i>(For time period 9/01/17 - 8/22/18)</i>	
CODES FORECASTED	
<i># Total</i>	41
<i># for Pool Replenishment and Dedicated Customers</i>	39
<i># for LRNs</i>	2
<i>(For the next twelve months as of: 8/22/18)</i>	