LNP Problem/Issue Identification and Description Form

**Submittal Date** (mm/dd/yyyy): 3/24/2001 **PIM 011 v2**

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

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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.)

A process for moving 1k blocks between switches, within the same company, within the same rate center using EDR functionality is needed to satisfy the FCC's requirement to manage TN inventory by rate center rather than wirecenter.

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

A. Examples & Impacts of Problem/Issue:

In rate centers with slow or negative growth rates, the months to exhaust criteria for new numbering resources can not be met, even when one switch in the rate center is completely exhausted. This results in situations where a carrier may have to refuse or delay a customer request for service due to lack of numbering resources in the switch that serves the customer.

As existing numbering inventories are depleted this problem will grow worse and more frequent. Number pooling aggravates this problem by requiring carriers to donate existing unused inventory to industry pools.

B. Frequency of Occurrence: Frequency: More than 5 times a month

3 to 5 times/month

1. NPAC Regions Impacted:

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

West Coast\_\_\_ ALL X

D. Rationale why existing process is deficient:

Existing process does not allow carriers to use the EDR functionality that was developed for pooling to manage numbering resources by rate center.

Moving less than a full NPA-NXX between switches with non-EDR LNP porting wastes the LNP database capacity of all carriers, causes erroneous SS7 release cause code responses, and is incompatible with many carrier's TN inventory systems.

Additionally, the current utilization and MTE thresholds may require carriers to move blocks with more than 100 contaminants, which is not permitted by the current PA guidelines.

E. Identify action taken in other committees / forums:

This issue will be taken to INC to discuss possible changes to the code administration and pooling administration guidelines.

F. Any other descriptive items:

1. **Suggested Resolution:**

LNPA, INC, and the NANPM should modify the NPAC M&P, the INC Code Administration Guidelines, and the INC Pooling Guidelines to create a process for carriers to move 1k blocks between their own switches using EDR functionality. These moves should not require preparation or submission of months to exhaust (MTE) or utilization data, because they do not involve allocation of new numbering resources to the carrier.

Two processes have been proposed for accomplishing this goal, and a combination of the two processes has be suggested for the interim period prior to the establishment of a national pooling administrator. These are briefly described below:

A. Modify the NPAC M&P to allow carriers to call the NPAC help desk and request that blocks be ported from one switch to another using the EDR functionality developed for pooling. (The port type for these subscription versions would be type = pooled.)

B. Change the INC Pooling Administration Guidelines to allow carriers to move blocks between switches without the need to meet or submit documentation for MTE or utilization. The paperwork and timeframes for intra-company block moves would be streamlined and simpler than for requesting new numbering resources. The PA would then coordinate the EDR porting of the blocks as they currently do for pooling.

C. The Hybrid Solution: For NPAs where pooling has been implemented use option B, move the blocks using the pooling administrator. For NPAs where pooling has not been implemented use the option A process, move the blocks through NPAC personnel. The advantages and disadvantages of each option are too detailed to document on this form. Separate documentation will be provided to the LNPA to capture the points made in discussions of these options.

1. **Final Resolution:**

Methods and procedures for NPAC’s involvement in this process have been completed by the LNPA and approved.

**LNPA WG:** (only) Final Resolution Date: 05/15/2002

Item Number: PIM # 011 v2 Related Documents:

Issue Resolution Referred to: INC was involved in process updates

Why Issue Referred: