LNP Problem/Issue Identification and Description Form

**Submittal Date** (mm/dd/yyyy): 05/09/2018

**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.)

SV modify requests on pending SVs that contain a due date that is identical to and does not modify the due date on the SV in the NPAC DB does not send Attribute Value Change (AVC) notifications to the submitting SP SOA. A Service Provider indicated that the Neustar NPAC does generate AVC notifications in these situations.

1. **Problem/Issue Description:** (Provide detailed description of problem/issue.)
2. Examples & Impacts of Problem/Issue:   
   iconectiv based its implementation of SV modify processing based on wording in the NPAC SMS FRS, EFD, and GDMO documentation. This included not sending an AVC to a submitting SOA when the attribute values in a modify request were the same as the values already on the SV in the NPAC DB. Following are examples of NPAC SMS documentation concerning generating AVC notifications:

GDMO – subscriptionVersionNPAC object behavior snippet:

Attribute value change notifications will be sent to both service

provider SOAs when the following attribute values change for a pending,

cancel-pending, or conflict subscription versions (AVCs are not sent for

modify active subscription versions). Also when the NPAC automatically

sets a subscription version from cancel-pending to conflict upon

expiration of the appropriate timers:

subscriptionNewSP-DueDate

subscriptionNewSP-CreationTimeStamp

subscriptionOldSP-DueDate

subscriptionOldSP-Authorization

subscriptionOldSP-AuthorizationTimeStamp

subscriptionStatusChangeCauseCode

subscriptionVersionStatus

Errors and Flow Document, Flow B5.2.3, SubscriptionVersion Modify Prior to Activate Using M-ACTION snippet:

[snip]

Step 3: NPAC SMS issues, depending upon the old service provider’s TN Range Notification Indicator, an attributeValueChange or subscriptionVersionRangeAttributeValueChange M-EVENT-REPORT to the old service provider SOA. If the subscriptionVersionStatus was set to conflict, include the subscriptionConflictTimeStamp attribute in the broadcast. Attribute value change notifications will be sent to both service provider SOAs when the following attribute values change for a pending, cancel-pending, conflict, or disconnect-pending subscription version.  
 {list of attributes omitted}

[snip]

Service Providers have indicated that the Neustar NPAC does send an AVC in this situation.

B. Frequency of Occurrence:  
Whenever an SV Modify request contains a due date that equals the due date on the SV in the NPAC SMS database.

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 implementation by iconectiv is determined to be an Industry issue to be worked by the LNPA Transition Oversight Subcommittee, 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: 10/28/18

Item Number: PIM 113 Related Documents: NANC 527

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

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