

# Release notes for Tax Data Document

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## Version 1.0.0

Maintained by	Oman Tax Authority
Applies to	Oman Tax Data Document
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Status	Final

### What's New in This Release

This is the initial release of the **Oman Tax Data Document** specification. The release includes the following components:

- Tax Data Document BIS Documentation.
- Semantic Model.
- Syntax Binding.
- Normative Codelists.
- Tax Data Document-specific Schematron rules.

## Overview

This release introduces the first official version of the Oman Tax Data Document Specification.

The specification defines:

- The Semantic Model (business information requirements).

- The Syntax Binding (technical representation).
- BIS documentation and implementation guidance.
- Applicable normative codelists.
- Validation artefacts, including Schematron rules.

The objective of this release is to establish a clear and governable framework that ensures semantic consistency, validation accuracy, and implementation certainty for all stakeholders.

## Data Model

- **Semantic Model:**

- **A Semantic Model** in Peppol is a structured, technology-independent representation of the business information, constraints, and relationships required for electronic document exchange, forming the authoritative source for syntax binding, validation rules, and conformance profiles.
  - Business Terms (what the information means).
  - Cardinality rules (how many times information may occur).
  - Data types and formats (how information is represented conceptually).
  - Business rules and constraints (conditions governing usage).
  - Relationships between business elements.

- **Syntax Binding:**

- **A Syntax Binding** in Peppol is the formally governed, technology-specific mapping of a Semantic Model to a concrete document syntax, defining the exact structural representation, cardinalities, data types, and validation constraints required for an implementation.
  - Technology-Specific Representation.
  - Deterministic Mapping.
  - Normative for Implementation.
  - Constrained by Peppol Governance.

## Documentation

- **Peppol Model for Tax Data Document:**

- Introduction and Scope.
- Audience and Benefits.
- Business processes.
- **Technical details:**
  - BIS Identifiers.
  - Data types.
  - XML Schemas and Namespaces.

- Glossary.
- **Compliance:**
  - Sending Compliance to TDD.
  - Receiving Compliance to TDD.
  - Enveloping Compliance.

## Code Lists

- **Standard codelists:**
  - ISO3166-1:Alpha2 (**Country codes**).
  - ISO4217 (**Currency codes**).
  - UNCL1001 (**Credit note type code**).
  - UNCL1001 (**Invoice type code**).
  - EAS (**Electronic address scheme**).
  - ICD (**ISO 6523 ICD list**).
- **Tax Data Document:**
  - TDD-RR (**Tax Data Document Reporting Role**).
  - TDD-DS (**Tax Data Document Scope**).
  - TDD-DTC (**Tax Data Document Type Code**).

## Schematron

Schematron artefacts provide rule-based validation to ensure semantic and technical conformance.

- **OpenPeppol OM TDD Schematron:**
  - The Tax Data Document Schematron rules validate structural and choreography-level compliance.
  - These rules ensure that:
    - The document strictly follows the defined Syntax Binding.
    - Only permitted elements and structures are used.
    - No undefined or non-conformant elements are introduced.
  - Their purpose is to guarantee technical conformance to the specified document structure.

## Action Items for Implementers

Implementers SHALL perform the following actions to ensure conformance:

- Review and understand the Semantic Model and the associated Syntax Binding before implementation.
- Ensure that all code values strictly comply with the applicable normative codelists.

- Validate implementations against the published validation artefacts, including:
  - XML Schema Definitions (XSD).
  - Schematron rules.
- Develop the Tax Data Document in full compliance with the Semantic Model, Syntax Binding, and validation artefacts.
- Notify the relevant Peppol Authority of any identified critical defects, inconsistencies, or required change requests.

## Support

For support and clarification:

<https://peppol.org/tools-support/service-desk/>