



ATIS STANDARD

ATIS-0410503-0002

**Unified Ordering Model (UOM)
Volume III - Design
Issue 2
For Local Service Ordering Guidelines (LSOG)
Version 10**

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Unified Ordering Model (UOM) – Volume III - Design

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1. Scope, Purpose and Field of Application

1.1 Scope

The scope of this specification is to develop an Alliance for Telecommunications Industry Solutions (ATIS) standard that specifies an interface for the Unified Ordering Model – Local Service Request (UOM-LSR). The interface is specified using the telecommunications Markup Language (an extension of XML), as defined in tML Framework Document (ITU-T M.3030).

1.2 Purpose

This document defines tML Schemas to support the UOM-LSR.

The schemas provide for the three broad functions associated with Local Services Request Ordering, Pre-Ordering, Ordering, and Post-Ordering.

1.3 Application

The tML Schemas presented in this document are based on the packages in UOM, an information model described in UOM-LSR Volume II. The tML Schemas included in this document are: UOM-Base, UOM-LSR-Base, the set of schemas for LSR Pre-Order, the set of schemas for LSR Ordering, and the set of schemas for LSR Post-Ordering. The UOM-Base Schema defines all reusable domain specific and non-domain specific common types and elements that are used in tML Schemas for various UOM applications.

The request, response, notification, acknowledgement, and exception response functions are supported in the UOM (information model in UOM-LSR Volume II) by defining object classes, their properties, and their relationships. While the UOM-LSR Volume II is the technology-independent specification of UOM, UOM-LSR Volume III is a technology-specific definition of the access domain interactions of the information model described in UOM-LSR Volume II. The tML Schemas present the inquiry, service request, notification, acknowledgement, and exception response interactions in the access domain.

2. Normative References

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

2.1 Standards

- *World Wide Web Consortium (W3C) Recommendation XML: eXtensible Markup Language (XML) 1.0 (Second Edition), 6 October 2000*
- *World Wide Web Consortium (W3C) Recommendation, XML Schema Part 1: Structures, 2 May 2001*
- *World Wide Web Consortium (W3C) Recommendation, XML Schema Part 2: Datatypes, 2 May 2001*
- *World Wide Web Consortium (W3C) Recommendation, Namespaces in XML, 14 January 1999*

2.2 Other References

- *ATIS0410502-0002: Unified Ordering Model – Local Service Request (UOM-LSR) Volume II Analysis for LSR Version 10, Issue 2*