



NANP Administration Services

Scope of Work Change Proposal #4

INC Issue 497: Identify Changes to INC Guidelines Based on NANC's Report and Recommendation, VoIP Service Providers' Access Requirements for NANP Resource Assignments (July 19, 2005), and FCC Order 15-70 (June 22, 2015)

and

INC Issue 797: Updates to the INC Guidelines Forms

January 3, 2016

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	4
4	Assumptions and Risks.....	4
5	Cost Assumptions and Summary.....	4
6	Conclusion.....	4

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 December 4, 2015. 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 November 17-19, 2015 INC meeting, INC Issue 497 was resolved and went to Initial Closure on December 4, 2015. This issue affects the NANP Administration System (“NAS”).

- **INC Issue 497:** Identify Changes to INC Guidelines Based on NANCs Report and Recommendation, VoIP Service Providers Access Requirements for NANP Resource Assignments (July 19, 2005), and FCC Order 15-70 (June 22, 2015)

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

A) *ISSUE STATEMENT*

On February 1, 2005, the FCC granted a waiver sought by SBC Internet Services, Inc. (SBCIS), an information service provider affiliate of SBC Communications, Inc. The Commission's waiver order allows SBCIS to obtain numbering resources directly from the North American Numbering Plan Administrator (NANPA) and Pooling Administrator (PA), and also asked the North American Numbering Council (NANC) to determine what changes in the numbering rules would be required to make numbering resources generally available to IP-enabled service providers. As a result, NANC's Future of Numbering Working Group (FoN WG) conducted analysis in response to the Commission's request and presented its report and recommendations at NANC's July 19, 2005 meeting.

The FoN recommendation adopted by NANC is that NANP resources should be directly assigned to service providers whose intent is to ensure that calls from the Public Switched Telephone Network (PSTN) will or can be completed to the telephone numbers assigned the service providers customers and end-users.

On August 1, 2005, the NANC forwarded the FoN WG's report to the FCC for its consideration. In addition, the NANC forwarded the FoN WG's report to INC (see GS-484 and its attachment) so that INC, if needed, could make the necessary changes to the appropriate INC document and other ATIS documents impacted by the FoN WG's report.

On June 22, 2015, the FCC released Report and Order 15-70, Numbering Policies for Modern Communications, to establish a process to authorize interconnected VoIP providers to obtain telephone numbers directly from number administrators. INC will review the R&O and make any required updates to affected Guidelines.

B) *FOLLOWING RESOLUTION FROM INC*

On December 4, 2015, the INC placed Issue 497 – Identify Changes to INC Guidelines Based on NANCs Report and Recommendation, VoIP Service Providers Access Requirements for NANP Resource Assignments (July 19, 2005), and FCC Order 15-70 (June 22, 2015) into initial closure, with the following language:

INC agreed to make changes to the INC Guidelines as redlined in the following contributions to enable interconnected VoIP providers to request numbering resources directly from the Numbering Administrators (per FCC Order 15-70):

- 800-855 Number Assignment Guidelines (INC-2015-00110R001)
- 9YY-NXX Code Assignment Guidelines (INC-2015-00129R001)
- CIC Assignment Guidelines (INC-2015-00134R001)
- COCAG (INC-2015-00113R002)
- Guidelines for the Administration of TNs (INC-2015-00107R002)
- LRN Assignment Practices (INC-2015-00121R001)
- Non-Geographic 5XX-NXX Code Assignment Guidelines (INC-2015-00115R002)
- NPA Allocation Guidelines (INC-2015-00102R002)
- NPA Relief Planning Guidelines (INC-2015-00103R001)
- NRUF Guidelines (INC-2015-00108R003)
- p-ANI Administration Guidelines (INC-2015-00116R001)
- TBPAG (INC-2015-00117R002)
- Vertical Service Code Assignment Guidelines (INC-2015-00106R001)

Impacted forms will be updated in RNAS, NAS, and PAS when the FCC approves the Change Orders.

During the November 17-19, 2015 INC meeting, INC Issue 797 was resolved and went to Initial Closure on December 4, 2015. This issue affects NAS.

- **INC Issue 797:** Updates to the INC Guidelines Forms

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

A) *ISSUE STATEMENT*

Some of the forms associated with INC Guidelines are inconsistently formatted, contain typos, and include outdated and incorrect information.

B) *FOLLOWING RESOLUTION FROM INC*

On December 4, 2015, the INC placed Issue 797 – Updates to the INC Guidelines Forms into initial closure, with the following language:

INC agreed to make changes to all of the forms associated with the INC Guidelines as redlined in INC-2015-00092R002. Impacted forms will be updated in RNAS, NAS, and PAS when the FCC approves the Change Orders.

3 Neustar’s Proposed Solution

INC Issues 497 and 797 propose changes to the resource application forms found in NAS for Central Office Codes, Carrier Identification Codes (CICs), the 5XX NPA and the 9YY NPA. These changes include the following:

- Updating references to the Code of Federal Regulations (CFR) that appear on the various number resource forms.
- Modifications to the iconectiv trademark for ‘CLLI’ found on various resource forms.
- Removal of unnecessary CIC and ACNA fields on the CIC Part A, B, and C forms.
- Addition of new instructions for interconnected VoIP service providers on the CIC Part A application form.
- Various changes to the 9YY application forms, including:
 - Deletion of the option to provide certification on the Part A assignment form;
 - Addition of the Months-To-Exhaust on the Part A assignment form; and
 - Addition of code information confirmation to the Part B disposition form.
- Reference to January 4, 2016 as the correct version date for the above resource forms.

The NANP Administration System (NAS) will be modified to include the above modifications on all appropriate resource forms.

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. NANPA did not identify any specific assumptions or risks associated with implementing the changes as proposed by INC Issues 497 and 797.

5 Cost Assumptions and Summary

The proposed solution for INC Issues 497 and 797 require modifications to various number resource forms found in NAS. NANPA has determined that the cost associated with implementing these change is \$29,041.54.

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.