**Origination Date:** 09/11/18

**Originator:** iconectiv

### Change Order Number: NANC 529

**Description:** Multiple SVs for TN in BDD File

**Functional Backwards Compatible:** No

**IMPACT/CHANGE ASSESSMENT**

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

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

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

**Business Need**

During the transition of the NPAC, it was identified that Subscription Version Bulk Data Download Files (SV BDDs) produced by iconectiv can have multiple records for a TN. This may cause issues for providers when they process the SV BDD File. It was determined that the NPAC SMS FRS requirement that identified how SV BDD files are produced will allow for this condition to exist. To eliminate impacts to SV BDD users, the NPAC SMS requirements and implementation should be updated to only allow for a single record per TN to be present in the file. Also see PIM 114.

**Description of Change:**

Changes detailed below.

FRS Changes:

Change the NPAC SMS FRS requirements to identify that only one SV record for a TN should exist in the BDD file. If multiple SV records exist for a TN in the NPAC SMS when the SV BDD file is produced, then the most recent record should appear in the BDD file.

[snip]

**RR3-314 Subscription Version Information Bulk Download File Creation – Data in Active/Disconnect Pending/Partial Failure Subscription Versions Only Choice**  
  
NPAC SMS shall use the *Active/Disconnect Pending/Partial Failure Subscription Versions Only* selection to only include Subscription Versions with a status of either Active, Disconnect Pending, Partial Failure, or Sending that is being downloaded for either an activate or modify but not a disconnect, in the Subscription Version Bulk Data Download file. (previously NANC 169 Req 4)

Note: multiple SVs for a TN can exist when a subsequent port of a currently active ported TN is activated (the subsequent port gets set to a “sending” status when the SV is broadcast while the currently active port remains in an “active” status until LSMSs respond to the broadcast). If multiple SVs exist for a TN when the SV BDD File is produced, then only the most recent SV, based on activation request timestamp, will be output to the SV BDD File (this will also be the SV that has a “sending” status).

RR3-315 Subscription Version Information Bulk Download File Creation – Data in Latest View of Subscription Version Activity Choice

NPAC SMS shall use the *Latest View of Subscription Version Activity* selection to include all Subscription Versions, regardless of status, in order to capture activation, modification, and deletion transactions for Subscription Version data, but only include the latest instance of the TN in the Subscription Version Bulk Data Download file, for a given NPA-NXX, when a Subscription Version has more than one activity (e.g., addition, then modification) within the specified time range. (previously NANC 169 Req 5)

Note: The format of the BDD file doesn’t change based on the status of the SV but some of the fields may be blank. Example: Creates and modifies would have all the attributes specified but disconnect and deletes would have many fields null.

[snip]