Problem/Issue Identification and Description

**Submittal Date:**  02/09/2021 **PIM # 134 v3**

**Company(s) Submitting Issue**: CenturyLink/Lumen

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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.)

Given the high-volume porting activity occurring across the industry, there has been an increase in LSMS LNP record growth rate for providers resulting in record capacity issues and concerns.

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

A. Examples & Impacts of Problem/Issue:

During the second half of 2020, LSMS record growth across all regions was more than twice as much as the expected growth. It is imperative that carriers as well as LSMS manufacturers understand the growth trajectory of ported records to ensure systems can continue to support this growth to avoid future service disruptions.

B. Frequency of Occurrence:

As porting activity continues to grow, record management is important to ensure the health of the overall industry porting infrastructure.

1. NPAC Regions Impacted:

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

West Coast\_\_\_ ALL X

D. Rationale why existing process is deficient:

Without medium to long term forecasts of porting activity (including special projects) that may assist carriers and LSMS manufacturers to responsibly manage their supported number of records within the LNP infrastructure, carrier LSMSs may experience capacity constraints that could affect porting for the industry and cause service disruptions. Growth of LSMS systems to support increased ported records requires advanced planning due to the operational and capital requirements to continue to grow these platforms.

E. Identify action taken in other committees / forums:

None

F. Any other descriptive items:

None

1. **Suggested Resolution:**

Update Best Practice 57-Impact of breaking pooled blocks into individual SVs to capture recommendations from recent NPIF discussions and create a new Best Practice to address best practices that will assist in the management of porting records.

1. **Final Resolution:**

This PIM resulted in the creation of a new Best Practice (BP 077) which provides recommendations for LSMS Record Management. In addition, changes to existing BP 057 – Impact of breaking pooled blocks into individual SVs, were made. Refer to these Best Practices for additional detail.

**NPIF (only)**

PIM #: 134 v3 Final Resolution Date: 12/07/2021

Related Documents: BP 057 , BP 077

Issue Resolution Referred to:

Why Issue Referred: