

April 30, 2018

VIA ECFS

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

**Re: Telephone Number Portability, et al.
CC Docket No. 95-116; WC Docket Nos. 09-109 and 07-149**

Dear Secretary Dortch:

The North American Portability Management LLC (the "NAPM LLC"), by its attorneys, hereby files a written summary of the NAPM LLC's status updates to the Federal Communications Commission ("FCC" or "Commission") regarding the transition from the current local number portability administrator ("LNPA"), Neustar, to the new LNPA, Telcordia d/b/a iconectiv (the "Report").¹ This Report updates the FCC, the public, and all interested stakeholders regarding transition activities to date in accordance with requirements of the LNPA Selection Order² and guidance received from the FCC on June 24, 2015.³ The NAPM LLC will continue to file written updates of this Report with the FCC at the end of each month until transition is complete.

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Transition Oversight Plan

The Transition Oversight Plan ("TOP"), dated August 31, 2015 was edited and refiled December 5, 2016, and the TOP is published on the public portion of the NAPM LLC's website at www.NAPMLLC.org.⁴ Although one or more transition milestone dates may be adjusted as appropriate to mitigate risk, the previously published dates remain accurate, and the transition is currently on track to meet the Final Acceptance Date of May 25, 2018.

Executive Summary

¹ This Report is intended to provide an update with respect to events that occurred during the prior month. Although the monthly Reports may, at times, reflect certain developments that occurred between the end of the month for which the Report is filed and the date upon which the draft Report received final approval by the NAPM LLC for filing with the Commission, the Reports generally do not reflect all developments that occur during the month in which the Report is filed, which will be reflected in the Report for the following month. Please review previous Reports for information about previous developments.

² *Telcordia Technologies, Inc. Petition to Reform Amendment 57 and to Order a Competitive Bidding Process for Number Portability Administration et al.*, Order, WC Docket Nos. 07-149, 09-109, CC Docket No. 95-116, ¶¶ 158-59 (rel. Mar. 27, 2015) (*LNPA Selection Order*).

³ This summary reflects information relevant to the transition as managed by the NAPM LLC with the assistance of the TOM and the oversight of the Commission.

⁴ See https://www.napmlc.org/Docs/npac/ref_docs/08%2031%2015%20-%20Updated%20Transition%20Oversight%20Plan.pdf.




The North American Number Portability Management LLC (NAPM) and its third-party Transition Oversight Manager (TOM) continue to monitor and manage the progress of the Local Number Portability Administrator (LNPA) transition between the incumbent LNPA and the incoming LNPA. This includes the development of the Number Portability Administration Center Service Management System (NPAC SMS) platform; systems testing with service providers, vendors, and providers of telecommunications-related systems (PTRS) as well as public safety and other users; onboarding of NPAC users and ancillary services users including law enforcement entities and telemarketers; execution of the data migration and go-live events; and outreach to stakeholders and the public.



On April 8, 2018, the first regional NPAC migration was successfully completed. The iconectiv NPAC is now processing porting transactions for NPAC users in the Southeast region. Mechanized and low-tech interface (LTI) users are accessing the NPAC. Mass Update / Mass Port (MUMP) jobs are being successfully processed, and the interface with the pooling administrator is operational. As part of the April 8th migration, interactive voice response (IVR) service also transitioned nationwide. No critical or high severity defects for the iconectiv NPAC are currently outstanding.

On April 6, 2018, the NAPM LLC and Neustar, Inc. reached a privately negotiated agreement providing the US telecommunications industry with a way to revert back to Neustar’s NPAC in the event a rollback of service becomes necessary.

The next regional migrations of the Midwest, Northeast and Mid-Atlantic regions on May 6, 2018, the Southwest, Western, and West Coast regions on May 20, 2018 and the planned final acceptance of the new NPAC on May 25, 2018 are on track.

Program Dashboard

Work Stream	Current Status	Highlights
NPAC SMS Platform Build		<ul style="list-style-type: none"> Data center construction and configuration is complete Release A and Release B development is complete NPAC Solution Readiness was approved on February 28
User Onboarding		<ul style="list-style-type: none"> After the March 4 launch of Ancillary Services, new WDNC and ELEP/IVR users are being on-boarded through business-as-usual processes After the April 8 regional migration, new NPAC users in the Southeast are being on-boarded using business-as-usual processes The excluded NPAC user list for the Midwest, Northeast, and Mid-Atlantic regions is being finalized ahead of the May 6 migration; incomplete registrants will not have NPAC access
Industry Testing		<ul style="list-style-type: none"> All mandatory industry testing is complete Voluntary Ad-Hoc, Partner, Group and Round Robin industry testing continues; all Partner test cases have been successfully completed at least four times All 12 Acceptance Test Plans (ATPs) have been approved, successfully executed, and validated.

Data Migration and Go-Live		<ul style="list-style-type: none"> • The NPAC migration for the Southeast region was successfully completed on April 8; no critical or high severity defects are outstanding • Lessons learned are being integrated into plans for the next NPAC migration for the Midwest, Northeast, and Mid-Atlantic regions on May 6 • The NAPM LLC and Neustar reached a rollback agreement on April 6
Stakeholder Outreach		<ul style="list-style-type: none"> • The TOM supported the teleconference meeting of the LNPA Transition Oversight Subcommittee on April 4 • Southeast Cutover Preparation Transition Outreach and Education Plan (TOEP) webcast was held on April 4 and had 219 attendees • April Transition Outreach and Education Plan (TOEP) webcast was held on April 18 and had 177 attendees • May Transition Outreach and Education Plan (TOEP) webcast will be held on May 9 at 3PM ET

NPAC SMS Platform Build

The hardware and software for the new NPAC SMS platform has completed quality assurance testing and has been placed under production operations control. Subsequent changes, including enhancements and patches will be introduced using business-as-usual processes during industry-approved maintenance windows.

User Onboarding

Onboarding is required for users to port or otherwise make use of the new NPAC and its ancillary services as well as to take part in testing activities. Onboarding of NPAC users is progressing well with the vast majority of service provider, service bureau, and PTRS users having completed registration. The TOM, iconectiv, and FCC continue to engage users and promote their onboarding as the remaining transition dates approach. Existing NPAC users that have not completed onboarding before their respective regional transition dates will not have access to the new NPAC until the completion of their agreements with iconectiv. New NPAC users will be on-boarded using business-as-usual processes.

As Ancillary Services launched on March 4, 2018, new ELEP/IVR and WDNC users are being on-boarded by iconectiv per business-as-usual processes.

Industry Testing

For the final NPAC software release, all mandatory mechanized user and vendor testing has been completed successfully as of solution readiness on February 28, 2018. This includes all 35 Service Provider mechanized systems, all 13 CMIP vendor systems, and all 4 XML vendor systems. Additionally, voluntary partner, group, and round robin testing is in progress with 128 test Service Provider Identifications (SPIDs) logged across 17 organizations, and all 37 test cases successfully completed at least four times. Ad hoc testing is also in progress and incidents opened have resulted in 3 existing and 2 pending Problem Identification & Management (PIM) forms. These and other open issues do not affect

the transition schedule. iconectiv distributed Go-Live Release Notes to registered users via cross-regional email bulletin on March 28, 2018. This document includes known potential impacts and service differences between the NPACs with recommended mitigation actions and is being updated and posted to the iconectiv Customer Portal on a weekly basis.

Data Migration & Go-Live

As of March 29, 2018, all 24 mechanized NPAC users had successfully installed physical connections to both NPAC data centers, conducted their Key and Certificate Exchanges, installed all required vendor software patches, and successfully completed NPAC connectivity verification testing ahead of the first regional NPAC migration.

During the April 4 TOEP webcast, the TOM outlined the requisite transition preparatory activities and the range of webcast, bridge and email communications channels that were used to inform stakeholders of transition progress and to collect stakeholder inputs during the regional migrations. These communications channels are detailed in the TOEP webcast materials archived on the LNPA Transition tab of the napmlc.org website.

To mitigate risk during the active transition period, significant effort has been spent in establishing contingency plans, including options for “Fallback” and industry-led “Rollback.” Fallback was previously agreed among the responsible parties, and as of April 6, 2018 formal agreement was reached on a mechanism to provide Rollback.

On April 8, 2018, the Southeast regional NPAC migration was successfully completed, and the production iconectiv NPAC is now processing porting transactions for NPAC users in the Southeast region. During the migration, user connectivity delays resulted in a one-hour extension of the maintenance window. As of April 20, 2018, no critical or high severity system defects for the production iconectiv NPAC are outstanding. There are 35 active incidents being addressed by iconectiv, 22 of which have been reported since the April 8 regional transition. None of these impact the submission of porting transactions, but NPAC users should review the most recent version of the iconectiv Release Notes to understand how NPAC services may be affected and how to mitigate potential issues. The investigation and resolution of these incidents are not gating the next regional migrations or the final acceptance date.

Stakeholder Outreach

The TOM is conducting outreach activities to educate and engage industry stakeholders to their obligations in supporting the transitions. These efforts provide updates and context to the many NPAC stakeholders and allow them to provide input and feedback. The TOM supported the LNPA Transition Oversight Subcommittee teleconference meeting on April 4, 2018. The TOM hosted the Southeast Regional Migration Preparation TOEP webcast on April 4, 2018, which had 219 attendees. In addition, the TOM hosted the April TOEP webcast on April 18, 2018, which had 177 attendees.

Program Risks

Program risks previously reported here have been either mitigated or resolved. There are currently no summary-level program risks being tracked

Stakeholder Actions

There are a number of actions stakeholders should take to support and facilitate the transition. They include:

- Complete registration with the new LNPA *as soon as possible*, if not already accomplished,
- Review distributed transition overview and preparatory materials, including the latest issue of the NPAC/SMS Release Notes, and
- Review distributed contingency rollback preparatory materials, such as the revised resubmission aid, and ensure your company is prepared to resubmit transactions in the event of a rollback.

Coming in the next month

On May 6, 2018, NPAC services for users in the Midwest, Northeast, and Mid-Atlantic regions will be migrated from the incumbent LNPA to the incoming LNPA with an extension of the maintenance window to 11:00AM CT. Updates on migration status will be communicated to industry by the TOM via a WebEx dashboard, open teleconference bridge, and email. These communications details will be sent via email to the TOEP distribution list on May 3, 2018. The TOM will host a follow-up TOEP webcast on May 9, 2018 at 3:00PM ET which will include an update on the second regional migration. On May 20, 2018, NPAC services for users in the Southwest, Western, and West Coast regions will be migrated from the incumbent LNPA to the incoming LNPA with an extension of the maintenance window to 11:00AM CT. Finally, the TOM will support the NANC meeting on May 29, 2018 and provide a final report on the LNPA transition and NPAC final acceptance.

Please see Appendix A for additional transition information, status and TOM activities for the past month.

* * *

iconectiv

On July 25, 2016, the FCC released a final decision approving the recommendation of the NANC that iconectiv serve as the next LNPA and the terms and conditions of the draft Master Services Agreement ("MSA") that the NAPM LLC and iconectiv had previously submitted to the FCC.⁵ On August 8, 2016, the NAPM LLC and iconectiv executed the MSA. On September 21, 2016, iconectiv held the first of several planned LNPA Transition onboarding webcasts for Service Providers, Service Bureaus and Providers of Telecom Related Services. In addition, iconectiv is moving forward with meeting the requirements and deadlines set forth in the Master Services Agreement.

For information from iconectiv about the NPAC transition, please send an email to LNPA-ACCT-MGMT@iconectiv.numberportability.com

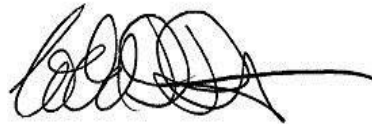
Neustar

Neustar began billing industry service providers on their December 2015 monthly Statement of Work ("SOW") invoices for transition service support billable since July 2015, consistent with the terms of SOW 97. In addition, the four-way non-disclosure agreement, which facilitates joint vendor meetings to discuss transition related issues, was signed by Neustar, the NAPM LLC, the TOM, and iconectiv on February 2, 2017. Lastly, Neustar has executed the User Agreement with iconectiv, and has completed the vendor on-boarding process.

⁵ See *Telcordia Technologies, Inc. Petition to Reform Amendment 57 and to Order a Competitive Bidding Process for Number Portability Administration et al.*, Order, WC Docket Nos. 07-149, 09-109, CC Docket No. 95-116 (rel. July 27, 2015) (*LNPA Approval Order*).

Please contact the undersigned if you have any questions or would like any additional information about the issues discussed herein.

Sincerely,

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.

Counsel to the NAPM LLC

Appendix A: Additional Transition Information, Status and TOM Activities since the last report

- Anonymized summary results of industry testing are being provided to monitor the status and progress of NPAC testing while protecting sensitive security and proprietary information; these results include:
 - Partner and Group & Round Robin Testing
 - 17 participating organizations (no change);
 - 128 Test SPIDs logged (+9);
 - 126 Test SPIDs connected to Testbed 1; 2 are pending connection;
 - All 37 test cases have been successfully executed at least four times;
 - 30 of the 37 test cases have been successfully executed at least 7 times;
 - 4 group and round robin test groups have been established and successfully executed end-to-end test cases;
 - NPAC users have raised incidents for resolution after ad hoc testing and the first regional transition;
 - 35 total active incidents
 - 13 of 35 are Pre-Transition incidents, and 22 of 35 are Post-Transition incidents
 - 18 had reported behavior acknowledged/confirmed
 - 4 require clarification in the requirements via PIMs
 - 2 require operational workarounds
 - 5 have been declared non-issues
 - 3 are system differences being addressed via PIMs
 - 3 are still undergoing investigation by iconectiv
- Verified that 70 of 70 Industry Methods and Procedures (M&P) were approved;
- Incoming LNPA continued to onboard users to its new NPAC platform. Current onboarding status as of April 20 indicates:
 - ~99% of SP/SB/PTRS users have started onboarding (no change), and 1,529 NPAC users have completed registration (+42); and
 - Public Safety / IVR registration has launched in all 50 states (no change), and IVR services were migrated to the new NPAC for all 50 states on April 8, 2018.
- Confirmed that all 24 mechanized Service Providers have successfully installed and connected their primary and backup production circuits (+2), all 24 have also successfully validated their connections with the incoming LNPA (+3).
- 11 of 12 parallel operations term sheets have been finalized (Data Migration P1/P2, CMA, IVR, Ancillary Services, Help Desk, NUA/NUE, Industry Calls & Notifications, SPID, MUMP, Website Migration, and Data Migration P3).