LNP Problem/Issue Identification and Description Form

**Submittal Date** (mm/dd/yyyy): 03/12/2018

**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.)

Based on feedback from current users of the Neustar NPAC, there appears to be a need to utilize Hold – Replay functionality for CMIP mechanized users that is not related to those users transitioning from a CMIP implementation to an XML implementation.

1. **Problem/Issue Description:** (Provide detailed description of problem/issue.)
2. Examples & Impacts of Problem/Issue:

iconectiv based its implementation of the Hold/Replay XML functionality on the FRS Section 3.17 Customer Onboarding description and stated requirements. iconectiv implemented these requirements for Customers initially onboarding to XML interfacing systems or transitioning from CMIP to XML interfacing systems as per the statement in the introduction “*this feature fills a synchronization gap for service provider systems that are new to the XML interface*”. In customer testing of the Hold/Replay functionality, it was reported that the iconectiv implemented process is different than the incumbent in that the feature in the iconectiv implementation was not extended to be used in a CMIP-only implementation not related to transitioning between CMIP and XML.

Even though there are existing recovery mechanisms supported in CMIP (time/SWIM recovery, BDD/delta BDD files), there may be an additional need to support Hold/Replay functionality for CMIP users that are experiencing issues. The iconectiv implementation was based on the description in 3.17 and on the current Industry documentation/procedures for CMIP recovery. This implementations includes the use of the BDD and delta BDD files in conjunction with mechanized time or SWIM based recovery for CMIP and Hold/Replay for XML. There are no explicit requirements in the FRS for supporting Hold/Replay for CMIP interfacing system.

B. Frequency of Occurrence:  
Unknown. Although the incumbent cited the feature was used approximately 90 times in 2017 at the March 2018 LNPA TOSC meeting, there was no distinction of its use for CMIP interfacing systems vs use for CMIP systems transitioning to XML.

1. NPAC Regions Impacted:

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

West Coast\_\_\_ ALL US regions\_X\_\_

D. Rationale why existing process is deficient:   
The implemented process is not deficient for the original intended purpose. If the Industry determines that an expanded process to include CMIP users is needed, then a new process should be agreed to and documented by the Industry.

E. Identify action taken in other committees / forums: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

F. Any other descriptive items: iconectiv requested the M&Ps used by the incumbent LNPA for the existing Hold / Replay process but was told that XML M&Ps are implementation specific and not publicly available.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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:**

After Industry discussion at the LNPA TOSC meetings, it was determined by the Industry that there is no need for this functionality and therefore the PIM was resolved.

**LNPA WG:** (only) Final Resolution Date: 7/10/18

Item Number: PIM 109 Related Documents:

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

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