

Transitioning to the North American Numbering Plan

Administrative Considerations

Contacts

- Telcordia Technologies
http://www.trainfo.com/products_services/tra/downloads/
 - Announcing and Updating all CO codes in networks
 - Updating of LERG
 - Home Network Identifier codes (HNI's) for GSM networks
 - SS7 point code administration
- IFAST www.ifast.org
 - International roaming for ANSI-41 Standard for SID for CDMA mobile phones
- NANPA. www.nanpa.com
 - NPA (area codes) assignments for the NANP
 - Carrier Identification Codes (CICS) used with Indirect Access
 - Monitor usage of CO codes in NPA's
- Alliance for Telecommunications solutions (ATIS) www.atis.org
 - Committees dealing with various Telecom. industry issues
 - Industry Numbering Committee (INC)
- National Exchange Carrier Association (NECA) www.neca.org

ATIS committees

- [Automatic Identification and Data Capture Committee](#) (AIDC - Formerly BCSC)
- [Copper/Optical Access, Synchronization and Transport Committee](#) (COAST)
- [Emergency Services Interconnection Forum](#) (ESIF)
- [IPTV Interoperability Forum](#) (IIF)
- [Industry Numbering Committee](#) (INC)
- [IMSI Oversight Council](#) (IOC)
- [Next Generation Interconnection Interoperability Forum](#) (NGIIF)
- [Network Reliability Steering Committee](#) (NRSC)
- [Committee O5 - Wood Poles](#) (O5)
- [Ordering and Billing Forum](#) (OBF)
- [Protection Engineers Group](#) (PEG)
- [Network Performance, Reliability and Quality of Service Committee](#) (PRQC)
- [Packet Technologies and Systems Committee](#) (PTSC)
- [SMS/800 Number Administration Committee](#) (SNAC)
- [Service Oriented Networks Forum](#) (SON)
- [Sustainability in Telecom: Energy and Protection Committee](#) (STEP)
- [Telecommunications Fraud Prevention Committee](#) (TFPC)
- [Telecom Management and Operations Committee](#) (TMOC)
- [Wireless Technologies and Systems Committee](#) (WTSC)

Industry Guidelines

- Obtained from ATIS (www.atis.com) and Telcordia Routing Administration (www.trainfo.com)
- Central Office Code Assignment guidelines
ATIS – 0300051- November 20, 2009
Vertical Service Code Assignment guidelines

Numbering Plan

- The NANP Numbering plan is on the format:
- 1 NXX-NXX-XXXX (Where 1 is the country code)
- The first NXX is the area code- St Maarten's area code is 721
- The second NXX- Central Office Code N = 2-9
- XXXX- *station number X = 0-9*
- *A St Maarten telephone number will look like +1-721-NXX-XXXX from 31st May 2010 (scheduled)*

Numbering Plan Development

- Identify services
 - Fixed line services
 - Mobile services
 - Service codes
 - Plant Test codes
 - Vertical services codes
 - Toll free services
 - Carrier identification codes (CICS)
 - Home network Identifier codes (HNI)

Service codes

- Service codes
 - 211 Community Information and Referral Services
 - 311 Non-Emergency Police and Other Governmental Services
 - 411 Local Directory Assistance
 - 511 Traffic and Transportation Information (US); Provision of Weather and Traveller Information Services (Canada)
 - 611 Repair Service
 - 711 Telecommunications Relay Service (TRS)
 - 811 Access to One Call Services to Protect Pipeline and Utilities from Excavation Damage (US); Non-Urgent Health Triage Services (Canada)
 - 911 Emergency

Home Network Identifiers

- Based on ITU-T Rec E.212
- ITU-TSB assigns MCC
- Enables mobile carriers to be identified when their subscribers are roaming
- 15 digit number consisting of
 - Mobile Country Code (MCC) 3 digits- 362 N.A.
 - Mobile Network code (MNC) 3 digits
 - Mobile Subscriber identification Number (MSIN) 9digits

Vertical services codes

- The current assignment of vertical service codes can be viewed on http://www.nationalnanpa.com/number_resource_info/vsc_assignments.html. Usually activated by dialling *XX on a touch tone telephone.

Toll free codes

- 800
- 888
- 877
- 866
- 855

Public Education

- New access code for calls made to nations in country code 1 e.g. USA, Canada, English speaking Caribbean islands, Puerto Rico
- New access code for calls made to nations outside of country code 1
- Emergency codes
- Service codes
- New rates