



ATIS-0300010

ATIS Standard on -

**Next Generation Interconnection Interoperability (NGIIF)
Reference Document: Part II, Installation and Maintenance
Responsibilities Switched Access Services Feature Group B, C,
and D**



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Next Generation Interconnection Interoperability (NGIIF) Reference Document: Part II, Installation and Maintenance Responsibilities Switched Access Services Feature Group B, C, and D

Alliance for Telecommunications Industry Solutions

Approved September 17, 2020

Abstract

This document outlines telecommunications service provider and customer installation and maintenance responsibilities for Switched Access Services (SAS) as established by the Next Generation Interconnection Interoperability Forum (NGIIF) and includes Telecommunications Service Priority (TSP) Guidelines. It includes procedures on installation and maintenance of trunk side connected Access Services Feature Groups (FG) B, C, and D. It specifically includes areas such as NXX Code Openings, FG D CIC Testing, Network Modification Notification, Trouble Detection Responsibilities, Trouble Reporting Procedures, 500/800/900 NXX Services, Toll-Free Database and LIDB Services Trouble Handling, and access services provided by multiple exchange carriers. Where applicable, this document may address Next Generation Network (NGN) aspects.

Foreword

The Alliance for Telecommunications Industry Solutions (ATIS) serves the public through improved understanding between carriers, customers, and manufacturers. The Next Generation Interconnection Interoperability Forum (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.

The mandatory requirements are designated by the word *shall* and recommendations by the word *should*. Where both a mandatory requirement and a recommendation are specified for the same criterion, the recommendation represents a goal currently identifiable as having distinct compatibility or performance advantages. The word *may* denotes an optional capability that could augment the standard. The standard is fully functional without the incorporation of this optional capability.

Suggestions for improvement of this document are welcome. They should be sent to the Alliance for Telecommunications Industry Solutions, NGIIF, 1200 G Street NW, Suite 500, Washington, DC 20005.

At the time of consensus on this document, NGIIF, which was responsible for its development, had the following leadership:

Karen Riepenkroger, Sprint

Randee Ryan, Comcast

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2 Informative References

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

ATIS-0100510, *Digital Services for Rates Up to and Including DS3-Specifications*.¹

ATIS-0300010, *Next Generation Interconnection Interoperability (NGIIF) Reference Document: Part II, Installation and Maintenance Responsibilities Switched Access Services Feature Group B, C, and D*.¹

ATIS-0300011, *Next Generation Interconnection Interoperability (NGIIF) Reference Document: Part III, Installation and Maintenance Responsibilities for SS7 Links and Trunks*.¹

ATIS-0300024, *Next Generation Interconnection Interoperability (NGIIF) Reference Document Part V, Test Line Guidelines*.¹

ATIS-0300026, *Next Generation Interconnection Interoperability (NGIIF) Reference Document: Part VI, Network Management Guidelines*.¹

ATIS-0300032, *Next Generation Interconnection Interoperability (NGIIF) Reference Document: Part X, Interconnection Between LECS Operations Handbook – Local Interconnection Service Arrangement*.¹

ATIS-0300046, *Recommended Notification Procedures to Industry for Changes in Access Network Architecture*.¹

ATIS-0300119, *Thousands-Block (NPA-NXX-X) & Central Office Code (NPA-NXX) Administration Guidelines (TBCOCAG)*.¹

ATIS-0300104, *Next Generation Interconnection Interoperability Forum (NGIIF) NGN Reference Document - NGN Basics, Emergency Services, NGN Testing, and Network Survivability*.¹

¹ This document is available from the Alliance for Telecommunications Industry Solutions (ATIS) at: <
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