LNP Problem/Issue Identification and Description Form

**Submittal Date** (05/13/2020): **PIM 131 v2**

**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.)

LNP Best Practice 0004 – N-1 Carrier Methodology addresses the FCC requirement that the “N-1” carrier (2nd to last carrier) should perform the number portability database query. FCC 18-95 eased the Commission’s “N-1” requirement to allow carriers flexibility in conducting number portability database queries to promote NNP (Nationwide Number Portability) and efficient network routing thus changing the process and thereby necessitating an update to Best Practice 0004

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

A. Examples & Impacts of Problem/Issue:

B. Frequency of Occurrence:

A query of the number portability database is performed on every call.

1. NPAC Regions Impacted:

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

 West Coast\_\_\_ ALL X

D. Rationale why existing process is deficient:

The motivating concerns that caused the NANC to recommend and the Commission to implement the N-1 requirement no longer apply. When it was first adopted the N-1 requirement was favored over requiring originating carriers to perform the database query. This latter solution would have required every local carrier across the country to adopt LNP simultaneously in a “flash-cut” manner for LNP to work, requiring a more complicated coordination of the LNP rollout.

Moreover, in an environment of many competing interexchange carriers and restrictions on incumbent LECs from offering interexchange services, interchange carriers “wanted to ensure that they were involved in this important aspect of call processing.”

Since LNP has by now been broadly and successfully adopted nationwide, and in light of the changed competitive landscape, these concerns are no longer relevant.

E. Identify action taken in other committees / forums:

F. Any other descriptive items:

FCC 18-95 states “We also ease the requirement that the second-to-last carrier handling a call request query the local number portability database, allowing any carriers earlier in the chain to make the query if they so choose. This greater flexibility allows carriers in the call path to determine who is best placed to bear the costs of performing the query, and also ensures that any carrier—including originating carriers—can perform the query, a necessary step in certain NNP solutions.”

1. **Suggested Resolution:**

LNP Best Practice 0004 – N-1 Carrier Methodology should be updated to match current FCC requirements for number portability database queries.

1. **Final Resolution:**

This PIM resulted in updates, based on FCC 18-95, to BP 004 – N-1 Carrier Methodology Clarification.

**LNPA WG:** (only) Final Resolution Date: 8/11/2020

Item Number: PIM #131 v2 Related Documents: BP 004, FCC 18-95

Issue Resolution Referred to: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Why Issue Referred: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_