**IPNNI- 2014-000yy**

**Contribution**

**TITLE:** IP Interconnection Routing Report: Refinement of Section 5.3 Independent ENUM Registry

**SOURCE\*:** Sprint (David Holmes)

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**ABSTRACT**

This document provides a Word document version of Appendix A that was added to revision 7 of contribution 83. It also provides some additional clarification & ordering of the criteria, for ease of review & application. Specific text changes are highlighted in yellow for ease of review only.

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\* CONTACT:

David Holmes; email: david.holmes@sprint.com; Tel: +1 (425) 260 1868

**Purpose**

This contribution aims to provide minor enhancements to the bulleted items describing the requirements & benefits of this potential implementation. These additions enable consideration for inclusion of the methods described in draft-Kaplan informational RFC that makes use of the EDNS Optional Resource Record for supplying source routing information in an enhanced ENUM query, and adds the concept of source information in a query/response for routing.

**Proposed text changes:**

Add the following bullet points to the list under the opening paragraphs of 5.3.

* Support source-based routing logic which can be used for services which require it (e.g., 800).
* Support source-based routing logic which can use location to optimize physical transport path.

**Further considerations**

From a carrier perspective the possibility of an independent ENUM registry is attractive; however, the current list of requirements & benefits may need further refinement, which can be addressed as the document progresses to its final form.