**Origination Date:** 08/12/16

**Originator:** iconectiv

### Change Order Number: NANC 486

**Description:** FRS Doc-Only Clarifications

**Functional Backwards Compatible:** Yes

**IMPACT/CHANGE ASSESSMENT**

|  |  |  |
| --- | --- | --- |
| DOC | FRS | IIS |
| Y | N |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CMIP | GDMO | ASN.1 | **NPAC** | SOA | LSMS |
| N | N | N | N | N |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| XML | XIS | XSD | **NPAC** | SOA | LSMS |
| N | N | N | N | N |

**Business Need**

Documentation updates.

**Description of Change:**

Changes detailed below.

Requirements:

NPAC SMS Data Models (changed text in yellow highlights)

| **Number Pooling NPA-NXX-X holder Information Data MODEL** |
| --- |
| **Attribute Name** | **Type (Size)** | **Required** | **Description** |
| NPA-NXX-X ID | N | √ | A unique sequential number assigned upon creation of the NPA-NXX-X. |
| NPAC Customer ID- | C(4) | √ | The Service Provider Id of the NPA-NXX-X holder. |
| NPA-NXX-X | N(7) | √ | NPA-NXX-X of the 1K Block. |
| NPA-NXX-X Effective Date | T | √ | The effective date of the 1K Block. The time for this field will be stored in GMT, but equivalent to 00:00:00 network data time C~~S~~T. |
| [snip] |  |  |  |

Table ‑ Number Pooling NPA-NXX-X Holder Information Data Model

December 2016. The update below is a copy of the original update that was a part of NANC 455, Update SP Type and SV Type for FCC VoIP Numbering Trial. The GDMO and ASN.1 in NANC 455 were updated, but the FRS was inadvertently left out. That is why it is copied in here.

Update the data model for the SP Type and SV Type.

###  NPAC Customer Data

NPAC Customer Data contains information about NPAC customers participating in the LNP service. The data items that need to be administered by NPAC Customer Data Management are represented in the tables that follow:

1. A check in the “Required” column means that this attribute must exist in the record before the record is considered useable.

| **NPAC CUSTOMER DATA MODEL** |
| --- |
| **Attribute Name** | **Type (Size)**  | **Required** | **Description** |
| NPAC Customer ID | C (4) | √ | An alphanumeric code which uniquely identifies an NPAC Customer. |
| NPAC Customer Name | C (40) | √ | A unique NPAC Customer Name. |
| [snip] |  |  |  |
| Current shown below: |  |  |  |
| Service Provider Type | E | √ | Enumeration indicating what type of service provider the NPAC Customer is:* Wireline (0)
* Wireless (1)
* Non-Carrier (2)
* Class 1 Interconnected VoIP (3)
* SP Type 4 (4) (supported by the interface, but not accepted until industry use defined)
* SP Type 5 (5) (supported by the interface, but not accepted until industry use defined)
 |
| [snip] |  |  |  |
| New text below: |  |  |  |
| Service Provider Type | E | √ | Enumeration indicating what type of service provider the NPAC Customer is:* Wireline (0)
* Wireless (1)
* Non-Carrier (2)
* Class 1 Interconnected VoIP provider. Also, Class 2 interconnected VoIP provider, eligible for direct assignment of NANP numbering resources from the NANPA and PA. (3)
* SP Type 4 (4) (supported by the interface, but not accepted until industry use defined)
* SP Type 5 (5) (supported by the interface, but not accepted until industry use defined)
 |

Table 3‑2 NPAC Customer Data Model

###  Subscription Version Data

Subscription Version Data consists of information about the ported TNs. The data items that need to be administered by Subscription Version Data Management functions are identified in the table that follows:

| **SubscriPTION VERSION Data MODEL** |
| --- |
| **Attribute Name** | **Type (Size)** | **Required** | **Description** |
| Version ID | N | √ | A unique sequential number assigned upon creation of the Subscription Version. |
| LRN | TN | √ | The LRN is an identifier for the switch on which portable NPA-NXXs reside. |
| [snip] |  |  |  |
| Current shown below: |  |  |  |
| SV Type | E | √ | Subscription Version Type. Valid enumerated values are:1. Wireline – (0)
2. Wireless – (1)
3. Class 2 Interconnected VoIP – (2)
4. VoWIFI – (3)
5. Prepaid Wireless – (4)
6. Class 1 Interconnected VoIP – (5)
7. SV Type 6– (6)

This field is only required if the service provider supports SV Type data. |
| [snip] |  |  |  |
| New text below: |  |  |  |
| SV Type | E | √ | Subscription Version Type. Valid enumerated values are:1. Wireline – (0)
2. Wireless – (1)
3. Class 2 Interconnected VoIP – (2)
4. VoWIFI – (3)
5. Prepaid Wireless – (4)
6. Class 1 Interconnected VoIP provider. Also, Class 2 interconnected VoIP provider, eligible for direct assignment of NANP numbering resources from the NANPA and PA. – (5)
7. SV Type 6– (6)

This field is only required if the service provider supports SV Type data. |

Table 3‑6 Subscription Version Data Model

NPAC Customer Data

None.

NPAC Network Data

None.

NPAC Pooling Data

RR3-130 Number Pool Block Holder Information – SOA Origination Values

NPAC SMS shall ~~set~~default the SOA Origination to TRUE for Blocks sent over the SOA-to-NPAC SMS Interface or for Blocks sent over the NPAC SOA Low-tech Interface, and default the SOA Origination to FALSE for Blocks that were created by NPAC personnel, except where the value will be maintained from the Old Block, as a result of an NPA Split. (Previously B-100)

NOTE: NPAC Personnel have the capability to override the default value of FALSE, and set it to TRUE, when creating Blocks.

RR3-114 Query of Number Pool NPA-NXX-X Holder Information – Return of Queried Data – NPA-NXX-X Data

NPAC SMS shall return to the NPAC Personnel or requesting Service Provider all NPA-NXX-Xs that match the query selection criteria, as listed in the NPA-NXX-X Holder Information Data Model, for an NPA-NXX-X as stored in the NPAC SMS. (Previously N-360)

RR3-115 Query of Number Pool NPA-NXX-X Holder Information – Return of Queried Data ~~to NPAC Personnel Only~~– Block Create Scheduled Event Data

NPAC SMS shall provide an indicator to NPAC Personnel ~~only, an indicator~~ on the NPAC Administrative Interface, or requesting Service Provider on the NPAC Low-Tech Interface ~~only after completing a query~~, if an associated Block Create Scheduled Event, that has not been executed, exists in the NPAC SMS. (Previously N-365)

NPAC Subscription Data

None.

NPAC Audit Data

None.

NPAC Other Data (Mass Updates, SPID Migration, Maintenance, Filters, etc.)

None.

NPAC Tunable Data

None.

NPAC BDD Data

None.