



ATIS-0300089

P-ANI Administration Guidelines

Reissued with the resolution of Issue 866.

October 26, 2018

Published by

Alliance for Telecommunications Industry Solutions
1200 G Street, NW, Suite 500
Washington, DC 20005

Copyright © 2018 by Alliance for Telecommunications Industry Solutions
All rights reserved.

No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without the prior written permission of the publisher. For information contact ATIS at 202.628.6380. ATIS is online at < <http://www.atis.org> >.

Participants in the INC and other parties are hereby authorized to reproduce this document and distribute it within their own business organizations for business purposes, provided that this notice continues to appear in the reproduced documentation. Resale is prohibited.

A complete listing of INC Documents is available on the ATIS Web Site at: <http://www.atis.org/inc/incguides.asp>.

Trademark Acknowledgements

iconectiv®, Telcordia®, and Common Language® are registered trademarks and CLCI™, CLLI™, LERG™ Routing Guide and TPM™ Data Source are trademarks and the Intellectual Property of Telcordia Technologies, Inc. dba as iconectiv.



As a leading technology and solutions development organization, the Alliance for Telecommunications Industry Solutions (ATIS) brings together the top global ICT companies to advance the industry's most pressing business priorities. ATIS' nearly 200 member companies are currently working to address the All-IP transition, 5G, network functions virtualization, big data analytics, cloud services, device solutions, emergency services, M2M, cyber security, network evolution, quality of service, billing support, operations, and much more. These priorities follow a fast-track development lifecycle — from design and innovation through standards specifications, requirements, business use cases, software toolkits, open source solutions, and interoperability testing.

ATIS is accredited by the American National Standards Institute (ANSI). The organization is the North American Organizational Partner for the 3rd Generation Partnership Project (3GPP), a founding Partner of the oneM2M global initiative, a member of and major U.S. contributor to the International Telecommunication Union (ITU), as well as a member of the Inter-American Telecommunication Commission (CITEL). For more information, visit www.atis.org.

The Industry Numbering Committee (INC) provides an open forum to address and resolve industry-wide issues associated with planning, administration, allocation, assignment and use of North American Numbering Plan (NANP) numbering resources within the NANP area.

This document is maintained under the direction of ATIS and the INC. Suggestions for improvement of this document are welcome. They should be sent to the Alliance for Telecommunications Industry Solutions, INC Staff, 1200 G Street NW, Suite 500, Washington, DC 20005. All changes to this document shall be made through the INC issue resolution process and adopted by the INC as set forth in the *ATIS Operating Procedures*.

The INC wishes to acknowledge the cooperation of the ATIS Emergency Services Interconnection Forum (ATIS ESIF) in the development of these Guidelines.

Notice of Disclaimer & Limitation of Liability

The information provided in this document is directed solely to professionals who have the appropriate degree of experience to understand and interpret its contents in accordance with generally accepted engineering or other professional standards and applicable regulations. No recommendation as to products or vendors is made or should be implied.

NO REPRESENTATION OR WARRANTY IS MADE THAT THE INFORMATION IS TECHNICALLY ACCURATE OR SUFFICIENT OR CONFORMS TO ANY STATUTE, GOVERNMENTAL RULE OR REGULATION, AND FURTHER, NO REPRESENTATION OR WARRANTY IS MADE OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR AGAINST INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS. ATIS SHALL NOT BE LIABLE, BEYOND THE AMOUNT OF ANY SUM RECEIVED IN PAYMENT BY ATIS FOR THIS DOCUMENT, AND IN NO EVENT SHALL ATIS BE LIABLE FOR LOST PROFITS OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES. ATIS EXPRESSLY ADVISES THAT ANY AND ALL USE OF OR RELIANCE UPON THE INFORMATION PROVIDED IN THIS DOCUMENT IS AT THE RISK OF THE USER.

<p>NOTE - The user's attention is called to the possibility that compliance with this standard may require use of an invention covered by patent rights. By publication of this standard, no position is taken with respect to whether use of an invention covered by patent rights will be required, and if any such use is required, no position is taken regarding the validity of this claim or any patent rights in connection therewith. Please refer to [http://www.atis.org/portal/patentinfo.asp] to determine if any statement has been filed by a patent holder indicating a willingness to grant a license either without compensation or on reasonable and non-discriminatory terms and conditions to applicants desiring to obtain a license.</p>

TABLE OF CONTENTS

1.0	Purpose and Scope	5
2.0	Assumptions and Constraints	6
3.0	P-ANI Assignment Principles	9
4.0	Eligible User Responsibilities.....	10
5.0	RNA Responsibilities	12
6.0	Forecast and Annual Reporting Requirements.....	17
7.0	Assignment of p-ANIs.....	19
8.0	Reclamation and Return of p-ANIs	23
9.0	Appeals Process.....	25
10.0	Maintenance of These Guidelines	28
11.0	Glossary	27
12.0	Reference.....	38

P-ANI FORMS

- Attachment 1: Part 1 P-ANI Application Form
- Attachment 2: Part 3 RNA Response/Confirmation Form

- Appendix 1: P-ANI Forecast Report
- Appendix 2: P-ANI Annual Report

1.0 Purpose and Scope

This document specifies guidelines for the administration and assignment of non-dialable pseudo Automatic Number Identification (p-ANI) numbers¹ to Eligible Users in areas where access to such numbering resources has been ordered or implemented. P-ANIs are typically used for call routing and location display of callers that subscribe to a service that is either mobile, nomadic, or that involves a user telephone number containing an NPA that is foreign to the serving E9-1-1 selective routing system.

All p-ANI requests and necessary forms will be submitted by p-ANI Applicants to the Routing Number Administrator (RNA)² by filling out the appropriate request and/or form provided on the RNA Web Site (www.nationalpani.com).³ An industry database (see Section 5.1) will verify the password and access level of the user. All electronic submissions from an authorized user will be considered as an electronic signature and will be verified for authenticity utilizing criteria maintained in the RNA System. In addition, these guidelines outline the processes used between the RNA and:

- P-ANI Applicants
- Eligible Users
- P-ANI Assignees
- Governmental Agencies

P-ANI number resources, in the context of these guidelines, allows for the assignment of p-ANI numbers from the pool which consists of both NPA-211-XXXX and NPA-511-XXXX. When the 211/511 resources exhaust (See Section 5.7) within an NPA, the INC will make another NXX available to the RNA to use to replenish the p-ANI inventory. When the next available NXX is opened for the first time, the INC will determine the next non-dialable resource⁴ to be utilized for p-ANI purposes.

These guidelines apply to the assignment of p-ANI numbers within geographic numbering plan areas (NPAs) under the jurisdiction of the Federal Communications Commission (FCC). These guidelines do not preclude any future effort to address non-geographic NPAs, but it is recognized that some toll-free NPA-N11-XXXX numbers are assigned to subscribers and therefore cannot be used as p-ANIs.

P-ANIs are assigned for use in a selective routing system for which the Eligible User has approval from the E9-1-1 governing authority to route E9-1-1 traffic for termination to a Public

¹ See Crossary.

² Letter from Thomas J. Navin, Chief, Federal Communications Commission Wireline Competition Bureau to Thomas M. Kolesky, Chair, North American Numbering Council and Amy Putnam, Director, NeuStar Pooling Services; Sep. 8, 2006; <http://www.fcc.gov/edocs/publications/2006/documents/20060806.pdf>

³ Only those users with a valid profile will be permitted to submit applications or changes on behalf of an Eligible User.

⁴ The INC shall not designate the central office code "911" for use as a p-ANI resource because NPA-911-XXXX may continue to be used to represent a problem condition at the PSAP.