



NANP Administration Services

Scope of Work Change Proposal #7

INC Issue 830: NAS and PAS Email/Report Enhancements

June 16, 2017

Table of Contents

1	Introduction	1
1.1	Purpose and Scope.....	1
1.2	Modification of NANPA Scope of Work.....	1
2	Proposed Scope of Work Change	2
3	Neustar’s Proposed Solution	2
4	Assumptions and Risks.....	5
5	Cost Assumptions and Summary.....	5
6	Conclusion.....	5

1 Introduction

1.1 Purpose and Scope

In accordance with Neustar’s contract¹ and our constant effort to provide the best support and value to both the Federal Communications Commission (FCC) and the telecommunications industry, Neustar, as the North American Numbering Plan Administrator (NANPA), hereby submits this scope of work change to the FCC for approval. This scope of work change is in compliance with NANPA’s Change Management protocol and per requirements as outlined in the NANPA Contract FCC12C0023, Section H.4 (Technical and System Changes), Item 5, which states the following:

“If and when a change to the NANPA system is adopted by the NANC or the INC, the contractor’s liaison shall ensure that the proposed change is forwarded to the Contracting Officer and the Contracting Officer’s Representative (COR). No change shall be binding until such modification is issued, nor shall the Government be liable for any costs associated with a system change until such modification is issued.”

1.2 Modification of NANPA Scope of Work

Pursuant to Neustar’s contract, the NANPA shall participate in the development and modification of guidelines and procedures, which may affect the performance of the NANPA functions. These changes may be derived from regulatory directives and/or modifications to guidelines. In addition, new guidelines may be developed as appropriate to comply with regulatory directives. The NANPA shall adopt and implement any changes that are consistent with regulatory directives after they are officially adopted, recognizing that some may constitute a change in the scope of work.²

When the Industry Numbering Committee (INC) places any changes to its guidelines in initial closure, the NANPA shall submit an assessment regarding the impact of scope of work, time and costs to the INC, the North American Numbering Council (NANC) and the FCC within 30 days.³

This document provides detailed information pertaining to the INC’s requirement submitted on May 19, 2017. This change order document covers the required subject matters such as explaining the industry’s requirements, proposed solution, costs and risk and assumptions.

¹ Contract Number FCC12C0023 and the NANPA Technical Requirements Document, Attachment A, effective July 9, 2012.

² NANPA Technical Requirements Document, July 2012, Section 2.10, Modification of Guidelines.

³ NANPA Technical Requirements Document, July 2012, Section 2.10, Modification of Guidelines.

2 Proposed Scope of Work Change

During the May 9-11, 2017 INC meeting, INC Issue 830 was resolved and went to Initial Closure on May 19, 2017. This issue affects the NANP Administration System (“NAS”).

- **INC Issue 830: NAS and PAS Email/Report Enhancements**

The official INC issue statement is copied in its entirety below and can also be found on the ATIS website:

A) *ISSUE STATEMENT*

It would be very helpful if additional and consistent data points were included in the various emails/reports generated from NAS and PAS (in either the body of the email, the subject line, or both), including but not limited to NPA, NXX, Block, State, Rate Center, Switch CLLI.

B) *FOLLOWING RESOLUTION FROM INC*

INC agreed to update the NAS and PAS standardized emails as contained in INC-2017-00006R004. To parallel these updates, INC made updates to TBPAG Section 5.1.1. and COCAG Section 5 as redlined in INC-2017-00031R002.

INC recognizes the resolution of this Issue will likely generate NANPA and PA Change Orders. Thus, the Issue will go to Initial Pending until the Change Orders are approved and implemented.

INC agreed to share the matrix contained in INC-2017-00006R004 with the NOWG with a recommendation that it be incorporated into the NANPA and PA Technical Requirement Documents.

3 Neustar’s Proposed Solution

INC Issue 830 requires changes to three NAS-generated emails (i.e., the Central Office Code (NXX) Assignment Request - Part 3 Email, the Confirmation of Code Activation (Required) - Part 4 Email, and the Part 4 Delinquent Email). In addition, the issue includes modifications to four NAS reports: the Central Office Code Utilization Code Report (both secure NAS and public report), the Submitted Part 1’s Report, the Submitted Part 4’s Report and the Assignments Needing Part 4 Report.

The INC modifications to NAS emails and reports included with INC Issue 830 is included with this change order. NANPA has summarized the changes below.

NAS-Generated Emails:

NAS Central Office Code (NXX) Assignment Request - Part 3 Email:

Modify the Subject line which currently reads: “Part 3 for tracking id:NPA-NNNNN” to:

“RATE CENTER ABBREV, ST, NPA-NXX, Part 3 for tracking id: NPA-NNNNN,
"APPROVED", "DENIED", "SUSPENDED", or “WITHDRAWN”

NOTE: If the Part 3 is denying, suspending, or withdrawing a new code request, there will be no NPA-NXX appearing in the Subject line.

NAS Confirmation of Code Activation (Required) - Part 4 Reminder Email:

Modify the Subject line which currently reads: “Confirmation of Code Activation (Required) - Part 4” to:

“RATE CENTER ABBREV, ST, NPA-NXX Confirmation of Code Activation (Required) - Part 4”

Modify the body of the email which currently shows:

NPA NXX PART 3 EFFECTIVE DATE DUE DATE

To read as follows:

NPA NXX Switch CLLI OCN OCN Name Part 3 effective date Part 4 due date

NAS Part 4 Delinquent Email

Modify the Subject line which currently reads: “Part 4 Delinquent Notice” to:

RATE CENTER ABBREV, ST, NPA-NXX Part 4 Delinquent Notice

Modify the body of the email which currently shows:

NPA NXX PART 3 EFFECTIVE DATE DUE DATE

To read as follows:

NPA NXX Switch CLLI OCN OCN Name Part 3 effective date Part 4 due date

NAS Generated Reports

Central Office Code Utilized Code Report

For the Central Office Code Utilized Report (both secure NAS and public report), the effective date is to remain on the report. Presently, the date is removed after the date has passed. This change also requires the effective date to be retained on the downloadable text and Excel files found under Central Office Code Assignment Records on both secure NAS and the public website (i.e., Utilized Code text files, All States zipped text file and the zipped Excel files for the Eastern, Central and Western regions).

Submitted Part 1's Report

In addition to the current data items in this report, the State Abbreviation (ST) will be added and appear as the column immediately preceding the Tracking Number. This includes the State Abbreviation also appearing on the downloadable Excel file. The modified report format is shown below (new data element is shown in bold):

ST	Tracking Number	NPA	NXX	Type of Request	Submit Date	Request Eff. Date	OCN	OCN Name	Parent OCN	Parent OCN Name	Switch	Rate Center
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Submitted Part 4's Report

In addition to the current data items in this report, the State Abbreviation (ST) will be added and appear in the column immediately preceding the Tracking Number. This includes the State Abbreviation also appearing on the downloadable Excel file. The modified report format is shown below (new data element is shown in bold):

ST	Tracking Number	NPA	NXX	Disposition	Effective Date	In Service Date	OCN	Rate Center
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Assignments Needing Part 4 Report

In addition to the current data items in this report, the State Abbreviation (ST), OCN Name and Rate Center Abbreviation will be added. This includes these new data elements also appearing on the downloadable Excel file. The modified report format is shown below (new data elements are shown in bold):

ST	Tracking Number	OCN	OCN Name	NPA	NXX	Rate Center	Part 4 Due Date	Effective Date
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4 Assumptions and Risks

As part of its assessment of this change order, NANPA is required to identify the associated assumptions and risks that can have an impact on its operations.

Assumptions:

- INC Issue 830 proposes changes to PAS-generated emails. NANPA will coordinate with the Pooling Administrator when introducing the NAS-modified emails.
- For the Central Office Code Utilized Code Report, the code effective date will only be available for codes assigned after the implementation of this change order.
- For the Submitted Part 1's and Submitted Part 4's Report, the State Abbreviation will only appear for those Part 1s and Part 4s submitted after implementation of this change order.
- NAS User Guides and other training materials will be updated as necessary to reflect the changes to the emails and reports.

Risks:

- Retaining the code effective date on the Central Office Code Utilized Code Report as well as the text and Excel files available on the NANPA public website under Central Office Code Assignment Records may impact entities that download these reports and use them in their internal systems.
- Since the data items for the Submitted Part 1's Report, the Submitted Part 4's Report and the Assignments Needing Part 4 Reports are being modified, any NAS user that imports this information into their systems may need to modify their systems to incorporate the new data elements.

5 Cost Assumptions and Summary

The proposed solution for implementation of the INC Issue 830 requires changes to NAS-generated emails and reports. NANPA has determined that the cost associated with implementing these change is \$75,451.20.

6 Conclusion

Neustar, as the NANPA, hereby seeks the FCC's approval for this Scope of Work Change. Upon approval by the FCC, NANPA will notify the industry that it is accommodating this Scope of Work change order.