LNP Problem/Issue Identification and Description Form

**Submittal Date** (mm/dd/yyyy): 02/19/2003 **PIM 023 v2**

**Company(s) Submitting Issue**: 1) Telcordia; 2) Sprint; 3) T-Mobile

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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.)

The LRNs, NXX data, and NXX-X data and effective dates of the data in the NPAC are not always in synch with those in the Telcordia Business Integrated Routing and Rating Database System (BIRRDS).

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

It was brought to Telcordia’s and CIGRR’s attention that in at least one region (Western) that there were several hundred LRNs in the NPAC which were not in the LERG Routing Guide.

The LRN Assignment Practices require that SPs record their LRNs in the LERG Routing Guide.

Not having the LRN published in the Telcordia™ LERG Routing Guide makes trouble shooting of routing problems and administrative validations significantly more difficult to perform. The LERG Routing Guide is used by many service providers to provision many of their back office systems. Having accurate data in the LERG Routing Guide is important to the industry.

There are also likely differences between NXXs opened for portability between the two databases.

Also there are certainly differences between NXX-Xs between the two databases due primarily to intra-SP porting of blocks.

In addition with all the activity surrounding returns of portable NXXs and NXX-Xs, there is a need to line up the processes the industry uses. Comparing databases allows for determination of the extent of the problem and allows for root cause analysis and process improvement.

1. Frequency of Occurrence:

Ongoing

1. NPAC Regions Impacted:

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

 West Coast\_\_\_ ALL\_X\_\_

1. Rationale why existing process is deficient:

There is no current centralized process for synchronizing the LRNs, NXX, NXX-X, effective dates, and Service Provider ID data provisioned by service providers in the NPAC SMS and in the Telcordia Business Integrated Routing and Rating Database System (BIRRDS). Also, two separate entities may be responsible for entering the data into the two databases. .

1. Identify action taken in other committees / forums:

Issue raised at Telcordia Common Interest Group on Rating and Routing.

F. Any other descriptive items: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Suggested Resolution:**

The following actions are proposed to resolve this issue:

* Similar to the data exchange Telcordia Routing Administration performs with NECA, have a data file, in an agreed to format, sent from NPAC to Telcordia Routing Administration (TRA) with the relevant LRN, NXX, NXX-X, effective date and Service Provider ID data that is entered into the two databases. This format should be able to be processed for data validations e.g., fixed ASCII format. TRA will validate that all the relevant data is consistent. When any data is inconsistent, TRA will provide a report on the inconsistencies to the AOCN of the company associated with the NXX, NXX-X, or LRN. This information could be copied (by either TRA or the AOCN) to the LNP contact of the company on request to facilitate communication between the routing group and the portability group for any necessary correction to the data.
1. **Final Resolution:**

SPs are to discuss with their respective CIGRR members and report in April meeting.

07/09/2003 – PIM was withdrawn by submitter.

**LNPA WG:** (only) Final Resolution Date: 7/09/2003

Item Number: 0023 v2 Related Documents:

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

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