

PIDX Support for UOM Scheme Guideline

Introduction

The below PIDX documents were amended with changes approved by PIDX workgroups in 2020 to implement the capability to support identifying the Unit of Measure scheme in the both the PriceSheet.xsd and transaction documents. Changes to the documents allow for backward compatibility with the schema with an addition of the UOM scheme to the PriceSheet header and the enumeration list. This guideline covers how these changes in identifying the UOM scheme should be used if required.

→PriceSheet.xsd

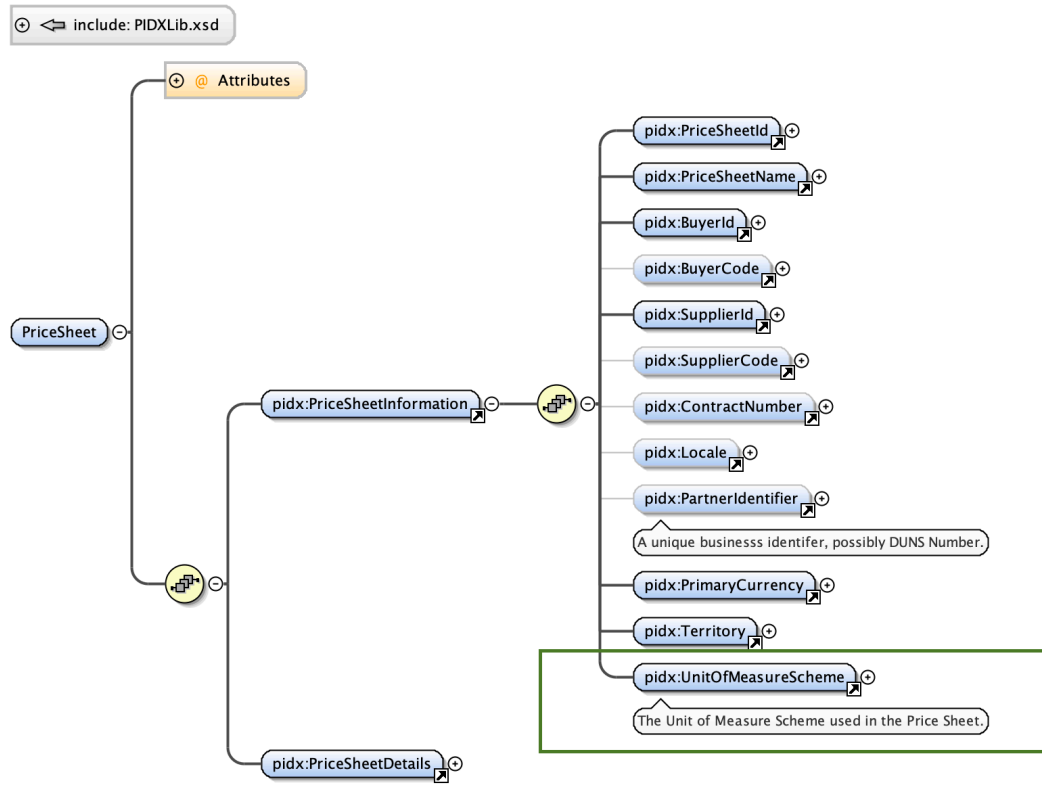
Business process name	Support for UOM Scheme
Identifier	PriceSheet.xsd, PIDXLib.xsd, PIDXCodelist.xsd, Invoice.xsd
Actors	Any company providing the Unit of Measure identifier in PIDX schemas and transaction documents
Scenario	<p>→ PriceSheet documents support the Unit of Measure scheme at header level within PriceSheet Information</p> <p>→ Invoice and PIDX transaction documents support the Unit of Measure scheme using the ReferenceInformationIndicator tag</p>
Recommended Best Practices	<p>Once you have identified the scheme, all Unit of Measure references should conform to that scheme unless you identify UOM at the line item level.</p> <p>Please see usage guidelines referenced below.</p>

Usage Guidelines

1. PIDX PriceSheet XML schema

The Unit of Measure scheme has been added at the header level in the price sheet PIDX document to allow validation for ANSI, ISO and UNECE. Please see the schema below:

PriceSheet → PricesheetInformation → UnitOfMeasureScheme → (ANSI, ISO, UNECE)

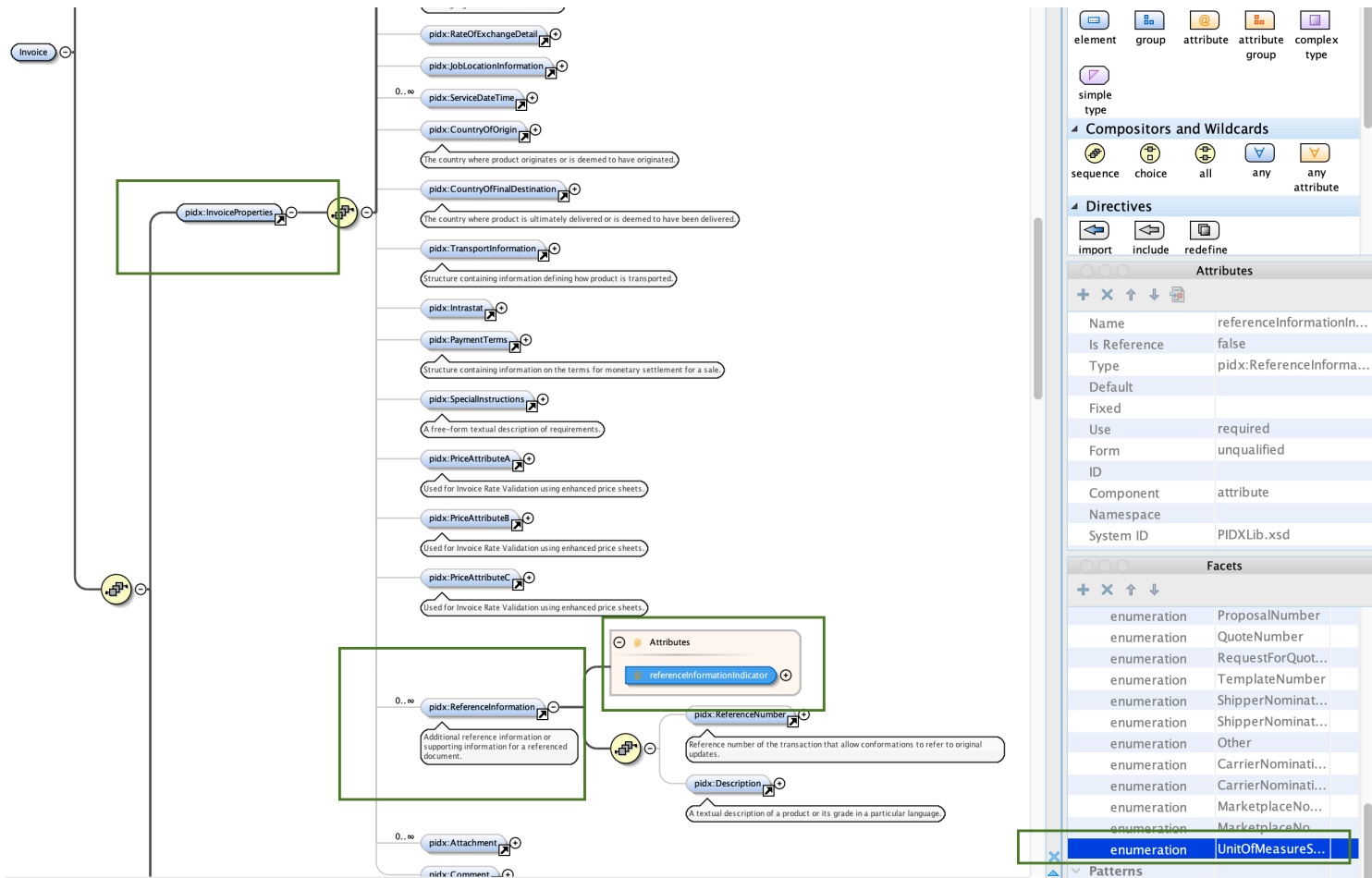


2. Invoice

The PIDX invoice and transaction documents can also support identifying the UOM scheme as referenced below through reference information indicator. The justification for this approach is to minimize the number of changes in the transaction documents workgroup while maintaining support for the UOM scheme. An example shown below:

Invoice → Invoice Line Item

- ReferenceInformation @ referenceinformationindicator = “UnitofMeasureScheme”
- ReferenceNumber = ANSI/ISO/UNECE
- Description = “The units of this document are in ANSI”



Reference Documents

The PIDX Code List supports the UOM scheme as shown below with enumeration list.

UnitofMeasureSchemeType → enumeration value = ANSI, ISO, UNECE

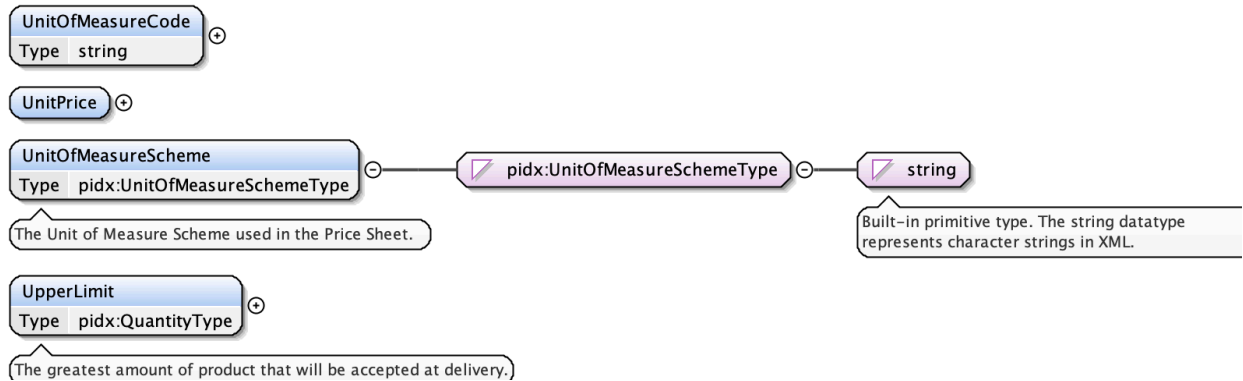
```

920 | </simpleType>
921 | <simpleType name="UnitOfMeasureSchemeType">
922 |   <restriction base="string">
923 |     <enumeration value="ANSI"/>
924 |     <enumeration value="ISO"/>
925 |     <enumeration value="UNECE"/>
926 |   </restriction>
927 | </simpleType>

```

The PIDX Lib supports the above mentioned UnitofMeasureScheme found in the PIDX Code List.

UnitofMeasureScheme → Of Type



Summary

The Usage Guideline documents the support in identifying the Unit of Measure scheme for pricessheet, invoice, and transaction documents as defined per the requirements set out within Catalog & Classification Workgroup’s Project Team Proposal from 2020.

Changes to the schema have been limited to minimize changes while maintaining support for the UOM Scheme.

The addition of *UnitofMeasureScheme* element in the PriceSheet identifies the scheme at the header level and allows for validation of ANSI, ISO, and UNECE.

This guideline documents how trading partners can use the PIDX PriceSheet XML Schema and transaction document to indicate the UOM scheme in these documents.