



**ATIS-0300032**

**Next Generation Interconnection Interoperability (NGIIF)  
Reference Document**

**Part X, Interconnection Between LECS Operations  
Handbook – Local Interconnection Service Arrangement**

Version 13.0



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This document was developed by the Alliance for Telecommunications Industry Solutions' (ATIS) sponsored Next Generation Interconnection Interoperability Forum (NGIIF). The NGIIF addresses next-generation network interconnection and interoperability issues associated with emerging technologies. Specifically, it develops operational procedures which involve the network aspects of architecture, disaster preparedness, installation, maintenance, management, reliability, routing, security, and testing between network operators. In addition, the NGIIF addresses issues which impact the interconnection of existing and next generation networks and facilitate the transition to emerging technologies. All changes to this document shall be made through the NGIIF issue resolution process.

#### **Note Regarding Previous Versions**

The NIIF Reference Document was formerly known as the Network Operations Forum (NOF) Reference Document. The NOF Reference Document was published and maintained by Bellcore. The last version of the NOF Reference Document is Issue 13.

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*ATIS-0300032, NGIIF Reference Document, Part X, Interconnection Between LECS Operations Handbook – Local Interconnection Service Arrangement, Formerly NIIF 5028*

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# 1 General

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This document has been developed to provide operation personnel of interconnecting LECs with guidelines for the installation, testing, and maintenance of local interconnection service arrangement trunk(s) and services.

This document does not replace or supersede any tariffs, contracts or other legally binding documents. In case of conflict between this document and any legally binding document, such other document will prevail.

A Local Exchange Carrier (LEC), as referred to in this document, is any company that has been authorized to provide local exchange services.

Local Service Provider (LSP) is defined as the LEC selling local interconnection service arrangement trunk(s) to another LEC.

Local Service Customer (LSC) is defined as the LEC purchasing local interconnection service arrangement trunk(s) from another LEC.

The following are some examples of interconnection between LSPs and LSCs in an IntraLATA environment:

- End Office to End Office
- End Office to Tandem.

Local interconnection service arrangements may include all wiring, cable, equipment and facilities up to the Point of Termination (POT). These guidelines also generally apply to E9-1-1 and Operator Assistance trunking.

## 2 Responsibilities

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### 2.1 Local Service Customer (LSC)

The following are the responsibilities of LSCs:

- Provide trained personnel
- Advise the LSP when there is a potential service affecting LSC network failure
- Provide a contact number for trouble reporting that is readily accessible 24 hours a day, 7 days a week
- Maintain complete and accurate installation and repair records
- Provide LSP personnel access to the Point of Termination (POT) when required
- Provide access to test lines where appropriate
- Provide billing authorization to the LSP for any additional labor requested
- Ensure the test equipment used is compatible with the LSP's test equipment
- Cooperate with the LSP ensuring that trunks are installed in accordance with the service requests
- Notify the LSP of any changes affecting the service requested, including the service due date
- Assume control functions for maintenance of its trunk(s)