NANC – LNPA Working Group Problem/Issue Identification Document

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

**Submittal Date** (mm/dd/yyyy): 06/21/2001 **PIM 015 v2**

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

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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.)

In order to change the NXX code “ownership” from one service provider to another in NPAC, any active ported numbers within that code must be deleted before the ownership change can be performed. This temporarily prevents these ported customers from receiving most calls until their subscription record is recreated.

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

A. Examples & Impacts of Problem/Issue:

Central Office (NXX) codes are returned to the North American Numbering Plan Administrator (NANPA) by the current LERG-assignee for reasons such as ceasing service in the area served by that NXX code, or ceasing service completely (e.g. bankruptcy). When these returned codes contain active ported numbers, procedures outlined in the INC’s Central Office Code Assignment Guidelines are used to select a new service provider as the LERG-assignee. In order to change ownership of the NXX code to the new LERG- assignee in NPAC, the active ported numbers must first be deleted in NPAC and subtending service providers’ LNP databases. This is a service affecting condition until their ported records are re-established. Changing ownership of the code in NPAC is necessary to enable subsequently assigned numbers in the code to port, if the end user chooses.

B. Frequency of Occurrence:

Every time an active ported record is deleted in order to change service provider ownership of its NXX code in NPAC, the customer loses ability to receive most calls until their record is recreated and broadcasted.

C. NPAC Regions Impacted:

Canada Mid Atlantic Midwest Northeast Southeast Southwest Western

West Coast ALL\_X\_

D. Rationale why existing process is deficient:

When NXX codes with active ported numbers are reassigned to a different service provider in NPAC to enable porting of subsequently assigned numbers within the code, the existing ported numbers must first be deleted, temporarily affecting the ported customers’ incoming service.

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E. Identify action taken in other committees / forums:

In addition to the Local Number Portability Administration Working Group (LNPA WG), this issue is currently being discussed in the Industry Numbering Committee (INC). The LNPA WG has developed requirements for the ability to mass update the Service Provider Identification (SPID) associated with an NXX code without taking ported customers out of service. This functionality has been assigned NANC Change Orders 217 and 323, but is not currently scheduled for a future NPAC software release. The proposed resolution described below is in lieu of NANC 217/323 until such time the SPID mass update capability is implemented.

F. Any other descriptive items:

1. **Suggested Resolution:**

The following actions are proposed to resolve this issue:

* The 10 thousands blocks from a returned NXX code containing active ported numbers should be turned over to the Pool Administrator and allocated to pooling participants serving the associated rate area. Once the blocks are activated, block ownership supercedes NXX code ownership, thus enabling the porting of subsequently assigned numbers in all 10 thousands blocks.
* In a non-pooling area, but one in which there are pooling-capable carriers, i.e., carriers whose systems interact with NPAC in areas where pooling is in effect and can accept pool broadcasts, the national Pool Administrator, wherever possible, should use existing procedures to instruct NPAC to generate pooled block broadcasts. This step requires INC to modify Pool Administrator guidelines to describe how service providers to whom blocks can be sent are identified and how blockholder porting information needed by NPAC is obtained. The INC should also address guidelines for any areas where this is not yet possible.
* In the case where an NXX code has been returned because the current LERG-assignee has gone out of business, a new LERG-assignee should be selected in accordance with existing INC assignment guidelines. In the case where the current LERG-assignee is still viable, but has merely ceased providing service in the area served by the returned NXX code, consideration should be given to requiring that service provider to maintain their LERG-assignee responsibilities ongoing if possible. This responsibility would basically consist of performing any donor network queries of last resort, which would be expected to be minimal if at all. This proposal is regardless of whether or not this service provider receives any of the thousands blocks from the pool. This would prevent any disruption of service for customers within the NXX code in order for carriers to change routing translations to a new LERG-assignee. Note that pooled blocks given to the codeholder also must be ported under the proposed process in order to allow the NPAC's block ownership table to override the NXX ownership table for these blocks as well. Regardless of whether or not the LERG-assignee is changed, the block ownership for each of the 10 thousands blocks takes precedence in NPAC, eliminating the need to change ownership of the NXX code in NPAC.
* The steps outlined above require INC action to provide for service providers to exercise the option of applying for utilization waivers in those cases where a carrier is required to accept numbering resources, i.e., actual numbers, not just the default routing responsibility for the NXX code itself.
1. **Final Resolution:**

The INC has addressed these issues in their Procedures for Code Holder/LERG Assignee Exit.

**LNPA WG:** (only) Final Resolution Date: 06/11/2003

Item Number: 015 v2 Related Documents: PIM 014

Issue Resolution Referred to: INC

Why Issue Referred: INC has responsibility for PA Guidelines which required an update