LNP Problem/Issue Identification and Description Form

**Submittal Date** (mm/dd/yyyy): 09/11/2018

**Company(s) Submitting Issue**: iconectiv

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**(NOTE: Submitting Company(s) is to complete this section of the form along with Sections 1, 2 and 3.)**

1. **Problem/Issue Statement:** (Brief statement outlining the problem/issue.)

During transition, it became apparent to iconectiv that there were a number of SPIDs in the NPAC database that were no longer in use.  iconectiv has carefully planned a clean-up process for obsolete SPIDs.  One way that a SPID is designated as obsolete is that the owner of that SPID definitively indicated to iconectiv that it should not be Onboarded to the iconectiv NPAC.  The clean-up process has now begun.  A user noticed that two of the deleted SPIDs were still indicated in the Last Alt SPID field.   One SPID was in 14 records; one SPID was in 1 record.

1. **Problem/Issue Description:** (Provide detailed description of problem/issue.)
2. Examples & Impacts of Problem/Issue:   
   As iconectiv was investigating this issue, iconectiv discovered two potential issues: one concerning the Alt SPID and Last Alt SPID fields and their treatment in the FRS and one concerning deleting SPIDs from the NPAC SMS.

The first issue: although there is narrative in Section 1.2.16 of the FRS that indicates an Alt SPID or Last Alt SPID needs to be a valid SPID in the NPAC SMS database (and the iconectiv NPAC implementation supports this), there are no formal requirements in the FRS requiring this.

The second issue: The current NPAC SMS requirements for deleting SPIDs are not clear. The requirements are:

**R4‑21 Error Message for Delete key search**

NPAC SMS shall generate an error message and send it to the request originator, if the Service Provider data does not exist, or if it has already been deleted and exists only in a history file. NPAC SMS will not proceed further with the deletion request.

**R4-22.1 No Subscription Versions during Service Provider Delete**

NPAC SMS shall perform the deletion of the Service Provider data, notify the user that the deletion request was successful, if there are no affected Subscription Versions, and write the Service Provider data to a history file.

**R4-22.2 Subscription during Service Provider Delete**

NPAC SMS shall notify the user that the request to delete the Service Provider data cannot be completed until the affected individual Subscription Versions are modified, if affected Subscription Versions are found.

The meaning of “affected” subscription versions is not clear. It originally meant the New or Old SPID on SVs prior to the Alt SPID and Last Alt SPID fields being defined. Even as recent as NANC change order 453, Change Definition and Disallow Use of Inactive SPID, the deletion of a SPID focused on the New/Old SP fields on the SV (NANC 453 will allow a SPID to be deleted even if it is only the old SP on active SVs).

Should a SPID populated in the Alt SPID or Last Alt SPID field of SVs be a consideration in Deleting that SPID from the NPAC?

B. Frequency of Occurrence:  
Whenever a deleted SPID is also populated on active-like SVs in the Alt SPID or Last Alt SPID field in the NPAC.

1. NPAC Regions Impacted:

Mid Atlantic \_\_\_ Midwest\_\_\_ Northeast\_\_\_ Southeast\_\_\_ Southwest\_\_\_ Western\_\_\_

West Coast\_\_\_ ALL US regions X\_\_

D. Rationale why existing process is deficient: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
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E. Identify action taken in other committees / forums: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

F. Any other descriptive items: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Suggested Resolution:**

If the current definition of requirements for the Alt SPID and Last Alt SPID fields as well as SPID deletion validations are deemed to be “not clear”, then the TOSC should identify/clarify requirements in a NANC Change Order and schedule the Change Order in a future Industry release.

1. **Final Resolution:**

This issue resulted in the creation and acceptance of a NANC Change Order. For further detail, refer to the NANC Change Order(s) identified in the Related Documents field below.

**LNPA WG:** (only) Final Resolution Date: 6/2/2020

Item Number: PIM 121 v3 Related Documents: NANC 535

Issue Resolution Referred to: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Why Issue Referred: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_