



ATIS-0300220.2016

Structure for the Representation of the Communications
Industry Manufacturers, Suppliers, and Related Service
Companies for Information Exchange

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American National Standard for Telecommunications

Structure for the Representation of the Communications Industry Manufacturers, Suppliers, and Related Service Companies for Information Exchange

Alliance for Telecommunications Industry Solutions

Approved September 22, 2016

American National Standards Institute, Inc.

Abstract

This standard provides the code and format structure for the representation of the names of communications industry manufacturers, suppliers, and related service companies for the purpose of efficient information exchange.

Foreword

The information contained in this foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, Foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the standard.

The Alliance for Telecommunication Industry Solutions (ATIS) serves the public through improved understanding between providers, customers, and manufacturers. The Telecom Management and Operations Committee (TMOC) develops operations, administration, maintenance, and provisioning standards, and other documentation related to Operations Support System (OSS) and Network Element (NE) functions and interfaces for communications networks – with an emphasis on standards development related to U.S.A. communication networks in coordination with the development of international standards.

This document is entitled *Structure for the Representation of the Communications Industry Manufacturers, Suppliers, and Related Service Companies for Information Exchange*. This American National Standard provides for various coded representations necessary to identify manufacturers, suppliers, and related service companies that comprise the communications industry, for efficient information interchange for both data and non-data applications.

This standard was initially developed as a direct result of a contribution submitted by the Telecommunications Industry Forum (TCIF) to standardize the names of the telecommunications industry manufacturers, suppliers, and related service companies. The previous TCIF responsibilities currently are handled within the ATIS Automatic Identification and Data Capture Committee (AIDC) Committee. These codes are in widespread use as de facto standards in records for information interchange, covering procurement/ordering, equipment engineering, circuit identification, billing, and revenue distribution.

ANSI guidelines specify two categories of requirements: mandatory and recommendation. 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 criteria, the recommendation represents a goal currently identifiable as having distinct compatibility or performance advantages.

This standard contains four annexes that are for information only and are not considered part of the standard.

Requirements specify the minimum format and structure of codes required for information exchange between communications service providers.

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

At the time it approved this standard, TMOC, which is responsible for the development of this Standard, had the following leadership:

M. Usry, TMOC Chair [**iconectiv**]

M. Usry, TMOC Editor [**iconectiv**]

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American National Standard for Telecommunications –

Structure for the Representation of the Communications Industry Manufacturers, Suppliers, and Related Service Companies for Information Exchange

1 Scope & Purpose

This standard identifies the structure and the coded format structure for the identification of the manufacturers, suppliers, and related service companies that provide products to the communications industry.

The code formats defined in this standard are used to facilitate information exchange in the identification of these companies across various processes for both humans and machines as it relates to business supporting functions such as:

- Product identification and marking.
- Asset recording and financial management.
- Procurement.
- Inventory and spares management.
- Planning, forecasting, and reporting.
- Engineering and provisioning.
- Inter-carrier ordering.
- Trouble administration.

This standard also outlines the responsibilities of the maintenance agent.