Problem/Issue Identification and Description

**Submittal Date** (mm/dd/yyyy): 08/07/2024 **PIM # 154**

**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.)

Currently, though NPBs having a pseudo-LRN (LRN = 000-000-0000) and the associated NPA-NXX-Xs are migrated when the NPA-NXX of the NPB exists in the NPA-NXX SIC-SMURF file, some local systems are only migrating the NPA-NXX-Xs that exist in the NPA-NXX-X SIC-SMURF file, which would not be the case for these pseudo-LRN NPBs.

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

A. Examples & Impacts of Problem/Issue:

During a SPID Migration, the active-like SVs and NPBs, with the From SPID as the current service provider and having a regular non-pseudo-LRN (LRN ≠ 000-000-0000), are migrated if they contain an LRN specified in the LRN SIC-SMURF file. The LRNs in the LRN SIC-SMURF file must be owned by the From SPID in the SPID Migration. Consistency checks also exist to ensure that the NPA-NXXs of those LRNs have been specified in the NPA-NXX SIC-SMURF file, and that the NPA-NXX-Xs for those NPBs have been specified in NPA-NXX-X SIC-SMURF file.

Migration of SVs and NPBs, with the From SPID as the current service provider and having a pseudo-LRN, however, occurs when the NPA-NXX of the SV or NPB has been specified in the NPA-NXX SIC-SMURF file. The rationale behind this functionality is that the New SP of the pseudo-LRN SVs and Block Holder of the pseudo-LRN NPBs must be the code holder (i.e., owner of the Portable NPA-NXX), and that Pseudo-LRNs are not included in the LRN data owned by a service provider in the industry network data model defined in the FRS and would not appear in the LRN SIC-SMURF file as an LRN to migrate.

For thousands-blocks, in addition to migrating a pseudo-LRN NPB object based on its NPA-NXX being included in the NPA-NXX SIC-SMURF file, the associated NPA-NXX-X object is migrated as well, since the two objects must be kept in sync. Those local systems that support pseudo-LRNs are also expected to determine whether pseudo-LRN NPBs and associated NPA-NXX-Xs exist within the NPA-NXXs being migrated and update their system based on the NPA-NXX SIC-SMURF file. Without the NPA-NXX-X being in the NPA-NXX-X SIC-SMURF file, though, and without industry test case to ensure proper handling of pseudo-LRN NPBs, some local systems may not be migrating the NPA-NXX-Xs associated with the pseudo-LRN blocks. Additionally, there may be occasions in which an NPA-NXX-X that indicates it is associated with a pseudo-LRN NPB is migrated, but the NPB does not exist, in which case the local system does not have a way to determine that the -X is related to a pseudo-LRN NPB and should be migrated.

B. Frequency of Occurrence:

The LNPA has noticed that, within the past six months, several dozen NPA-NXX-Xs related to pseudo-LRN NPBs have been migrated.

1. NPAC Regions Impacted:

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

 West Coast\_\_\_ ALL  **X\_**

D. Rationale why existing process is deficient:

Some local systems may not migrate -X objects associated with pseudo-LRN NPBs since the NPB is migrated when the NPA-NXX is specified in the NPA-NXX SIC-SMURF file, and the NPA-NXX-X related to that NPB would not appear in the NPA-NXX-X SIC-SMURF file. Also, the local system cannot determine when a pseudo-LRN related NPA-NXX-X should be migrated when the NPB does not exist. The industry documentation is not clear on how NPA-NXX-Xs associated with pseudo-LRN NPBs should be handled for SPID Migrations.

E. Identify action taken in other committees / forums:

N/A

F. Any other descriptive items:

N/A

1. **Suggested Resolution:**

Clarification could be made to the industry documents related to SPID Migrations, such as the M&Ps, to describe how local systems should handle pseudo-LRN SVs and NPBs and the associated NPA-NXX-Xs. Industry test cases for SPID Migrations could be enhanced to cover the cases in which pseudo-LRN SVs, and NPBs and the associated NPA-NXX-Xs, are to be migrated based on the NPA-NXX SIC-SMURF file.

The industry could define a new method for identifying to service provider local systems that NPA-NXX-Xs related to pseudo-LRN NPBs are being migrated.

1. **Final Resolution:**

This PIM resulted in the creation of Change Order 567 that introduces a new pseudo-LRN NPA-NXX-X SIC-SMURF file, which NPAC will produce in addition to the existing NPA-NXX, LRN, and NPA-NXX-X SIC-SMURF files. For further information refer to CO 567.

**NPIF (only)**

PIM #: 154 Final Resolution Date: 12/4/2024

Related Documents: CO 567

Issue Resolution Referred to:

Why Issue Referred: