NANC – LNPA Working Group Problem/Issue Identification Document

**LNP Problem/Issue Identification and Description Form**

**Submittal Date** (mm/dd/yyyy): 10 /04/2010 **Company(s) Submitting Issue**: Verizon **Contact(s): Name** Gary Sacra

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

**PIM 80**

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

A significant quantity of ported/pooled NPAC database records currently contain LRNs that are in a different LATA than their associated ported/pooled telephone numbers (TNs). This is resulting in customer complaints that they are not receiving all of their telephone calls.

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

A. Examples & Impacts of Problem/Issue: Verizon has received trouble reports from a Service Provider stating that some of their customers are not receiving all of their calls from Verizon customers. Further investigation showed that the Service Provider had associated an out-of-LATA LRN with a number of their pooled blocks. Analysis shows that approximately 10,700 SVs (58% of these are in 8 pooled blocks) in the NPAC databases are impacted with 120 SPIDs involved. Because of the call routing issues resulting when an out-of-LATA LRN is associated with a ported/pooled number in the NPAC, the NPAC currently contains an edit to ensure that newly created SVs and pooled blocks contain LRNs that are associated with the same LATA as the ported/pooled number. These 10,700 impacted SVs may precede the addition of this edit or were possibly added during a period when the edit was relaxed.

B. Frequency of Occurrence: Analysis shows that approximately 10,700 SVs (58% of these are in 8 pooled blocks) are impacted with 120 SPIDs involved.

C. NPAC Regions Impacted:

Canada Mid Atlantic Midwest Northeast Southeast Southwest Western

West Coast ALL X

D. Rationale why existing process is deficient:

E. Identify action taken in other committees / forums: N/A

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F. Any other descriptive items: Per the Industry Numbering Committee’s LRN Assignment Practices:

An LRN is a 10-digit number, in the format NPA-NXX-XXXX, that uniquely identifies a switch or point of interconnection (POI) per LATA. The NPA-NXX portion of the LRN is used to route calls to numbers that have been ported.

A service provider will establish one (1) LRN per LATA from an assigned NXX for each recipient switch or POI in the number portability capable network.

1. **Suggested Resolution:**

Neustar has previously worked with Service Providers during cleanup efforts related to out-of-LATA LRNs. Verizon requests that the LNPA WG recommend to the NAPM LLC that Neustar be directed to develop a Statement of Work (SOW) in order to begin another cleanup process with involved Service Providers as soon as possible so that these routing issues can be eliminated.

1. **Final Resolution:**

An analysis was performed of SVs with incorrect LATAs and at the 1/11/12 LNPA WG it was decided to perform the cleanup work without an SOW. Neustar completed the removal of the 3,976 SVs and 9 pool blocks in May ’13.

3/7/13 this PIM was CLOSED

**LNPA WG:** (only) Final Resolution Date: 3/7/13

Item Number: PIM 080 v2 Related Documents:

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

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