

July 13, 2018

To: All 937 NPA Code Holders and Interested Industry Members (Ohio)

Subject: Regulatory Filing - OH 937 NPA and New 326 NPA Overlay

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Per the May 23, 2018 decision by the Public Utilities Commission of Ohio (PUCO) in Case No. 17-2329-TP-COI for relief of the 937 NPA, please find attached to this notice:

- Planning Letter 517 which lists the dates determined for the start of permissive and mandatory ten- and eleven-digit dialing as well as the date for the start of the issuance of telephone numbers in the new NPA.
- The final meeting minutes from the June 19, 2018 Initial Implementation Meeting.

Sincerely,

*Albert T. Cipparone*  
NRUF Manager - NANPA

CC: Robbin Russell – PUCO Staff  
Jay Agranoff – PUCO Staff  
Marianne Townsend – PUCO Staff

**Number:** PL – 517

**Date:** July 3, 2018

**Subject:** NPA 326 to Overlay NPA 937 (Ohio)

**Related Previous Planning Letters:** 272, IL96/06-011

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## General Description

On May 23, 2018, the Public Utilities Commission of Ohio (PUCO) in Case No. 17-2329-TP-COI, approved an all services overlay as the relief method for the 937 NPA, which serves the western region of Ohio. The new **326 NPA** will serve the same geographic area currently served by the existing 937 NPA. A map showing the area served by these NPAs is attached.

## Implementation of Relief Plan

Implementation of the overlay of the 326 NPA is as follows:

	Time	Date
Start Network Preparation and Customer Education		February 11, 2019
Start of permissive 7-digit, 10-digit and 11-digit dialing	12:01 AM ET	August 10, 2019
End of permissive dialing and start of mandatory 10-digit/11-digit local dialing	12:01 AM ET	February 8, 2020
Earliest new NPA central office code activation date *	-	March 8, 2020
Earliest date central office codes in the new NPA may be ordered through NANPA	-	January 2, 2020

\* In Service Date of the New 326 NPA

During the permissive dialing period, subscribers may dial local calls within the overlay area on either a 7-digit or 10- or 11-digit basis, but will be encouraged to dial 10- or 11-digits. After the permissive period ends, all calls should be dialed using 10-digits (11-digits will remain permissible).

When preparing for overlay area code relief, carriers are strongly encouraged to prepare their switches to begin sending 10 digits prior to the mandatory 10-digit dialing conversion date for customers.

## **Central Office Code Listings and NPA Map**

A rate center map of the 937/326 NPA overlay is attached. Since NXX information may change over time, please consult the NANPA website at [www.nanpa.com](http://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 (TRA), at 732-699-6700.

## **Dialing Plan**

Coincident with the introduction of mandatory 10-digit dialing/11-digit dialing on February 8, 2020, the dialing plan for the 937 and 326 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)

\*1+10 digit permissible required excluding CMRS providers

## **Network Testing**

All international and domestic carriers should ensure that the new 326 NPA has been activated throughout their networks prior to March 8, 2020. The test number to verify the routing to the new 326 NPA will be in service beginning December 8, 2019 through April 8, 2020. The test number to verify the routing to the 326 NPA is 326-326-1326. A recorded announcement will indicate that 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

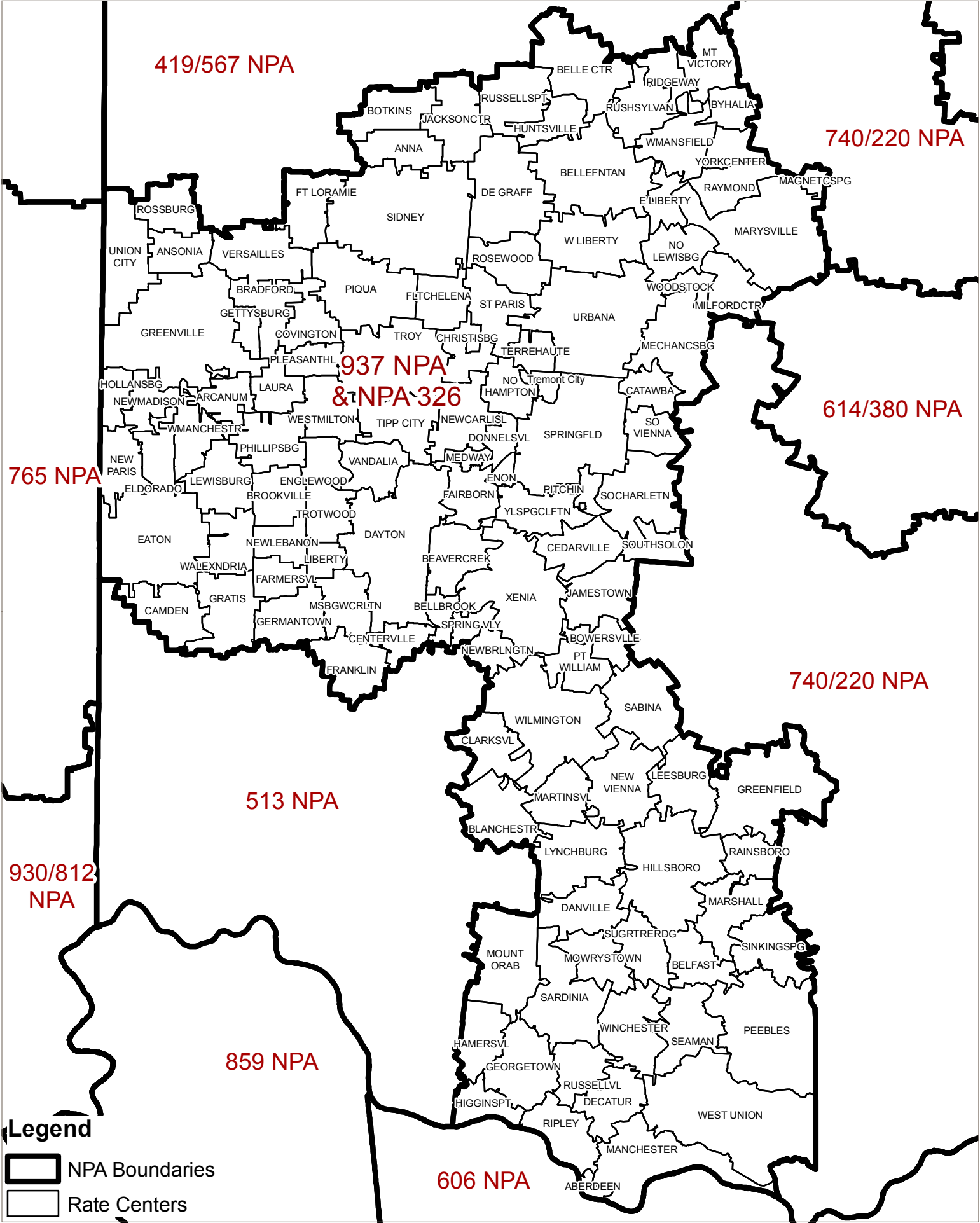
General questions regarding the relief of the 937 NPA overlay should be directed to Al Cipparone, NRUF Manager, NANPA, on 571-434-5789. Questions of a technical nature should be directed to the NPA coordinator of the appropriate service provider.

Attached is a list of company 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	EMAIL ID
Phoua Xiong	365 Wireless, LLC	404-334-1172	<a href="mailto:phoua.xiong@brightlinkIP.com">phoua.xiong@brightlinkIP.com</a>
Roseann Kendall	Airus	312-878-4160	<a href="mailto:rkendall@airustel.com">rkendall@airustel.com</a>
Norman Lee	American Messaging Services, LLC	972-353-1835	<a href="mailto:norman.lee@americanmessaging.net">norman.lee@americanmessaging.net</a>
George Guerra	AT&T	408-635-8612	<a href="mailto:Gg2395@att.com">Gg2395@att.com</a>
Sharon Poer	AT&T	205-969-6975	<a href="mailto:sp1441@att.com">sp1441@att.com</a>
Maryann Mackey	AT&T	216-822-0086	<a href="mailto:mm4182@att.com">mm4182@att.com</a>
Elizabeth Willett	Bandwidth.com	919-238-1482	<a href="mailto:ewillett@bandwidth.com">ewillett@bandwidth.com</a>
Bryan Bethea	Broadvox-CLEC (Inteliquent)	312-380-4549	<a href="mailto:bryan.bethea@inteliquent.com">bryan.bethea@inteliquent.com</a>
Margaret Cox	CenturyLink	252-641-3384	<a href="mailto:margaret.cox@centurylink.com">margaret.cox@centurylink.com</a>
Rita Schmitz	CenturyLink	608-796-5600	<a href="mailto:Rita.Schmitz@CenturyLink.com">Rita.Schmitz@CenturyLink.com</a>
Scott Eversman	CenturyLink (Level 3)	877-922-7768	<a href="mailto:DL-NetworkTranslations@level3.com">DL-NetworkTranslations@level3.com</a>
Allyson Blevins	Charter	314-394-9852	<a href="mailto:allyson.blevins@charter.com">allyson.blevins@charter.com</a>
Shannon Suppa	Choice One Communications (Windstream)	585-530-2849	<a href="mailto:SSUPPA@ELNK.com">SSUPPA@ELNK.com</a>
Dianda Herold	Cincinnati Bell	513-565-9292	<a href="mailto:dianda.herold@cinbell.com">dianda.herold@cinbell.com</a>
Melissa McKee	Cincinnati Bell	513 313 7329	<a href="mailto:melissa.mckee@cinbell.com">melissa.mckee@cinbell.com</a>
Randy Showalter	Citynet LLC	614-364-7869	<a href="mailto:randy.showalter@citynet.net">randy.showalter@citynet.net</a>
Sam Shiffman	commio, LLC	707-726-6260	<a href="mailto:gocommio@gmail.com">gocommio@gmail.com</a>
Leslie Miklos	Consolidated Communications (Germantown Independent)	724-223-7040	<a href="mailto:leslie.miklos@consolidated.com">leslie.miklos@consolidated.com</a>
Joey Magsalin	First Communications	866-551-1436	<a href="mailto:jmagsalin@firstcomm.com">jmagsalin@firstcomm.com</a>
Teresa Robinson	Frontier	585-777-7572	<a href="mailto:Teresa.M.Robinson@ftr.com">Teresa.M.Robinson@ftr.com</a>
Tina Baker	Frontier	260-432-0504	<a href="mailto:Tina.L.Baker@ftr.com">Tina.L.Baker@ftr.com</a>
Michael Scarborough	Frontier	585-214-0059	<a href="mailto:michael.scarborough@ftr.com">michael.scarborough@ftr.com</a>
Cassi Cole	Frontier	740-360-0696	<a href="mailto:Cassandra.cole@ftr.com">Cassandra.cole@ftr.com</a>
Hope Christman	Frontier	805-480-0714	<a href="mailto:hope.christman@ftr.com">hope.christman@ftr.com</a>
Susan Quellhorst	New Knoxville Telephone Company (Goldstar)	419-753-2457	<a href="mailto:SUSIEQ@NKTELCO.NET">SUSIEQ@NKTELCO.NET</a>
Jami Perez	Peerless Network	312-766-1524	<a href="mailto:jperez@peerlessnetwork.com">jperez@peerlessnetwork.com</a>
Harold Hechinger	Powernet Global	513-645-4803	<a href="mailto:hhechinger@pngmail.com">hhechinger@pngmail.com</a>
Desiree Apodaca	RCLEC, Inc.	720-863-7818	<a href="mailto:desiree.apodaca@rlec.com">desiree.apodaca@rlec.com</a>
Bruce Schoonover	Sigecom dba WOW! Internet, Cable & Phone	706-645-3966	<a href="mailto:bruce.schoonover@wowinc.com">bruce.schoonover@wowinc.com</a>
Scotty DeLong	Sigecom dba WOW! Internet, Cable & Phone	812-437-2287	<a href="mailto:scotty.delong@wowinc.com">scotty.delong@wowinc.com</a>

Shaunna Forshee	Sprint	913-315-9108	<a href="mailto:Shaunna.I.Forshee@sprint.com">Shaunna.I.Forshee@sprint.com</a>
Karen Riepenkroger	Sprint	913-315-8546	<a href="mailto:karen.s.ripenkroger@sprint.com">karen.s.ripenkroger@sprint.com</a>
Sunshine Justice	Suddenlink	903-266-4924	<a href="mailto:sunshine.justice@alticeusa.com">sunshine.justice@alticeusa.com</a>
Sarah Halko	Telnyx	312-270-8124	<a href="mailto:sarah@telnyx.com">sarah@telnyx.com</a>
Roger Barnhart	The Champaign Telephone Company (CT Comm.)	937-653-2233	<a href="mailto:roger@ctcommunications.com">roger@ctcommunications.com</a>
Jeffrey Blevins	The Chillicothe Telephone Company (Horizon)	740-772-8327	<a href="mailto:jeff.blevins@horizontel.com">jeff.blevins@horizontel.com</a>
John Quaintance	Tier 2 (Bright CLEC)	419-739-3147	<a href="mailto:johnq@support.bright.net">johnq@support.bright.net</a>
Elsamma Mathew	T-Mobile	972-464-3693	<a href="mailto:Elsamma.Mathew@T-Mobile.com">Elsamma.Mathew@T-Mobile.com</a>
Kimberly Klingler	TSC Communications, Inc.	419-739-2296	<a href="mailto:kimk@telserco.com">kimk@telserco.com</a>
Craig Wilkins	USA Mobility Wireless (Spok)	972-801-0207	<a href="mailto:craig.wilkins@spok.com">craig.wilkins@spok.com</a>
Laura Dalton	Verizon	914-741-7018	<a href="mailto:laura.r.dalton@verizon.com">laura.r.dalton@verizon.com</a>
Teri Rico	Verizon	215-440-4120	<a href="mailto:theresa.d.rico@verizon.com">theresa.d.rico@verizon.com</a>
Dana Crandall	Verizon Wireless	682-831-3662	<a href="mailto:Dana.Crandall@VerizonWireless.com">Dana.Crandall@VerizonWireless.com</a>
Michael Ortega	Vonage	703-304-8288	<a href="mailto:michael.ortega@vonage.com">michael.ortega@vonage.com</a>
Cindy Nulty	Windstream	319-790-2180	<a href="mailto:cindy.nulty@windstream.com">cindy.nulty@windstream.com</a>
Amy Freund	YMAX	267-424-4400	<a href="mailto:Amy.Freund@Ymaxcorp.com">Amy.Freund@Ymaxcorp.com</a>



July 11, 2018

To: All 937 NPA Code Holders and Interested Industry Members (Ohio)

Subject: Final Minutes – Initial Implementation Meeting for OH 937 NPA and New 326 NPA Overlay

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The final minutes from the June 19, 2018 Initial Implementation Meeting for OH 937 NPA and New 326 NPA Overlay are available for download from the NAS-NANP Notification System (NAS-NNS). Please go to [www.nanpa.com](http://www.nanpa.com), click on NAS Login, and enter your Username and Password. After login, select "View Documents," State, NPA, and the "NPA Relief Planning" category.

There were no additional changes to the revised draft minutes distributed on July 9, 2018.

If you require assistance using NAS-NNS and/or downloading the final minutes, please contact me.

Sincerely,

*Albert T. Cipparone*  
NRUF Manager - NANPA

CC: Robbin Russell – PUCO Staff  
Jay Agranoff – PUCO Staff  
Marianne Townsend – PUCO Staff

**OHIO**  
**937 / 326 NPA OVERLAY**  
**IMPLEMENTATION MEETING**  
**FINAL MINUTES**  
**June 19, 2018**

**WELCOME, INTRODUCTIONS & AGENDA REVIEW**

Al Cipparone, NRUF Manager – NANPA, opened the meeting with introductions and a review of the agenda. A list of attendees can be found in Attachment 1. Al reminded everyone to join the online meeting to view and follow the referenced documents during the meeting. Al asked if there were any changes or additions to the agenda, and there were none.

**CONSENSUS PROCESS, MEETING MINUTES AND STATEMENTS FOR THE RECORD**

Al 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, Al stated that the minutes would be comprised of consensus items and statements for the record can be made at anytime during the meeting.

**PROJECT RE-CAP & PURPOSE OF THE CALL**

Al then provided a re-cap of the project to date:

- The project was initiated on August 25, 2017 and the Initial Planning Document (IPD) was made available the same day via the NANP Notification System (NNS).
- An Initial Relief Planning Meeting was conducted on September 28, 2017, and the relief petition was submitted by NANPA on behalf of the industry to the Public Utilities Commission of Ohio (PUCO) on November 9, 2017.

Pursuant to a May 23, 2018 decision by the PUCO in Case 17-2329-TP-COI, the telecommunications industry is directed to take the necessary steps to ensure the implementation of the “326” NPA and mandatory ten-and eleven-digit dialing to occur in the “937” and “326” NPAs consistent with the forecasted third quarter 2020 exhaust date.

Al then mentioned that the purpose of the meeting was for the industry to reach consensus on dates for an implementation schedule.

Al added that NANPA’s responsibilities are limited to conducting this initial implementation meeting and it is the responsibility of the individual service providers (SPs) to implement the plan described in the Planning Letter (PL). NANPA will attend any subcommittee meetings if requested but will not chair them or record minutes. Al mentioned that per the INC Guidelines NANPA is required to publish the Planning Letter for the 326 NPA within three weeks of today’s meeting (i.e., by July 10, 2018).



## **REVIEW OF PUCO DECISION TO OVERLAY 937 NPA**

AI noted in the PUCO Opinion and Order of May 23, 2018, the Commission adopted the all services overlay plan filed by NANPA on behalf of the industry on November 9, 2017.

AI reviewed the ordering paragraphs of the Opinion and Order:

ORDERED, That all telephone companies presently serving the "937" NPA should pursue the overlay plan as directed in this Opinion and Order. It is, further,

ORDERED, That all telephone companies in the "937" NPA implement ten- and eleven-digit local call dialing consistent with this Opinion and Order. It is, further,

ORDERED, That the industry convene an implementation meeting and file the dates determined for the start of permissive and mandatory ten- and eleven-digit dialing, as well as the date for the start of the issuance of telephone numbers in the new NPA. It is, further,

ORDERED, That all "937" NPA code holders file their overlay consumer education plans consistent with this Opinion and Order. It is, further,

ORDERED, That all telephone companies update their directory service databases and directories in accordance with this Opinion and Order. It is, further,

ORDERED, That all telephone companies should work with the 9-1-1 systems currently in the "937" NPA to assist with any transition resulting from the implementation of the overlay plan. It is, further,

ORDERED, That all alarm companies perform the necessary reprogramming consistent with this Opinion and Order. It is, further,

ORDERED, That the motion pro hac vice be granted in accordance with this Opinion and Order. It is, further,

ORDERED, That a copy of this Opinion and Order be served upon all parties and interested persons of record in this case.

AI mentioned that SPs can check whether they are 937 code holders by referencing the Central Office Code Utilized Report on the NANPA website ([https://www.nationalnanpa.com/reports/reports\\_cocodes.html](https://www.nationalnanpa.com/reports/reports_cocodes.html)).

## **CO CODE ADMINISTRATION STATUS OF THE OHIO 937 NPA**

Beth Sprague, Director – NANPA, provided a read-out of the monthly CO code assignment activity for the Ohio 937 NPA (See Attachment 2). She reported as of June 19, 2018 there were 35 NXX codes available for assignment, 746 assigned NXX codes, and 19 unavailable NXX codes.

### **POOLING ADMINISTRATION STATUS OF THE OHIO 937 NPA**

Cecilia McCabe, Neustar Pooling Implementation, reported that pooling commenced October 30, 2002, there are 123 rate centers (RCs), 123 RCs are in mandatory pooling, 0 RCs are mandatory with only one SP, 0 RCs are optional pooling and 0 RCs are excluded from pooling. In the past twelve months, 100 thousands-blocks have been assigned in the 937 NPA, and as of June 18, 2018 there were 1,093 thousands-blocks available for assignment to SPs. Pooling has assigned 9 codes in the past twelve months; 7 for pool replenishment, 0 for dedicated customers and 2 for LRNs. The forecasted need for the next twelve months is 9 codes, including 9 for pool replenishment and dedicated customers, and 0 for LRNs. (See Attachment #3).

### **OVERLAY IMPLEMENTATION ACTIVITIES**

Al reminded the attendees that in accordance with the NPA Code Relief Planning & Notification Guidelines, Appendix A, 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. NANPA will:

- 1) Advise industry that AOCNs should avoid last minute changes to data e.g., information contained in the BIRRDS (the source of the Telcordia™ 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 must communicate with each other regarding changes in trunking arrangements associated with NPA relief activities.
- 3) Avoid NXX activation and/or changes occurring simultaneously with an NPA split or other relief activity.
- 4) Include Telcordia™ Routing Administration (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.

Al mentioned to the industry the following items of interest that may need to be investigated for implementation of the new 326 NPA.

<b>Technical Issues:</b>	<b>Customer Education Efforts:</b>
Translations & Testing	General Public
Switch announcements	Businesses with or without PBXs/PABXs
Operator Services Trunking & Database	Alarm Companies

9-1-1 Trunking (MF or SS7) & Database	Directory Publishers
Directories & Directory Assistance	PSAPs
Interconnection Issues	Calling Card Customers
Establish communication channels	Customers with modems and automatic dialers
Freeway Call Boxes	ISDN Customers
10-digit Signaling	
Existing Cross-NPA 7-digit Dialing	

AI stated he would include in the minutes more detailed information on the technical and customer education issues to be addressed by the SPs and that information is listed below. 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 a new NPA or a change from seven to ten-digit dialing should be completed in accordance with the NIIF Reference Document ([www.atis.org/ngiif](http://www.atis.org/ngiif)). [Note: The NIIF is now known as the Next Generation Interconnection Interoperability Forum (NGIIF).]

### **Switch Recorded Announcements**

These announcements typically run for a minimum of 30 days, but the period may be determined by the industry, or the regulatory authority. The recorded announcement should be provided at the earliest possible point in the call path to avoid overloading the tandem switch. For NPA overlays, callers dialing only seven digits usually reach an announcement instructing them to dial the number with the appropriate area code. A suggested text for this type of recording for an overlay is as follows: “The area code must be used when dialing this number, please hang up and dial again.”

### **Operator Services Trunking & Database**

Some SPs may have NPA-specific trunking. If MF signaling from the end office to the tandem is used, additional NPA specific MF trunks may be needed. Conversion to SS7 signaling is an alternative instead of adding trunks. Operator Service databases will need to be updated for NPA changes. In addition, correct out-pulsing from OSPS type systems and Information Call Completion systems must be assured for NPA changes.

### **9-1-1 Trunking (MF or SS7), Routing and Databases**

Verification of 9-1-1 tandem router capabilities is needed. Some routers may only be able to support a maximum of 4 NPAs; therefore, another router may be required.

The following activities may need to be addressed:

- ☐ Notify Effected Parties
- ☐ Confirm new Emergency Service Number (ESN) has been established for new NPA
- ☐ Ensure Selective Routing Database (SRDB) table has new NPA built
- ☐ Notify PSAPs and County Coordinators
- ☐ Notify PSALI Customers

- ☐ Update PSAP equipment
- ☐ CLEC Trunk Order Requests submitted to Provider
- ☐ Trunk Orders Complete
- ☐ Build E911 Network/Tandem Translations
- ☐ Build NPA-NXX Tables
- ☐ Arrange Back ups
- ☐ Verify & Perform ALI/SR Processing
- ☐ Execute Split procedures and Updates to E911 Database
- ☐ Verify PSAP Work is Complete
- ☐ Activate E911 Network/Tandem Translations
- ☐ Complete post activity back-ups and monitoring

### **Directories and Directory Assistance (DA)**

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

### **Interconnection Issues**

Some SPs may have NPA specific trunking if MF signaling from the end office to the tandem is used.

### **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 permit 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 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 SP(s) or the appropriate regulatory authority.

## **CUSTOMER EDUCATION EFFORTS:**

### **General Public (See section 10.0 of the Guidelines)**

The length of the permissive dialing period is determined by regulatory directive or industry consensus. When necessary, this period should allow sufficient time for customers to:

- ☐ Revise printed materials (e.g., stationery, business cards, labels, bills, etc.)

- ☐ Reprogram equipment that stores and analyzes telephone numbers (e.g., PBXs, cellular phones, modems, speed call lists, alarm company automatic dialers, and other automatic dialers)
- ☐ Update directory listings
- ☐ Notify customers and business associates, as well as friends and family
- ☐ Change advertising (e.g., print ads, classified ads, promotional materials, etc.)

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

Business customers with PBXs/PABXs (Private Branch Exchanges/Private Automatic Branch Exchanges) 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 10-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 alarm panels for 10-digit dialing if they are dialing 7-digits today; if they use 800 numbers, then no changes should be 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 card companies must open the new NPA on the activation date of the new NPA with an overlay.

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

Secure entry systems, utility Automatic Meter Reading (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 that the start times for the permissive and mandatory dialing periods would be 12:01 AM Eastern Time (ET) and will be reflected in the Planning Letter as in this chart:

	Time	Date
--	------	------

Start Network Preparation and Customer Education		February 11, 2019
Start of permissive 7-digit, 10-digit and 11-digit dialing	12:01 AM ET	August 10, 2019
End of permissive dialing and start of mandatory 10-digit/11-digit local dialing	12:01 AM ET	February 8, 2020
Earliest new NPA central office code activation date *	-	March 8, 2020
Earliest date central office codes in the new NPA may be ordered through NANPA	-	January 2, 2020

\* In Service Date of the New 326 NPA

## DIALING PLAN

A proposal was made and consensus reached that with the introduction of mandatory 10-digit/11-digit dialing on February 8, 2020, the dialing plan will be as follows for the 937 and 326 NPAs:

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

\*1+10 digit permissible required excluding CMRS providers

## TEST NUMBER

AI stated that a test number is required 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 new 326 NPA has been activated throughout their networks. The test number to verify the routing to the new NPA will be in service 90-days prior to effective date of new NPA per INC guidelines. The test number will be used to verify the routing to the 326 NPA. A recorded announcement will indicate that the test has been successfully completed. AT&T agreed to provide the test number at a later time.

## REVIEW DRAFT PLANNING LETTER INFORMATION

AI stated that information decided during the initial implementation meeting would be reflected in the Planning Letter, which must be published within three weeks per the INC guidelines. The PL information is a narrative explaining the transition, the dates of the permissive dialing period,

the mandatory dialing date, the test number, the dialing plan, and a map along with SP contact information.

The industry agreed to the text provided for discussion in the draft Planning Letter but a request was made to change this sentence in the section titled, "Implementation of Relief Plan:"

After the permissive period ends, all calls must be dialed using 10-digits.

To:

After the permissive period ends, all calls should be dialed using 10-digits (11-digits will remain permissible).

There were no objections.

#### **IDENTIFY SERVICE PROVIDER CONTACTS FOR PLANNING LETTER**

Al requested the industry review the contacts listed in the Planning Letter for each company and send any changes to him. Additional industry members to be listed in the PL are to send an email to Al at [Al.Cipparone@team.neustar](mailto:Al.Cipparone@team.neustar) with their name, company, telephone number and Email Id no later than July 3, 2018.

#### **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 July 3, 2018. Additionally, no conference call would be held to approve the draft minutes and Planning Letter, but rather the industry agreed to provide corrections or changes to Al Cipparone via email at [Al.Cipparone@team.neustar](mailto:Al.Cipparone@team.neustar) or contact him at (571) 434-5789 no later than July 10, 2018, after which time these minutes become final.

#### **OPEN DISCUSSION**

Jay Agranoff (PUCO) asked when the determinations reached in this implementation meeting will be filed in the docket. Al responded that he will confer with NANPA's attorney but they will probably be filed after the posting of the Planning Letter.

Al asked Jay if there is a format and timeframe that service providers should adhere to when filing their customer education plans as specified in the Order and Jay responded that there was no definitive format but they should be filed before the start of permissive dialing. An entry setting forth this timeframe for the filing of the consumer education plans will be issued following the filing of the Industry Implementation Plan.

Adjourned

###

**OHIO – 937-326 NPA**  
**Initial Implementation Meeting via Conference Call**  
**Meeting Attendees**  
**June 19, 2018**

<b>NAME</b>	<b>COMPANY</b>
Sharon Poer	AT&T
Maryann Mackey	AT&T
Rita Schmitz	CenturyLink
Allyson Blevins	Charter
Melissa McKee	Cincinnati Bell
Leslie Miklos	Consolidated Communications
Cassandra Cole	Frontier
Tina Baker	Frontier
Teresa Robinson	Frontier
Michael Scarborough	Frontier
Jay Agranoff	Public Utilities Commission of Ohio
Robbin Russell	Public Utilities Commission of Ohio
Marianne Townsend	Public Utilities Commission of Ohio
Al Cipparone	NANPA NRUF Manager
Heidi Wayman	NANPA Relief Planning
Beth Sprague	NANPA
Cecilia McCabe	Neustar Pooling Implementation
Linda Hymans	Neustar Pooling Regulatory
Shaunna Forshee	Sprint
Karen Riepenkroger	Sprint
Elsamma Mathew	T-Mobile
Theresa Rico	Verizon
Dana Crandall	Verizon Wireless



**Attachment 2**  
**Ohio NPA 937 NXX Summary**  
**Data as of June 19, 2018**

<u>NPA</u>	<u>937</u>					
Assigned NXXs	746					
Protected NXXs	0					
Reserved NXXs	0					
Unavailable NXXs	19	See Note				
Available NXXs	35					
Total	800					
<b><u>Codes Assigned NPA 937</u></b>	<u>Aug-13</u>	<u>Sep-13</u>	<u>Oct-13</u>	<u>Nov-13</u>	<u>Dec-13</u>	<u>Jan-14</u>
	0	0	0	0	0	0
	<u>Feb-14</u>	<u>Mar-14</u>	<u>Apr-14</u>	<u>May-14</u>	<u>Jun-14</u>	<u>Jul-14</u>
	2	3	2	7	1	1
	<u>Aug-14</u>	<u>Sep-14</u>	<u>Oct-14</u>	<u>Nov-14</u>	<u>Dec-14</u>	<u>Jan-15</u>
	2	0	5	0	1	0
	<u>Feb-15</u>	<u>Mar-15</u>	<u>Apr-15</u>	<u>May-15</u>	<u>Jun-15</u>	<u>Jul-15</u>
	3	0	1	2	2	1
	<u>Aug-15</u>	<u>Sep-15</u>	<u>Oct-15</u>	<u>Nov-15</u>	<u>Dec-15</u>	<u>Jan-16</u>
	0	0	1	0	0	2
	<u>Feb-16</u>	<u>Mar-16</u>	<u>Apr-16</u>	<u>May-16</u>	<u>Jun-16</u>	<u>Jul-16</u>
	0	3	4	1	2	2
	<u>Aug-16</u>	<u>Sep-16</u>	<u>Oct-16</u>	<u>Nov-16</u>	<u>Dec-16</u>	<u>Jan-17</u>
	1	0	1	0	2	1
	<u>Feb-17</u>	<u>Mar-17</u>	<u>Apr-17</u>	<u>May-17</u>	<u>Jun-17</u>	<u>Jul-17</u>
	3	3	0	1	3	1
	<u>Aug-17</u>	<u>Sep-17</u>	<u>Oct-17</u>	<u>Nov-17</u>	<u>Dec-17</u>	<u>Jan-18</u>
	0	0	1	0	0	0
	<u>Feb-18</u>	<u>Mar-18</u>	<u>Apr-18</u>	<u>May-18</u>	<u>Jun-18</u>	
	1	1	1	1	0*	
*As of June 19, 2018						
<b>Note: Unavailable indicates codes that are unavailable for assignment. These</b>						
<b>codes include, but are not limited to, test and special use codes (e.g., 958, 959,</b>						
<b>555, time), N11 and other unique codes (e.g., 976, 950) and codes</b>						
<b>with special dialing arrangements (e.g., 7-digit dialing across</b>						
<b>NPA boundary).</b>						

## Attachment 3 - Ohio 937 NPA

June 19, 2018

<b>POOLING STATISTICS</b> <i>Provided By: Cecilia McCabe</i>	
<b>ST/NPA:</b>	<b>OH 937</b>
<b>MEETING DATE:</b>	<b>6/19/2018</b>
<b>MEETING SUBJECT:</b>	
<i>Relief Planning</i>	<b>X</b>
<i>Jeopardy</i>	
<i>Jeopardy Status Review</i>	
<i>Other</i>	
<b>POOL START DATE (PSD)</b>	<b>10/30/2002</b>
<b>RATE CENTERS</b>	
<i># Total</i>	<b>123</b>
<i># Mandatory</i>	<b>123</b>
<i># Mandatory-Single Service Providers (M*)</i>	<b>0</b>
<i># Optional</i>	<b>0</b>
<i># Excluded</i>	<b>0</b>
<b>BLOCKS ASSIGNED</b>	
<i># Total</i>	<b>100</b>
<i>(For time period 6/01/17 - 6/18/18)</i>	
<b>BLOCKS AVAILABLE</b>	
<i>#Total</i>	<b>1093</b>
<i>(As of preparation date: 6/18/18)</i>	
<b>CODES ASSIGNED</b>	
<i># Total</i>	<b>9</b>
<i># for Pool Replenishment</i>	<b>7</b>
<i># for Dedicated Customers</i>	<b>0</b>
<i># for LRNs</i>	<b>2</b>
<i>(For time period 6/01/17 - 6/18/18)</i>	
<b>CODES FORECASTED</b>	
<i># Total</i>	<b>9</b>
<i># for Pool Replenishment and Dedicated Customers</i>	<b>9</b>
<i># for LRNs</i>	<b>0</b>
<i>(For the next twelve months as of: 6/18/18)</i>	

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**7/13/2018 12:00:17 PM**

**in**

**Case No(s). 17-2329-TP-COI**

Summary: Notification NANPA Planning Letter 517 and Initial Implementation Meeting Minutes electronically filed by Mr. Albert T Cipparone on behalf of Neustar, Inc.