**Origination Date:** 8/22/17

**Originator:** iconectiv

### Change Order Number: NANC 508

**Description:** Recovery SPName

**Functional Backwards Compatible:** Yes

**IMPACT/CHANGE ASSESSMENT**

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

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

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

**Business Need**

When recovering network data – either using SWIM or time/record-based recovery – some local systems expect to receive a value for the optional service-prov-name (service provider name) attribute, even though the service provider name is not included in non-recovery download messages to create/modify/delete network data. Providing the service provider name in network recovery messages allows local systems to create a service provider object if they do not support recovery of service provider data (or prior to the implementation of service provider data recovery introduced in NANC 352). Also see PIM 96.

**Description of Change:**

Changes detailed below.

FRS:

Section 6.7.2 Network Data Recovery

Req 1 Network Data Recovery – Inclusion of NPAC Customer Name

When a network data object is recovered, the NPAC SMS shall include in the message to the SOA or LSMS the NPAC Customer Name associated with the NPAC Customer ID of the network data object recovered.

Note: The NPAC Customer Name is not provided in non-recovery download messages to the SOA/LSMS.

GDMO:

GDMO Behavior (changed text in yellow highlights)

-- 1.0 LNP Download Action

lnpDownload ACTION

BEHAVIOUR

lnpDownloadDefinition,

lnpDownloadBehavior;

MODE CONFIRMED;

WITH INFORMATION SYNTAX LNP-ASN1.DownloadAction;

WITH REPLY SYNTAX LNP-ASN1.DownloadReply;

REGISTERED AS {LNP-OIDS.lnp-action 1};

[snip]

lnpDownloadBehavior BEHAVIOUR

DEFINED AS !

[snip]

Criteria for a network data download is a time range, service

provider id or all service providers, an npa-nxx range or all

npa-nxx data, an npa-nxx-x range or all npa-nxx-x data, an LRN

range or all LRN data, or all network data. Specifying

"all-network-data" includes the serviceProvNPA-NXX-X object if the

Local SMS supports the object according to their service provider

profile NPAC Customer LSMS NPA-NXX-X Indicator. The SOA supports

the object according to their service provider profile NPAC Customer

SOA NPA-NXX-X Indicator.

In response messages from the NPAC where network data is returned to the local system (SOA or LSMS), the NPAC will populate the service-prov-name with the name of the service provider specified in the service-prov-id field. This applies to both SWIM and non-SWIM recovery methods.

[snip]