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Subject: Recommendation on improving Numbering Efficiencies using Consecutive Block Assignment

## **Recommendation on improving Numbering Efficiencies using Consecutive Block Assignment**

This submission presents a proposal for sequential number assignment to improve Canadian numbering efficiencies and utilization by carriers.

### **HIGH LEVEL analysis**

This contribution suggests that there is an enhanced level of efficiency in opening the thousand blocks from their assigned NPA NXX in the sequential order (ie...block 0000-0999, 1000-1999 etc.)

The process of opening one sequential block at a time into SP’s inventory/number management systems, helps to meet their external/internal customer potential requirements for sequential numbers and it support the return of blocks with zero and/or minimizes quantity of contamination blocks, simply by strategically utilizing each block prior to opening the next block. It also provides “friendly hand-off” to the receiving SP of those returned blocks, so they too have sequential blocks for their customers.

**Advantage of an early implementation of new numbering efficiencies.**

The early implementation of numbering efficiencies, may produce a larger yield of reclaimed unutilized/underutilized blocks, thus “padding” CNA’s available numbering resources in preparation of the TBP.

A suggested further advantage of an early implementation of sequential block assignments, is that it lends itself to a softer transition into post-launch activities.

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**Conclusion:**

Implementing or adopting the process of sequential block assignments (regardless if done pre or post

launch) is believed to create improved utilization of numbering resources by a service provider and reduce the complexity that may be associated with the ability of returning blocks.

It is also believed that by adding such numbering efficiencies, would also assist in the potential receipt of a larger quantity of returned uncontaminated blocks and a lesser quantity of contaminated blocks by the PA.

Last but not least, a reduced cost for SP in doing inter-service provider ports at the time of block return.

**Consideration:**

Should a SP have the capability in their internal systems, a further efficiency may be made possible by assigning/activating the TN’s within a block also in sequential order (ie…NPANXX-0000, NPANXX-0001, NPANXX-0002 etc) to their customers. This process could assist in controlling what theTN’s are in contaminated blocks. It also may be favored by the next SP in receiving a block with a contiguous range available as opposed to “cherry picked”.