

**Industry Numbering Committee (INC)**  
of the  
**Alliance for Telecommunications  
Industry Solutions (ATIS)**

**Ken Havens - INC Chair**  
**Adam Newman - INC Vice Chair**



# About INC

- **The Industry Numbering Committee (INC) was formed in July 1993 as a result of the first study by NANPA of the future of numbering. It first met in October 1993, to promote the discussion and resolution of numbering issues in a single forum. Since then, the INC has met regularly and has reviewed more than 450 numbering-related issues.**



# INC Mission

- **INC provides an open forum to address and resolve telecommunications industry-wide issues associated with the planning, administration, allocation, assignment and use of North American Numbering Plan (NANP) numbering resources and related dialing considerations for public telecommunications within the NANP area.**



## **INC's Continuing Work in “the Future of Numbering”**

- **Since 1993, INC has provided the open forum for subject matter experts to work on issues and develop studies, operational procedures and guidelines leading to efficient implementation of numbering plan evolution and optimization.**
- **The following two slides enumerate some of the studies, reports and issues that started as the “future of numbering” at INC including: local number portability, number pooling, NANP expansion, number assignment, “D Digit” release, block donations, and VoIP numbering.**



# Prior INC Work on Future of Numbering

- Procedures for Change in E.164 Country Code Assignments (1995)
- INC Report on Number Portability (1996)
- INC Initial Report to the North American Numbering Council (NANC) on Number Pooling (1997)
- 500/900 Report on LEC Number Portability (1998)
- Toll Free Resource Exhaust Relief Planning Guidelines (1998)
- Uniform Dialing Plan (1998)
- INC Report on PCS N00 Portability (1999)
- Industry Numbering Committee (INC) Recommended Plan for Expanding the Capacity of the North American Numbering Plan (2001)
- INC Report on Unassigned Number Porting (UNP) (2001)
- D Digit Report (2003)



# INC Issues on Future of Numbering

- **Issue 001: Assignment Guidelines for NXX Codes Within N00 Codes for Personal Communications Services**
- **Issue 003: CO Code (NNX/NXX) Assignment Guidelines in Geographic NPAs**
- **Issue 004: Assignment Guidelines Development for 640 INPAs [Interchangeable NPAs]**
- **Issue 007: Guidelines for the Establishment and Migration Toward PCS Number Portability**
- **Issue 006: Overlay/Planning for NPA Code Relief**
- **Issue 008: SMDS Numbering Plan**
- **Issue 012: World Zone 1 Universal Number(s) for TRS**
- **Issue 017: Number Portability**
- **Issue 018: Long Term Numbering Plan**
- **Issue 020: Uniform Dialing Plan**
- **Issue 021: Abbreviated Dialing**
- **Issue 022: NANP Format Expansion**
- **Issue 023R1: Public Data Numbering and Dialing**
- **Issue 047: Interim Exhaust Relief Measures for 800 Numbers**
- **Issue 090: 500 Portability Response to the FCC**
- **Issue 091: 900 Portability Response to the FCC**
- **Issue 092: 500/900 Portability Technical Feasibility**
- **Issue 102: Assignment and Administration of Location Routing Numbers (LRN)**
- **Issue 105: Number Pooling**
- **Issue 116: Proposed Use of NXX 911 for Emergency Purposes**
- **Issue 122: Request for Assistance in the Study of E.164 Country Code Exhaust**
- **Issue 153: Government Emergency Telephone Service (GETS) Notification - NPA 710**
- **Issue 159: "D" Digit Release Study**
- **Issue 160: Criteria and Guidelines for the Donation of Blocks in a Number Pooling Environment**
- **Issue 164: Individual Telephone Number (ITN) Pooling Administrative Guidelines**
- **Issue 393: Report on VoIP Numbering Issues**
- **Issue 429: Non-Dialable ESRDs or ESRKs**



# INC is the Proper Forum

- **INC has resolved issues as the numbering plan has evolved in the US starting with developing the LNP-LRN paradigm, to number pooling and beyond, and INC stands ready to continue its work in this regard.**
- **INC is open to all members of the telecom sector, including state and federal regulators, and has a broad past and current membership.**
- **With the ATIS structure, INC has a demonstrated process to successfully resolve technical and operation issues involved with the future of numbering.**
- **INC is ready to address “changes in numbering administration policies, practices or procedures required to accommodate reasonably foreseeable changes in the demand for numbers.”**
- **INC will open an Issue to study/address items from the symposium that are within its mission and scope.**



# Relevant INC Web Pages

- **INC Homepage (front page to all INC links):**  
<http://www.atis.org/inc/index.asp>
- **INC Calendar (future meeting logistics/agendas):**  
<http://www.atis.org/inc/calendar.asp>
- **INC Issues (historical and active links):**  
<http://www.atis.org/inc/incissue.asp>
- **INC Published Documents:**  
<http://www.atis.org/inc/docs.asp>

