Date: 22.11.2021

Changelog IDM Upholstery Version 3.1.0

This Changelog describes all the new features, enhancements and corrections provided in the latest version **IDM 3.1.0** (in comparison with version 3.0.0) both in the XML scheme and in the documentation.

Version IDMP 3.1.0 was released on 2021-12-08 and is valid from 2022-03-01.

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A = Added = add new elements or attributes
C = Changed = changes to existing elements, attributes or descriptive texts
R = Removed = deletion of elements or attributes
F = Fixed = correction of errors to existing elements, attributes or descriptive texts

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A = Added = add new elements or attributes
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*Indication of any changes planned or partly decided for future versions.

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R = Removed = deletion of elements or attributes
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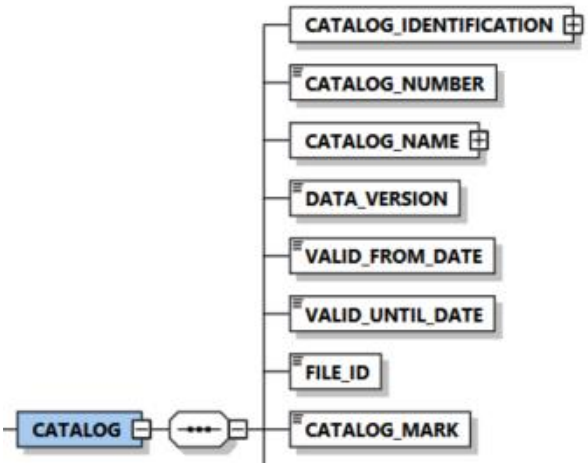
Released

Display of all changes noted for version 3.1.0

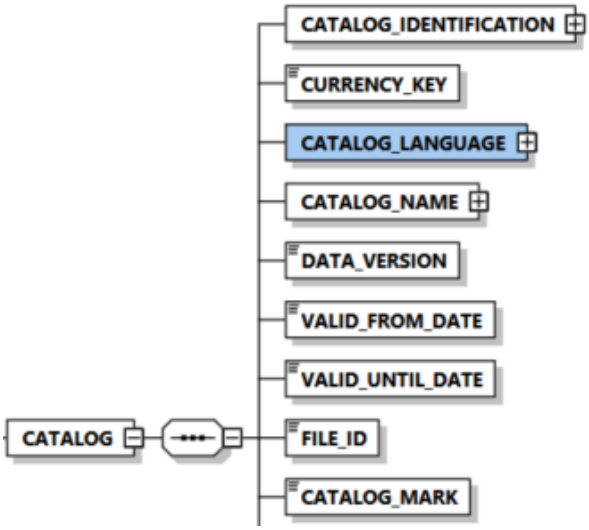
1. Catalogue identification

1.1.	A	New element CATALOG_LANGUAGE	Decision: 2021_03_23

3.0.0



3.1.0



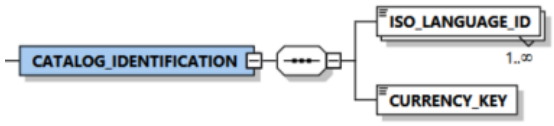
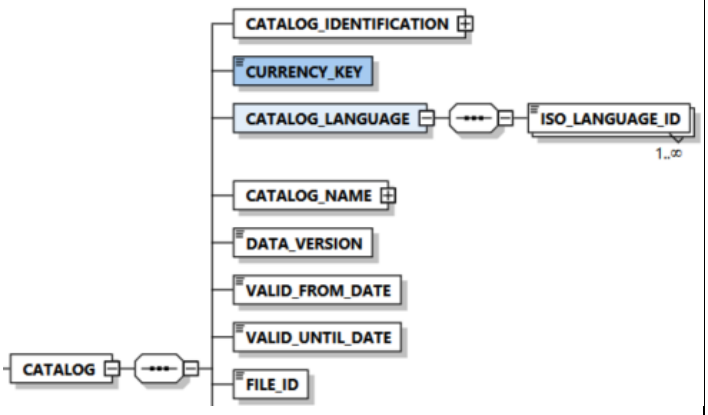
In position 3 under CATALOG is the new element CATALOG_LANGUAGE as a complex type and mandatory field.

```
<xs:element name="CATALOG_LANGUAGE">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ISO_LANGUAGE_ID" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:language">
                        <xs:pattern value="[A-Z]{2}"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

Description in the documentation:

This element indicates the languages used in the data pool.

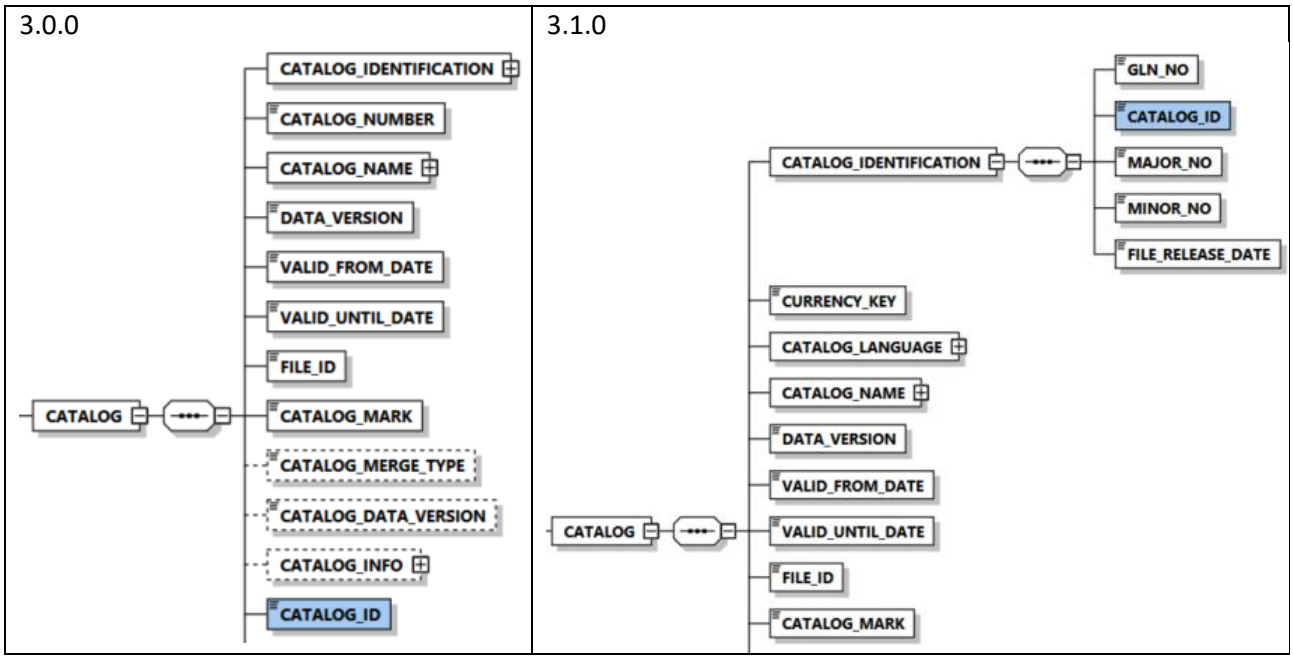
1.2. C CURRENCY_KEY and ISO_LANGUAGE_ID shifted Decision: 2021_03_23

3.0.0	3.1.0
	

The elements CURRENCY_KEY and ISO_LANGUAGE_ID are deleted under CATALOG_IDENTIFICATION. The CURRENCY_KEY was added in position 2 directly under CATALOG The ISO_LANGUAGE_ID will in future be maintained under the new element CATALOG_LANGUAGE under CATALOG. The content remains identical.

```
<xs:element name="CATALOG">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="CATALOG_IDENTIFICATION">...</xs:element>
            <xs:element name="CURRENCY_KEY">
                <xs:annotation>...</xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:pattern value="[A-Z]{1,3}"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="CATALOG_LANGUAGE">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="ISO_LANGUAGE_ID" maxOccurs="unbounded">
                            <xs:annotation>...</xs:annotation>
                            <xs:simpleType>
                                <xs:restriction base="xs:language">
                                    <xs:pattern value="[A-Z]{2}"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
```

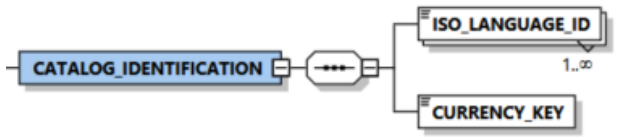
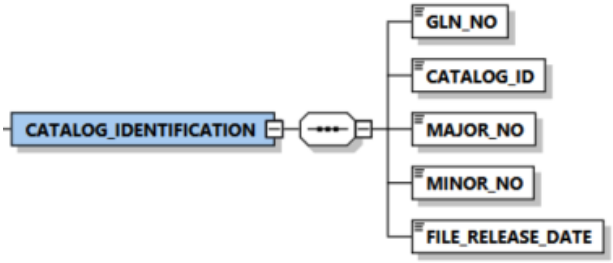
1.3. C CATALOG_ID shifted Decision: 2021_03_23



The content of the CATALOG_ID remains identical. The element is now in position 2 under CATALOG_IDENTIFICATION.

```
<xs:element name="CATALOG_IDENTIFICATION">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="GLN_NO">...</xs:element>
            <xs:element name="CATALOG_ID">
                <xs:annotation>...</xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="64"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
```

1.4. A New elements under CATALOG_IDENTIFICATION Decision: 2021_03_23

3.0.0	3.1.0
	

GLN_NO:

The new element GLN_No is now in position 1 under CATALOG -> CATALOG_IDENTIFICATION, and is mandatory.

```
<xs:element name="GLN_NO">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="(0-9){13}"/>
        </xs:restriction>
    </xs:simpleType>
```

Description in the documentation:

This element is used to enter a unique global location number (GLN). The GLN allows for an unequivocal assignment of companies or business units, e.g. for the automated electronic exchange of data.

MAJOR_NO:

MAJOR_NO is now in position 3 under CATALOG_IDENTIFICATION and is mandatory.

```
<xs:element name="MAJOR_NO">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:gYear"/>
    </xs:simpleType>
</xs:element>
```

Description in the documentation:

The catalogue version number MAJOR_NO provides the year in which the data pool was produced. The full indication of the catalogue version in which a data pool is delivered consists of MAJOR and MINOR.

MINOR_NO:

MINOR_NO is now in position 4 under CATALOG_IDENTIFICATION and is mandatory.

```
<xs:element name="MINOR_NO">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:positiveInteger">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

Description in the documentation:

The catalogue sub-version number MINOR_NO is given in serial numbers for the year. The full indication of the catalogue version in which a data pool is delivered consists of MAJOR and MINOR. If the catalogue version MAJOR is changed, the catalogue sub-version is reset to 0.

FILE_RELEASE_DATE:

The FILE_RELEASE_DATE is now in position 5 under CATALOG_IDENTIFICATION and is mandatory.

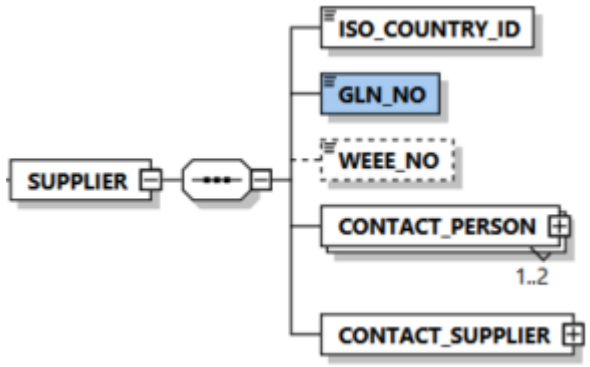
```
<xs:element name="FILE_RELEASE_DATE" type="xs:dateTime">
    <xs:annotation>...</xs:annotation>
</xs:element>
```

Description in the documentation:

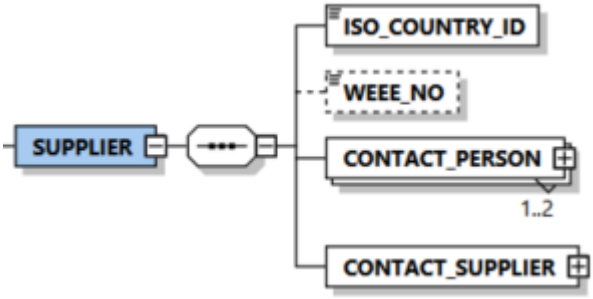
This element provides the time stamp for the creation of the data pool in UTC time.

1.5. R GLN_NO under SUPPLIER deleted Decision: 2021_03_23

3.0.0



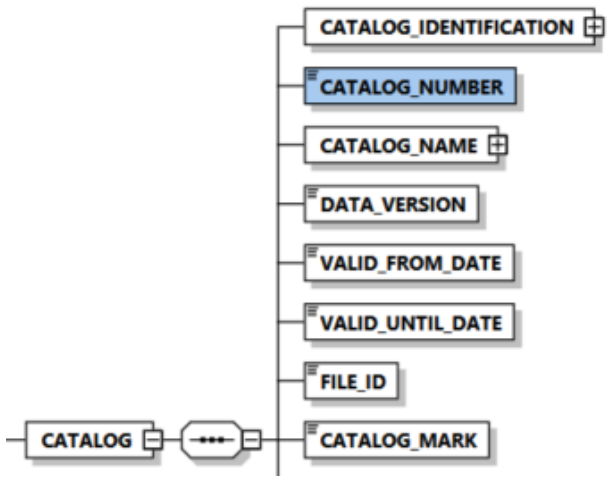
3.1.0



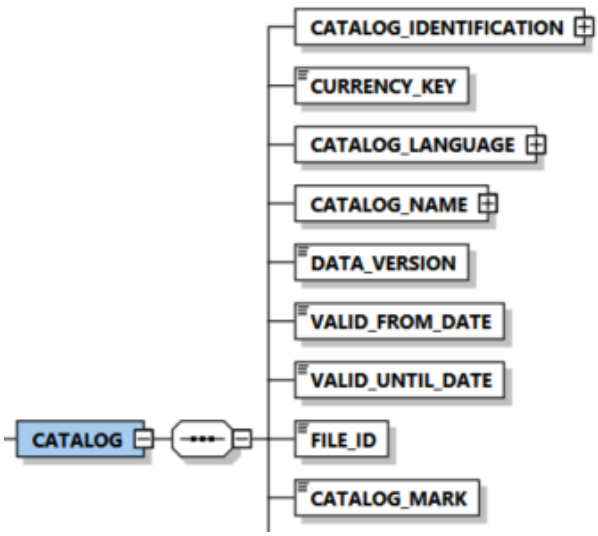
As the GLN_NO is now given under CATALOG_IDENTIFICATION, it is obsolete under SUPPLIER and is omitted.

1.6. R CATALOG_NUMBER deleted Decision: 2019_11_27

3.0.0



3.1.0

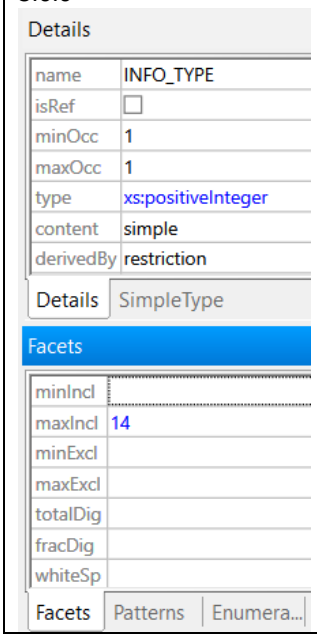


The CATALOG_NUMBER is deleted. It is no longer required to identify the catalogue or as a manufacturer-specific identifier.

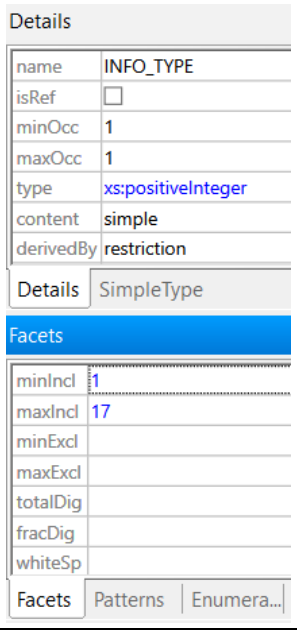
2. New media types

2.1. C New values in the element INFO_TYPE Decision: 2019_09_05

3.0.0



3.1.0



In the element INFO_TYPE, instead of the previously permitted values of up to 14, values of up to 17 are now permitted in order to display the new info types 15 (description of function), 16 (planning advice) and 17 (catalogue image).

Description in the documentation:

This element is here to describe the type of detailed information. The values of the available info types can be found in the corresponding table in the introduction.
Die Werte der möglichen Info-Typen sind der entsprechenden aus der Einleitung zu entnehmen. Media references for descriptions of function are possible both on the ITEM and on the SERIES. Format MP4 is recommended for videos.

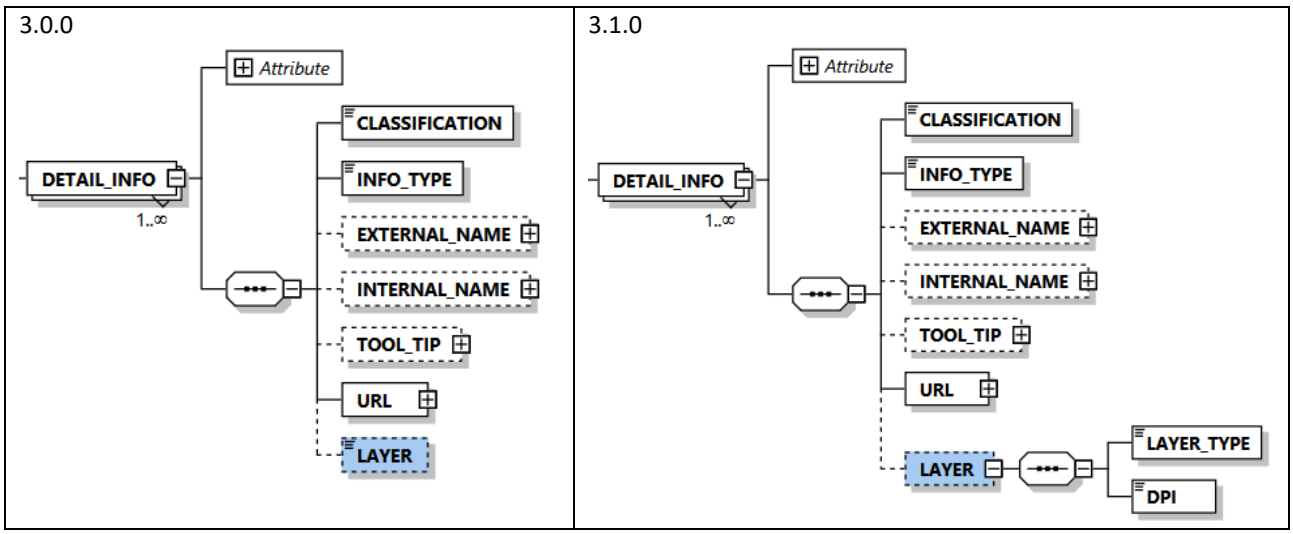
List from the introduction in the documentation:

The following info types can be used to describe the type of detailed information:

1 = photo of typical setting
2 = item pictogram (type/item overview)
3 = magnetic planner drawing (top view of SVGs)
4 = photo version
5 = texture version (leather type etc.)
6 = manufacturer logo/product brand
7 = colour advice (the versions are defined in a test procedure)
8 = fabric passport (PDF on the fabric groups)
9 = model description sheets (PDF under the series)
10 = assembly instructions
11 = marketing
12 = various
13 = colour advice wall
14 = colour advice floor
15 = description of function
16 = planning advice
17 = catalogue image

3. Information on size of drawing area in SVG files

3.1. A New element DPI under LAYER Decision: 2020_01_22



The working group Magnetic planner required the element for the DPI value under LAYER.

The simple type Element LAYER is now a complex type with the sub-elements LAYER_TYPE corresponding to the original element LAYER and the new element DPI, which permits the values 72 and 96.

```
<xs:element name="LAYER" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="LAYER_TYPE">
                <xs:annotation>...</xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:positiveInteger">
                        <xs:pattern value="[1-6]0"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="DPI">
                <xs:annotation>...</xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:positiveInteger">
                        <xs:enumeration value="72"/>
                        <xs:enumeration value="96"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

Description in the documentation:

This element specifies the dot density (dpi) of the SVG files that belong to the data pool. With the usual drawing tools, this is either 72 dpi (e.g. Adobe Illustrator) or 96 dpi (e.g. Coral Draw).

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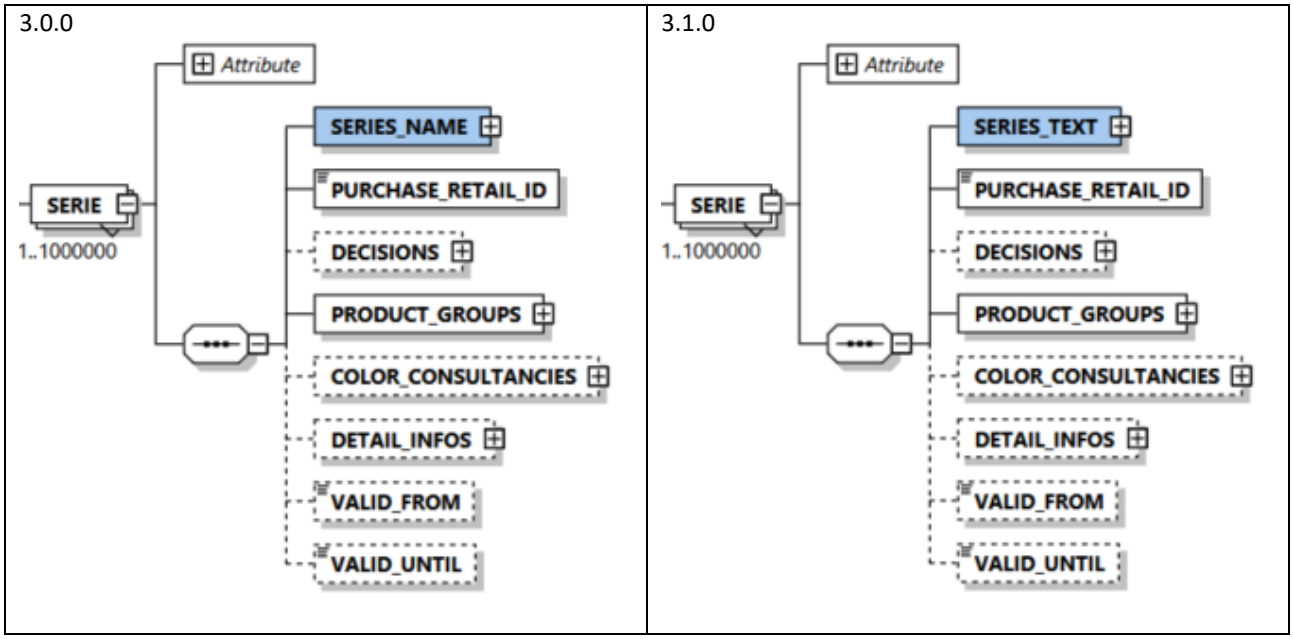
4. Series texts

4.1.	C	SERIES_NAME is now SERIES_TEXT	Decision: open



As the series name and the description, and now the planning advice as well, are maintained under this element, it made sense to change the name from SERIES_NAME to SERIES_TEXT.

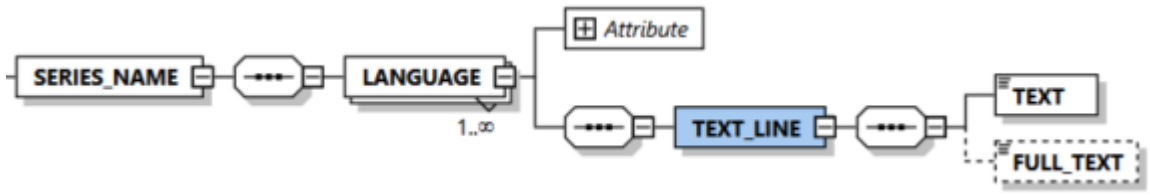
This has also achieved alignment to the structure of the item texts (ITEM_TEXT).

Description in the documentation:

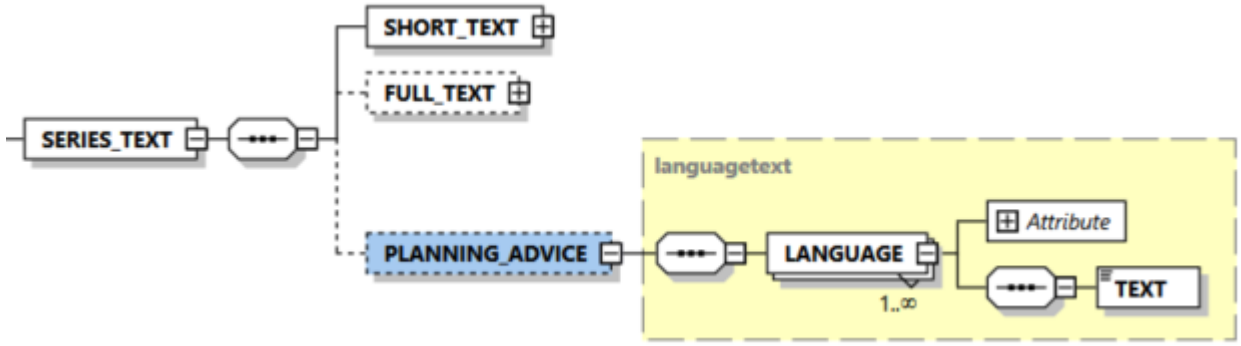
This element is used to define the series-specific texts. These may be characteristic short, descriptive long and planning advice texts. At least one series short text must be specified for each item.

4.2. A New element PLANNING_ADVICE under SERIES_TEXT Decision: 2019_09_05

3.0.0



3.1.0



The new option element PLANNING_ADVICE, which is multilingual and can be maintained in any desired length, is now in position 3 under SERIES_TEXT.

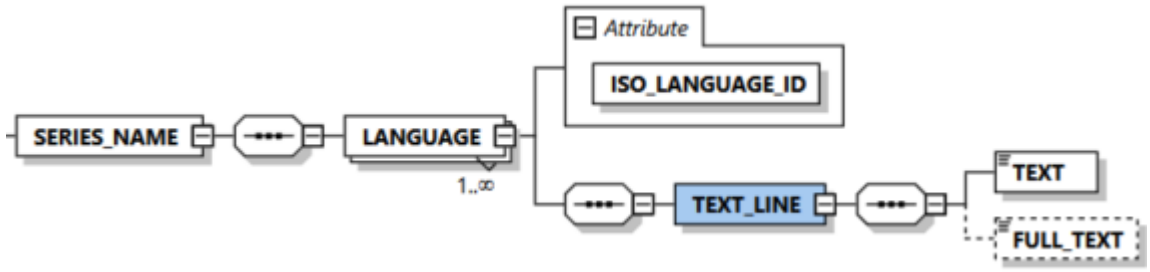
```
<xs:element name="PLANNING_ADVICE" type="languagetext" minOccurs="0">
    <xs:annotation>...</xs:annotation>
</xs:element>
```

Description in the documentation:

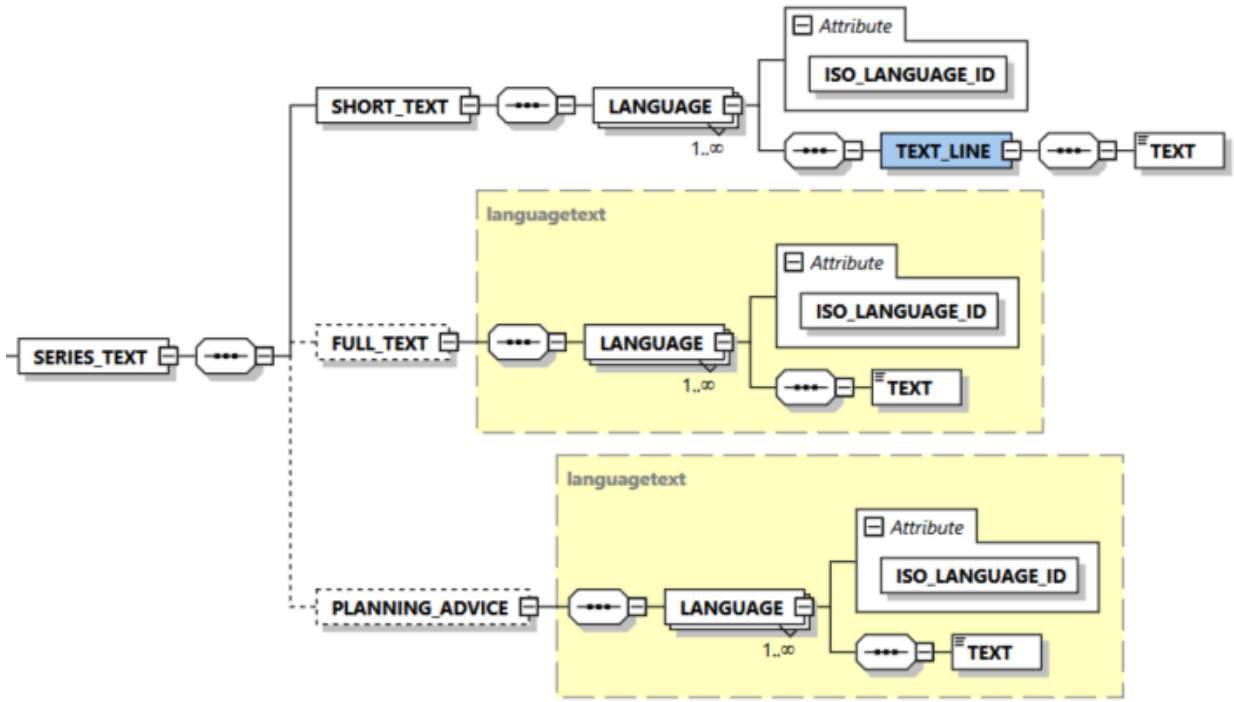
This element contains planning advice that applies to the entire series.

4.3. C Amended structure under SERIES_TEXT Decision: 2021_03_23

3.0.0



3.1.0



The renamed element SERIES_TEXT contains all the texts that describe the model, as is the case with the ITEM, and is to be structured in the same way.

The SHORT_TEXT, formerly TEXT, is in position 1 under SERIES_TEXT, and is the series name.

The FULL_TEXT in position 2 still contains the series description.

The new element PLANNING_ADVICE in position 3 allows planning advice to be entered for the series as well.

```
<xs:element name="SERIES_TEXT">
    <xs:annotation> ... </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SHORT_TEXT">
                <xs:annotation> ... </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="LANGUAGE" maxOccurs="unbounded">
                            <xs:annotation> ... </xs:annotation>
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element name="TEXT_LINE">
                                        <xs:annotation> ... </xs:annotation>
                                        <xs:complexType>
                                            <xs:sequence>
                                                <xs:element name="TEXT">
                                                    <xs:annotation> ... </xs:annotation>
                                                    <xs:simpleType>
                                                        <xs:restriction base="xs:string">
                                                            <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{1,30}"/>
                                                        </xs:restriction>
                                                    </xs:simpleType>
                                                </xs:element>
                                            </xs:sequence>
                                        </xs:complexType>
                                    </xs:element>
                                </xs:sequence>
                                <xs:attribute name="ISO_LANGUAGE_ID" use="required">
                                    <xs:annotation> ... </xs:annotation>
                                    <xs:simpleType>
                                        <xs:restriction base="xs:language">
                                            <xs:pattern value="[A-Z]{2}"/>
                                        </xs:restriction>
                                    </xs:simpleType>
                                </xs:attribute>
                            </xs:complexType>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="FULL_TEXT" type="languagetext" minOccurs="0">
                <xs:annotation> ... </xs:annotation>
            </xs:element>
            <xs:element name="PLANNING_ADVICE" type="languagetext" minOccurs="0">
                <xs:annotation> ... </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

Description in the documentation:

SHORT_TEXT:

This element contains a short text that describes the series.

FULL_TEXT:

The full text contains the complete description of the series. The HTML tags bold and line break can be used within the text. Images are not be be included.

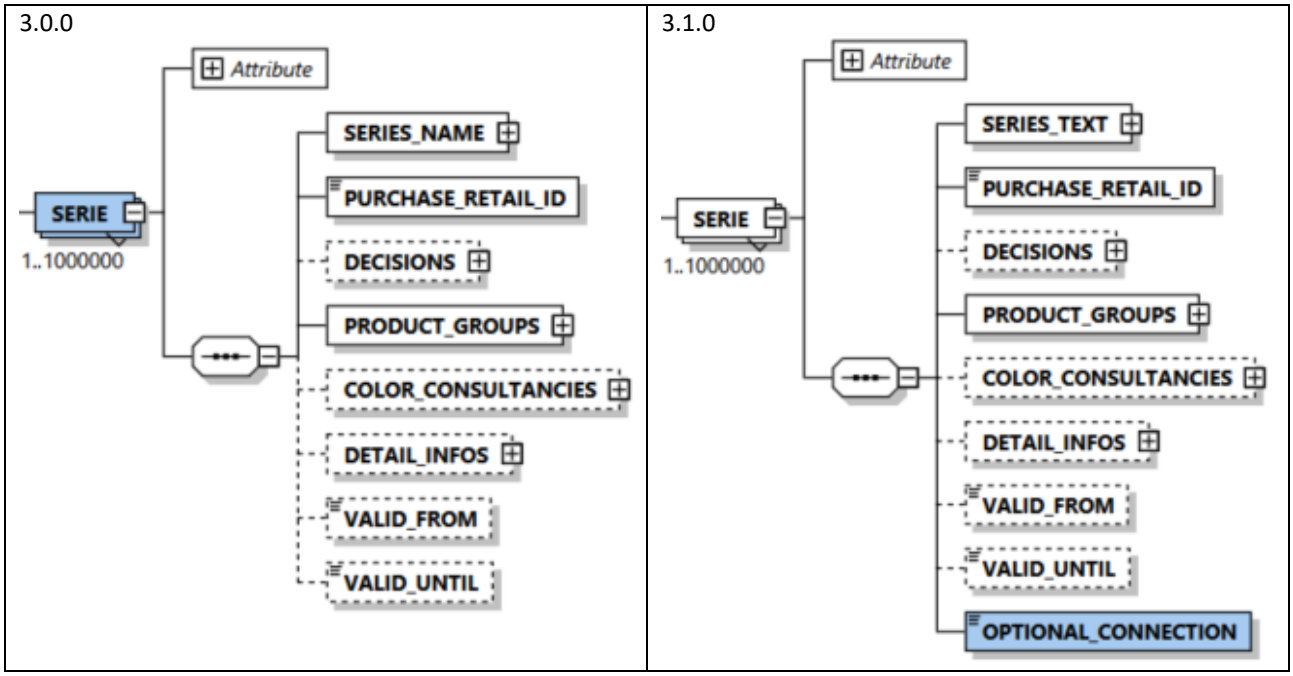
This element contains the full text in a CDATA node. The text must be specified in HTML format:

<b> Bold font

 Line break

5. Flag for additional connection options

5.1. A New element OPTIONAL_CONNECTION under SERIE Decision: 2020_01_22



The working group Magnetic planner asked for a flag to allow further connection options beyond the usual ones in order to continue using the rules in existing catalogues with the currently used Custom connection points that have been replaced by AVN or AVS.

The new element OPTIONAL_CONNECTION under SERIE has the data type boolean with the standard value of 0.

```
<xs:element name="OPTIONAL_CONNECTION" default="0">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:boolean"/>
    </xs:simpleType>
</xs:element>
```

Description in the documentation:

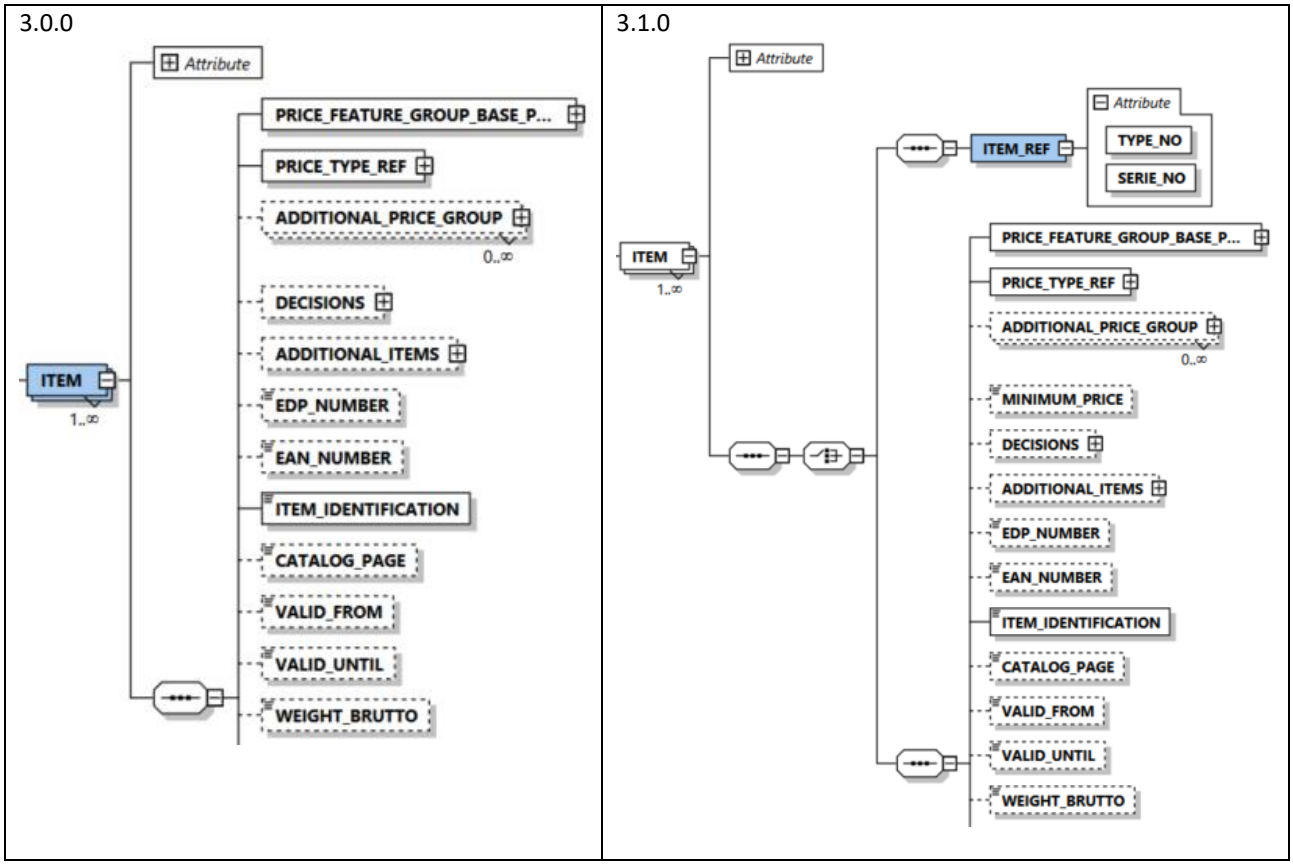
This element makes it possible to allow further connection options beyond the standard connection options.

0 = no additional connection options, only the connection options described in the 2D documentation

1 = additional connection options AVN1-n to AVL and AVS1-n to AVR

6. Reference items

6.1. A New element ITEM_REF under ITEM Decision: 2019_09_05



There is now a Choice Element under ITEM, and the user can decide whether to define all the information on an item or whether to reference an item that already exists. The element ITEM_REF with the attributes TYPE_NO and SERIE_NO is used for this purpose. So the item is referenced to the original item number and the original series, but can also be given its own number in the other saved series.

```
<xs:element name="ITEM" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:choice>
                <xs:sequence>
                    <xs:element name="ITEM_REF">
                        <xs:annotation>...</xs:annotation>
                        <xs:complexType>
                            <xs:attribute name="TYPE_NO" use="required">
                                <xs:annotation>...</xs:annotation>
                                <xs:simpleType>
                                    <xs:restriction base="xs:string">
                                        <xs:minLength value="1"/>
                                        <xs:maxLength value="30"/>
                                    </xs:restriction>
                                </xs:simpleType>
                            </xs:attribute>
                            <xs:attribute name="SERIE_NO" use="required">
                                <xs:annotation>...</xs:annotation>
                                <xs:simpleType>
                                    <xs:restriction base="xs:nonNegativeInteger">
                                        <xs:minInclusive value="0"/>
                                        <xs:maxInclusive value="999999"/>
                                    </xs:restriction>
                                </xs:simpleType>
                            </xs:attribute>
                        </xs:complexType>
                    </xs:element>
```

Description in the documentation:

ITEM_REF:

This element is used to reference an item that has already been created and developed in another series.

TYPE_NO:

This attribute is used to specify the item number of the referenced item.

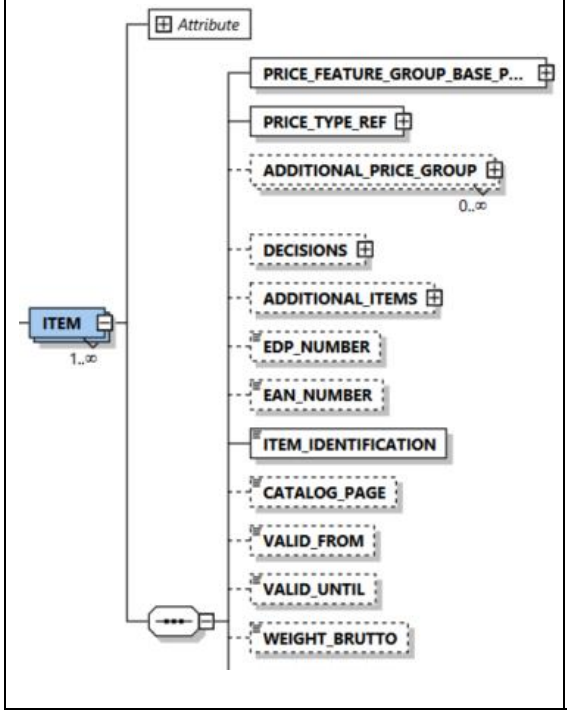
SERIE_NO:

This attribute is used to specify the serial number of the referenced item.

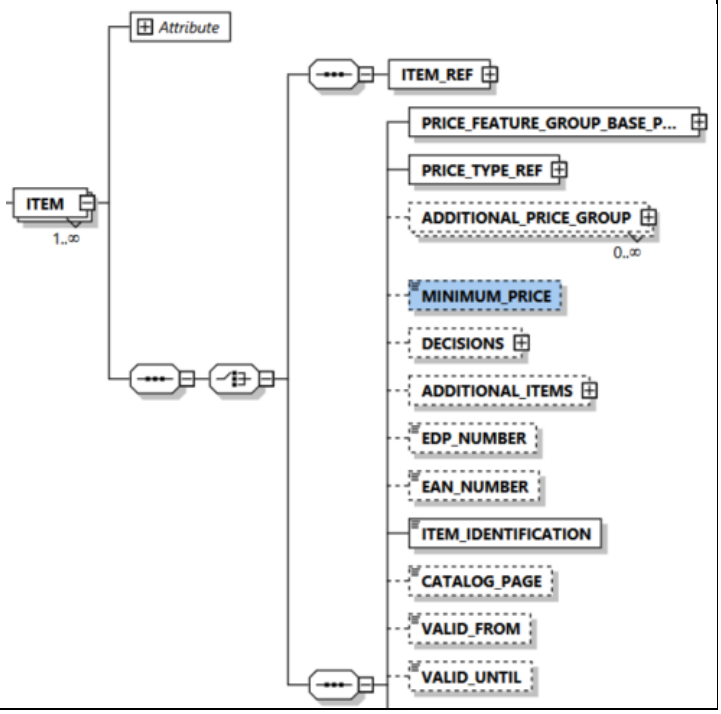
7. Minimum price

7.1. A New element MINIMUM_PRICE under ITEM Decision: 2019_04_15

3.0.0



3.1.0



The MINIMUM_PRICE has been included as an optional element in position 4 under ITEM.

```
<xs:element name="MINIMUM_PRICE" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:integer">
            <xs:minInclusive value="-99999999"/>
            <xs:maxInclusive value="999999999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

Description in the documentation:

This element states the minimum price of an item.

8. ITEM_IDENTIFICATION

8.1.	C	New value in the element ITEM_IDENTIFICATION	Decision: 2019_11_27

3.0.0

3.1.0

The value 3 is now also permitted under ITEM_IDENTIFICATION in order to display preferred combinations with pricing on an individual item level.

```
<xs:element name="ITEM_IDENTIFICATION">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[K123]"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

Description in the documentation:

This element is used to assign an identifier to the item:

K = Catalogue item

1 = Planning proposal

2 = Preferred combination

3 = preferred combination with pricing on individual item level

The following applies for the **planning proposal** (1):

The individual items in the part list can accept the default values. There must not be any sub-positions that are only sub-positions and that cannot be ordered individually. Only the resulting items are ordered. The composition itself never appears in the order forms. The positions are eliminated and options passed down in the planning. The individual positions must then be positioned in the magnet planner in their order from left-to-right. Planning suggestions may contain preferred combinations.

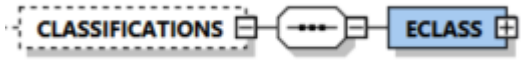
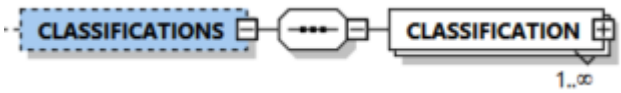
The following rules apply to **preferred combinations**:

It must not contain a planning suggestion. If a preferred combination is eliminated (e.g. by deleting a sub-position), the individual prices are newly determined for the individual positions, and the price advantage no longer applies. The pricing takes place exclusively on main position level.

The price for the preferred combination with pricing on individual item level results from the main position and the individual items.

9. Item classification and Eco Mobilier

9.1. R E_CLASS under CLASSIFICATIONS is omitted Decision: 2020_09_15

3.0.0	3.1.0
	

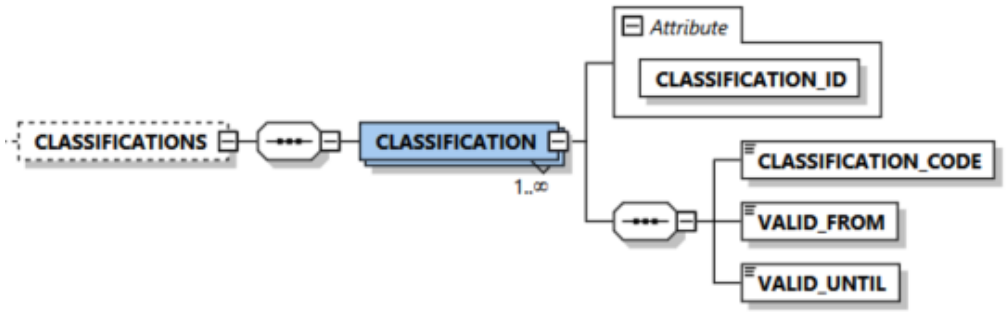
The element ECLASS under CLASSIFICATIONS is omitted.

As eCl@ss is only one of many classification schemes, it is no longer defined in IDM as the only single classification. It is replaced by a general structure that is therefore valid for all schemes.

9.2.	A	New element CLASSIFICATION with new sub-elements	Decision: 2020_09_15

3.0.0

3.1.0



The new element CLASSIFICATION was created under CLASSIFICATIONS. maxOccurs has been set to unbounded in order to allow several classification schemes to be provided. The new attributes and sub-elements are described in the following.

CLASSIFICATION_ID:

The attribute CLASSIFICATION_ID under CLASSIFICATION is of the data type positive integer and may contain a numeric value between 1 and 10.

Description in the documentation:

This attribute specifies the classification scheme. The values in the following list are available to choose from:

ID	Classification scheme
1	eCl@ss
2	Begros organisation classification
3	VME organisation classification
4	Eco Mobilier code
5	eco system EEE
6	free classification scheme
7	free classification scheme
8	free classification scheme
9	free classification scheme
10	free classification scheme

If the scheme that is to be maintained is not in the list, then an ID from 6 is to be chosen for free classification scheme.

CLASSIFICATION_CODE :

The element CLASSIFICATION_CODE in the second place can be filled alphanumerically.

Description in the documentation:

This element contains the code for the category of the classification scheme that is to be assigned to the ITEM.

VALID_FROM:

The element VALID_FROM in the third place depends on the data type date.

Description in the documentation:

This element indicates the date from which the classification specification is valid.

VALID_UNTIL:

The element VALID_UNTIL in the fourth place depends on the data type date.

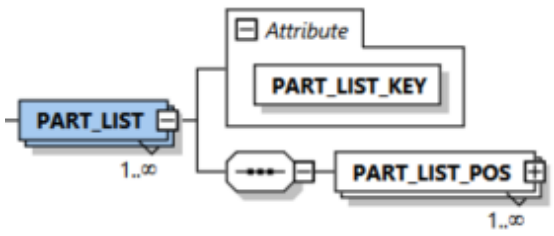
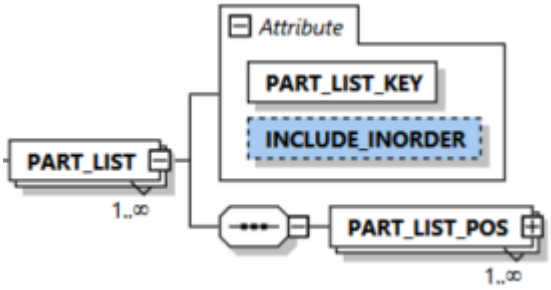
Description in the documentation:

This element indicates the date until which the classification specification is valid.

```
<xs:element name="CLASSIFICATIONS" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="CLASSIFICATION" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="CLASSIFICATION_CODE" type="xs:string">
                            <xs:annotation>...</xs:annotation>
                        </xs:element>
                        <xs:element name="VALID_FROM" type="xs:date">
                            <xs:annotation>...</xs:annotation>
                        </xs:element>
                        <xs:element name="VALID_UNTIL" type="xs:date">
                            <xs:annotation>...</xs:annotation>
                        </xs:element>
                    </xs:sequence>
                    <xs:attribute name="CLASSIFICATION_ID" use="required">
                        <xs:annotation>...</xs:annotation>
                        <xs:simpleType>
                            <xs:restriction base="xs:positiveInteger">
                                <xs:pattern value="([1-9]{1}|1[0]{2})"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

10. Information in orders

10.1. A New attribute INCLUDE_INORDER under PART_LIST Decision: 2019_11_27

3.0.0	3.1.0
	

The optional attribute INCLLUDE_INORDER with the data type boolean has been included under PART_LIST. The default value is True (1).

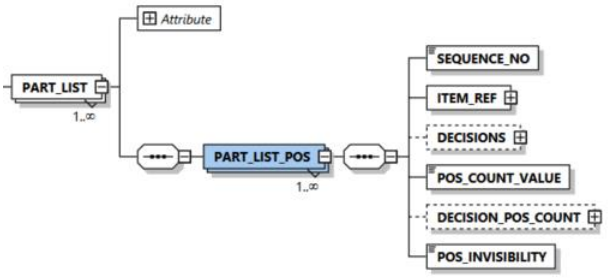
```
<xs:element name="PART_LIST" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="PART_LIST_POS" maxOccurs="unbounded">...</xs:element>
        </xs:sequence>
        <xs:attribute name="PART_LIST_KEY" use="required">...</xs:attribute>
        <xs:attribute name="INCLUDE_INORDER" type="xs:boolean" use="optional" default="1"/>
    </xs:complexType>
</xs:element>
```

Description in the documentation:

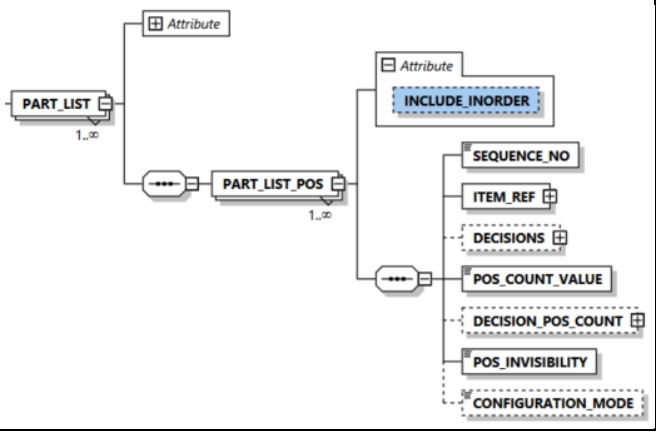
This attribute can be assigned to a part list. The value true (1) means that the part list is included as an item in an order. The value false (0) means it is not in the order, and the default value is true.

10.2. A New attribute INCLUDE_INORDER under PART_LIST_POS Decision: 2019_11_27

3.0.0



3.1.0



The optional attribute INCLUDE_INORDER with the data type boolean has been included under PART_LIST_POS. The default value is True (1).

```
<xs:element name="PART_LIST_POS" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SEQUENCE_NO">...</xs:element>
            <xs:element name="ITEM_REF">...</xs:element>
            <xs:element name="DECISIONS" minOccurs="0">...</xs:element>
            <xs:element name="POS_COUNT_VALUE">...</xs:element>
            <xs:element name="DECISION_POS_COUNT" minOccurs="0">...</xs:element>
            <xs:element name="POS_INVISIBILITY" default="0">...</xs:element>
            <xs:element name="CONFIGURATION_MODE" default="0" minOccurs="0">...</xs:element>
        </xs:sequence>
        <xs:attribute name="INCLUDE_INORDER" type="xs:boolean" use="optional" default="1"/>
    </xs:complexType>
</xs:element>
```

Description in the documentation:

This attribute can be assigned to any position in the part list. The value true (1) means that the position is included in an order. The value false (0) means it is not in the order, and the default value is true.

11. Visibility of individual positions

11.1.	C	Changed data type POS_INVISIBILITY	Decision: 2019_11_27

3.0.0

```
    <xs:element name="POS_INVISIBILITY">
        <xs:annotation>
            <xs:documentation xml:lang="DE">IDM 2.5 neu
0 = sichtbar komplett
1 = gar nicht sichtbar
2= nur in EDI-Bestellung sichtbar, wenn über Decisions gezogen wird</xs:documentation>
            <xs:documentation>Version Beta 2.0 Build 0</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:integer">
                <xs:minInclusive value="0" />
                <xs:maxInclusive value="2" />
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
```

3.1.0

```
    <xs:element name="POS_INVISIBILITY" default="0">
        <xs:annotation>
            <xs:documentation xml:lang="DE">IDM 3.1.0 neu
0 = sichtbar komplett
1 = gar nicht sichtbar
            </xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:boolean"/>
        </xs:simpleType>
    </xs:element>
```

The data type boolean has now been stored in the element POS_INVISIBILITY instead of the data type integer with the 3 permitted values 0, 1 and 2. So now it is only possible to set whether the item in the part list should be visible or not. There is no longer any distinction between visibility in the configuration or the order. The default value is False (0).

Description in the documentation:

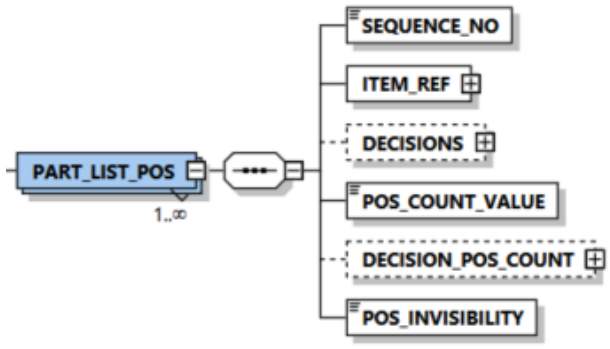
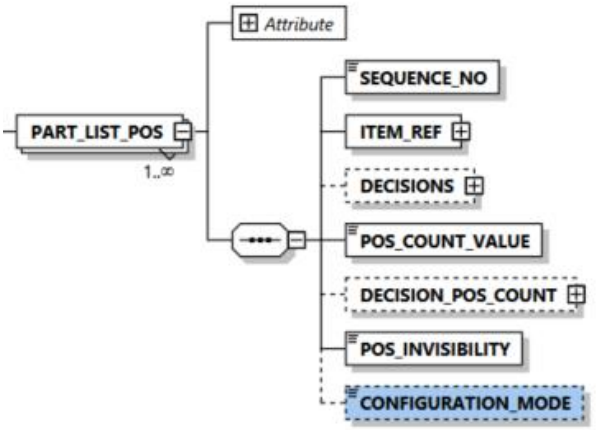
This element controls the visibility of a position in the configurator. The invisibility only applies to the specific position, not to a potentially existing sub-tree. This means that invisibility must in this case be specified at each sub-position.

0 = completely visible

1 = fully invisible

12. Inheritance of option values

12.1. A New element CONFIGURATION_MODE under PART_LIST_POS Decision: 2019_11_27

3.0.0	3.1.0
	

The optional element CONFIGURATION_MODE is in position 7 under PART_LIST_POS. It specifies the configuration behaviour for items on the part list, and may contain the values 0-2.

```
<xs:element name="CONFIGURATION_MODE" default="0" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:nonNegativeInteger">
            <xs:maxInclusive value="2"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

Description in the documentation:

A CONFIGURATION_MODE value can be given for each PART_LIST_POS element:

0 = configuration allowed for non-inherited versions

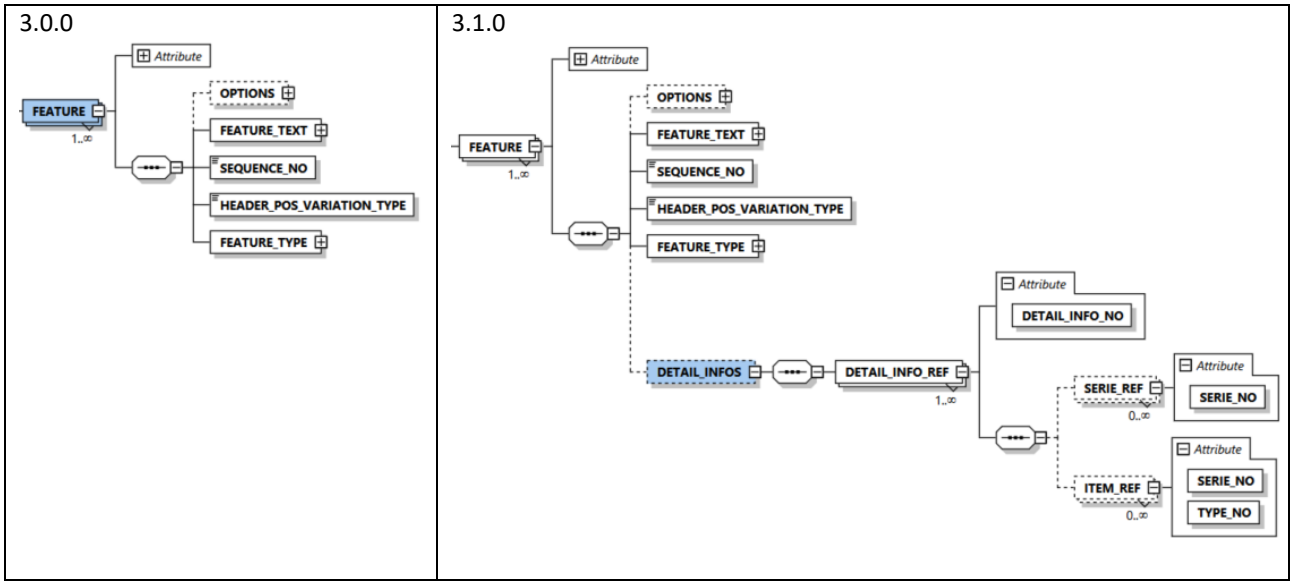
1 = fully configurable

2 = configuration not permitted

The default value is 0.

13. Referencing of detailed information on the version types

13.1. A New element DETAIL_INFOS under FEATURE Decision: 2019_09_05



The complex element with all its sub-elements and attributes is now added to position 6 under Feature. It is identical to the DETAIL_INFOS under OPTION.

Description in the documentation:

DETAIL_INFOS:

This element is used to assign media. It is possible to assign a number of detailed information points to one version, and each image of the version can then be assigned to specific series or items. The respective image will then only be displayed for the corresponding series or item.

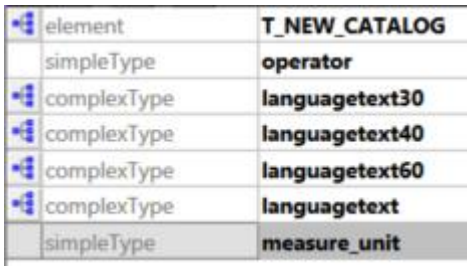
The referencing of media (detailed information) to version types that also contain information on series or items may only be done once per medium, which means that if a number of series or items are referenced, then they all need to be listed when specifying the detailed information.

```
<xs:element name="DETAIL_INFOS" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="DETAIL_INFO_REF" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="SERIE_REF" minOccurs="0" maxOccurs="unbounded">
                            <xs:complexType>
                                <xs:attribute name="SERIE_NO" use="required">
                                    <xs:simpleType>
                                        <xs:restriction base="xs:nonNegativeInteger">
                                            <xs:minInclusive value="0"/>
                                            <xs:maxInclusive value="999999"/>
                                        </xs:restriction>
                                    </xs:simpleType>
                                </xs:attribute>
                            </xs:complexType>
                        </xs:element>
                        <xs:element name="ITEM_REF" minOccurs="0" maxOccurs="unbounded">
                            <xs:complexType>
                                <xs:attribute name="SERIE_NO" use="required">
                                    <xs:simpleType>
                                        <xs:restriction base="xs:nonNegativeInteger">
                                            <xs:minInclusive value="0"/>
                                            <xs:maxInclusive value="999999"/>
                                        </xs:restriction>
                                    </xs:simpleType>
                                </xs:attribute>
                                <xs:attribute name="TYPE_NO" use="required">
                                    <xs:simpleType>
                                        <xs:restriction base="xs:string">
                                            <xs:minLength value="1"/>
                                            <xs:maxLength value="30"/>
                                        </xs:restriction>
                                    </xs:simpleType>
                                </xs:attribute>
                            </xs:complexType>
                        </xs:element>
                    </xs:sequence>
                    <xs:attribute name="DETAIL_INFO_NO" use="required">
                        <xs:simpleType>
                            <xs:restriction base="xs:positiveInteger">
                                <xs:maxInclusive value="999999999"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
                    <xs:attribute name="SEQUENCE_NO" use="required">
                        <xs:simpleType>
                            <xs:restriction base="xs:positiveInteger"/>
                        </xs:simpleType>
                    </xs:attribute>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

14. Value list for units of measurement

14.1. A Creating a global simple type for measure_unit Decision: 2021_06_09

In addition to the global types for language texts and operators, there is now also a globally defined simple type for measure_unit. This means that the units of measurement are only maintained once and can be used in any number of places. This avoids divergent lists of values.



element	**T_NEW_CATALOG**
simpleType	**operator**
complexType	**languagetext30**
complexType	**languagetext40**
complexType	**languagetext60**
complexType	**languagetext**
simpleType	**measure_unit**

```
<xs:simpleType name="measure_unit">
    <xs:restriction base="xs:string">
        <xs:enumeration value="MMT"/>
        <xs:enumeration value="CMT"/>
        <xs:enumeration value="DMT"/>
        <xs:enumeration value="MTR"/>
        <xs:enumeration value="KTM"/>
        <xs:enumeration value="INH"/>
        <xs:enumeration value="FOT"/>
        <xs:enumeration value="YRD"/>
        <xs:enumeration value="MMK"/>
        <xs:enumeration value="CMK"/>
        <xs:enumeration value="DMK"/>
        <xs:enumeration value="MTK"/>
        <xs:enumeration value="INK"/>
        <xs:enumeration value="FTK"/>
        <xs:enumeration value="YDK"/>
        <xs:enumeration value="MGM"/>
        <xs:enumeration value="GRM"/>
        <xs:enumeration value="KGM"/>
        <xs:enumeration value="TNE"/>
        <xs:enumeration value="LBR"/>
        <xs:enumeration value="MMQ"/>
        <xs:enumeration value="CMQ"/>
        <xs:enumeration value="DMQ"/>
        <xs:enumeration value="MTQ"/>
        <xs:enumeration value="INQ"/>
        <xs:enumeration value="FTQ"/>
        <xs:enumeration value="YDQ"/>
        <xs:enumeration value="HLT"/>
        <xs:enumeration value="LTR"/>
        <xs:enumeration value="MLT"/>
        <xs:enumeration value="H87"/>
    </xs:restriction>
</xs:simpleType>
```

Description in the documentation:

This simple data type defines a list of values for units of measurement in common code.

14.2. C New data type for MEASURE_UNIT under FEATURE_TYPE Decision: 2021_06_09

3.0.0

```
<xs:element name="MEASURE_UNIT" type="xs:string">
    <xs:annotation>...</xs:annotation>
</xs:element>
```

3.1.0

```
<xs:element name="MEASURE_UNIT" type="measure_unit">
    <xs:annotation>...</xs:annotation>
</xs:element>
```

The data type string, which previously allowed all values, has now become the new data type measure_unit with a fixed list of values in common code.

Description in the documentation:

This element is used to specify the unit of measure.

14.3. C New data type for MEASURE_UNIT under OPTION_DEFINITION Decision: 2021_06_09

3.0.0

```
<xs:element name="MEASURE_UNIT" type="xs:string">
    <xs:annotation>...</xs:annotation>
</xs:element>
```

3.1.0

```
<xs:element name="MEASURE_UNIT" type="measure_unit">
    <xs:annotation>...</xs:annotation>
</xs:element>
```

The data type string, which previously allowed all values, has now become the new data type measure_unit with a fixed list of values in common code.

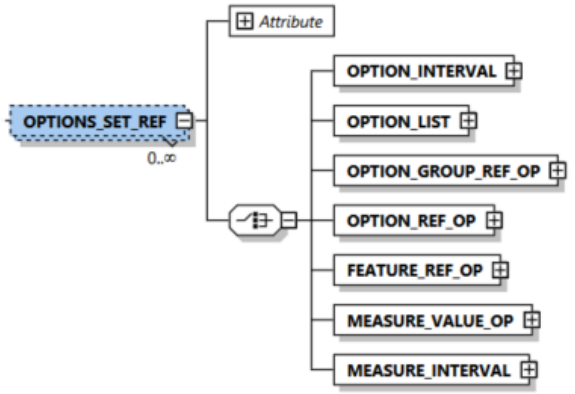
Description in the documentation:

This element is used to specify the unit of measure.

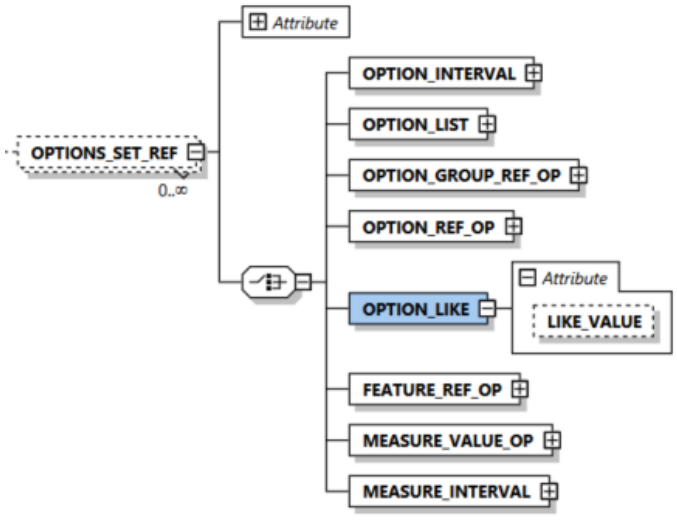
15. Comparisons in rules

15.1. A New element OPTION_LIKE under OPTIONS_SET_REF Decision: 2020_02_20

3.0.0



3.1.0



The new element OPTION_LIKE has been added in position 5 under OPTIONS_SET_REF. It contains the attribute LIKE_VALUE , which can contain a 1- to 30-digit string.

```
<xs:element name="OPTION_LIKE">
    <xs:annotation> ... </xs:annotation>
    <xs:complexType>
        <xs:attribute name="LIKE_VALUE">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:minLength value="1"/>
                    <xs:maxLength value="30"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>
```

Description in the documentation:

OPTION_LIKE:

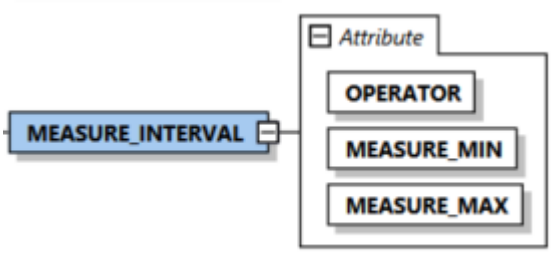
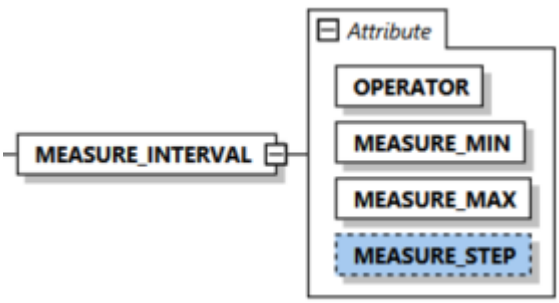
This element is used to compare versions in text patterns.

LIKE_VALUE:

This is where the comparison string is entered. Similar to the SQL comparison operator LIKE, it may contain the characters '_' for any character, and '%' for any string.

16. Intervals between measurement units

16.1. A New attribute MEASURE_STEP under MEASURE_INTERVAL Decision: 2020_02_20

3.0.0	3.1.0
	

The new attribute MEASURE_STEP under MEASURE_INTERVAL is optional and is in position 4. It represents the possible intervals between the permitted measurement units.

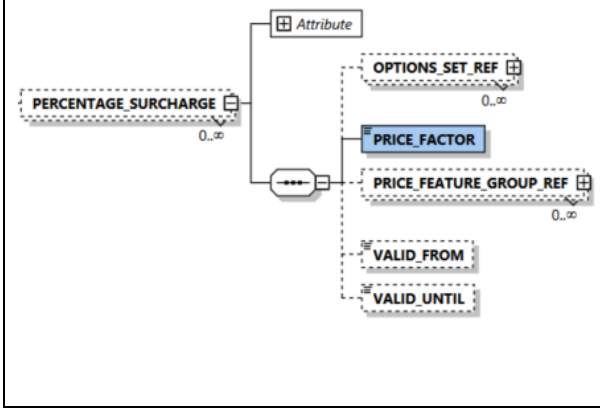
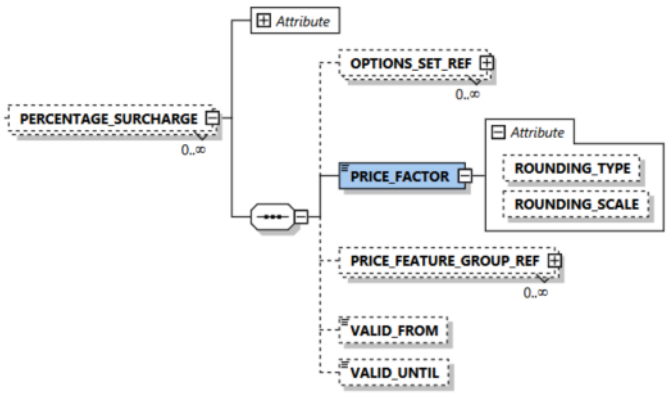
```
<xs:attribute name="MEASURE_STEP" type="xs:nonNegativeInteger">
    <xs:annotation> ... </xs:annotation>
</xs:attribute>
```

Description in the documentation:

This attribute is used to specify the widths in the interval.

17. Percentage surcharges

17.1. A New attributes under PRICE_FACTOR Decision: 2021_03_23

3.0.0	3.1.0
	

The two attributes ROUNDING_TYPE of the data type positive integer with the permitted values 1, 2 and 3, and ROUNDING_SCALE of the data type integer with the permitted values -3 to 2 have have been added under PRICE_FACTOR.

Description in the documentation:

ROUNDING_TYPE:

This element specifies the type of rounding.

1 = rounding up

2 = rounding down

3 = commercial rounding

ROUNDING_SCALE:

This element indicates how many digits to round to.

-3 = round to 1000s

-2 = round to 100s

-1 = round to 10s

0 = round to 1s

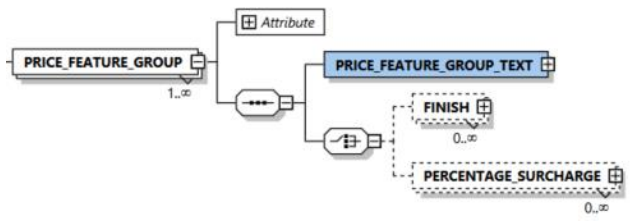
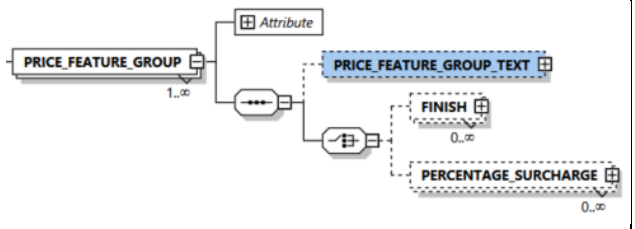
1 = round to 1 decimal place

2 = round to 2 decimal places

```
<xs:element name="PRICE_FACTOR">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:simpleContent>
            <xs:extension base="xs:int">
                <xs:attribute name="ROUNDING_TYPE">
                    <xs:annotation>...</xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:positiveInteger">
                            <xs:minInclusive value="1"/>
                            <xs:maxInclusive value="3"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:attribute>
                <xs:attribute name="ROUNDING_SCALE">
                    <xs:annotation>...</xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:integer">
                            <xs:minInclusive value="-3"/>
                            <xs:maxInclusive value="2"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:attribute>
            </xs:extension>
        </xs:simpleContent>
    </xs:complexType>
</xs:element>
```

18. Maintaining the descriptions of surcharge groups

18.1.	C	PRICE_FEATURE_GROUP_TEXT is optional	Decision: 2021_03_23

3.0.0	3.1.0
	

The element PRICE_FEATURE_GROUP_TEXT is now no longer mandatory. The value minOccurs has been set to 0.

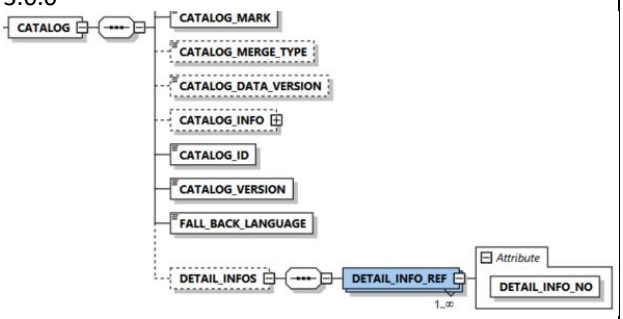
```
<xs:element name="PRICE_FEATURE_GROUP_TEXT" type="languagetext60" minOccurs="0">
    <xs:annotation>...</xs:annotation>
</xs:element>
```

A = Added = add new elements or attributes
C = Changed = changes to existing elements, attributes or descriptive texts
R = Removed = deletion of elements or attributes
F = Fixed = correction of errors to existing elements, attributes or descriptive texts

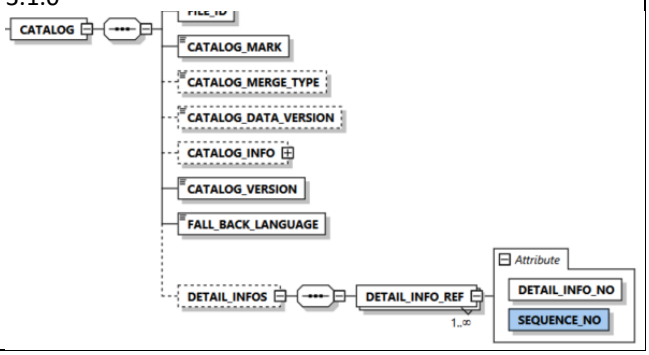
19. Organising the detailed information

19.1.	A	New attribute SEQUENCE_NO under DETAIL_INFO_REF below CATALOG	Decision: 2020_06_16

3.0.0



3.1.0



The new attribute SEQUENCE_NO, which is mandatory and has the data type positive integer, is under DETAIL_INFO_REF below CATALOG.

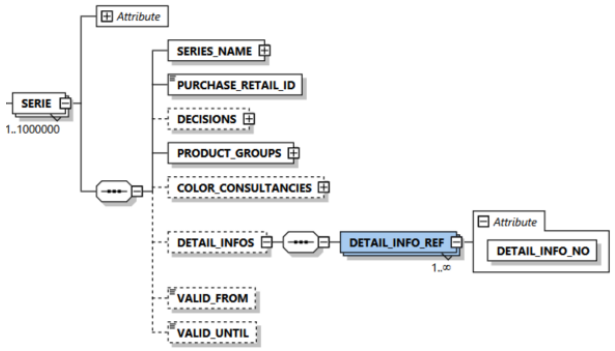
```
<xs:attribute name="SEQUENCE_NO" use="required">
    <xs:simpleType>
        <xs:restriction base="xs:positiveInteger"/>
    </xs:simpleType>
</xs:attribute>
```

Description in the documentation:

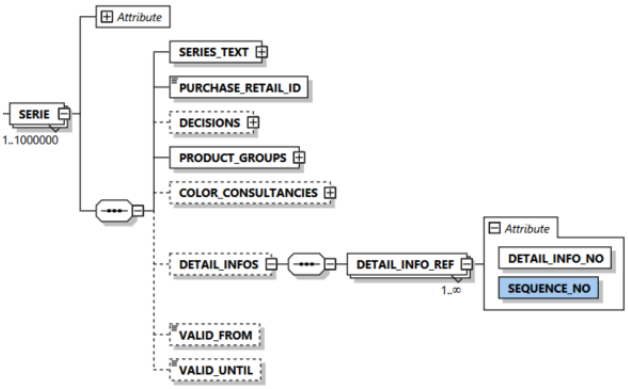
This attribute allows for the specification of detailed information for the catalogue with a freely-defined sorting order.

19.2.	A	New attribute SEQUENCE_NO under DETAIL_INFO_REF below SERIE	Decision: 2020_06_16

3.0.0



3.1.0



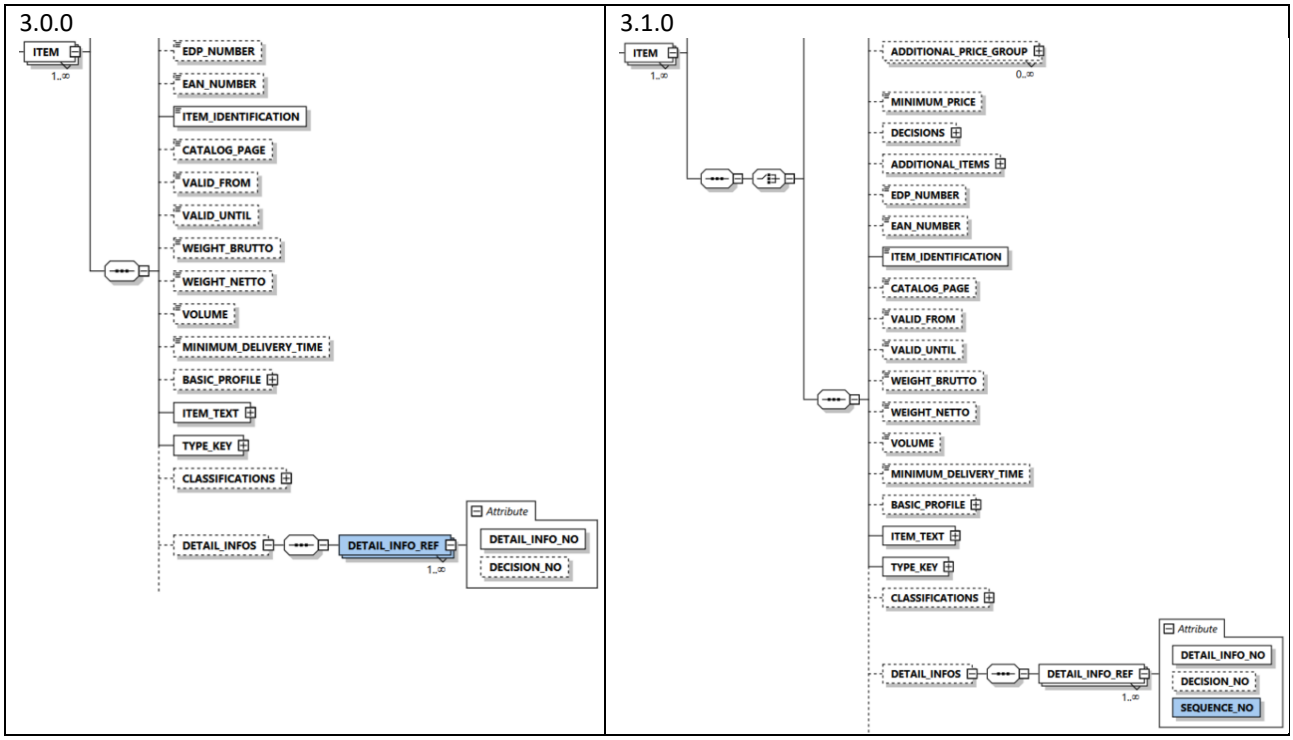
The new attribute SEQUENCE_NO, which is mandatory and has the data type positive integer, is under DETAIL_INFO_REF below SERIE.

```
<xs:attribute name="SEQUENCE_NO" use="required">
    <xs:simpleType>
        <xs:restriction base="xs:positiveInteger"/>
    </xs:simpleType>
</xs:attribute>
```

Description in the documentation:

This attribute allows for the specification of detailed information for the series with a freely-defined sorting order.

19.3.	A	New attribute SEQUENCE_NO under DETAIL_INFO_REF below ITEM	Decision: 2020_06_16



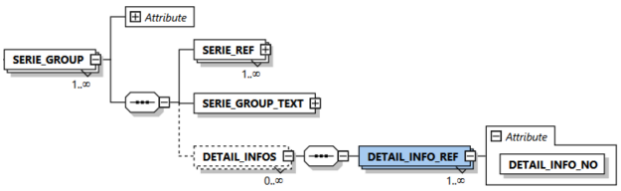
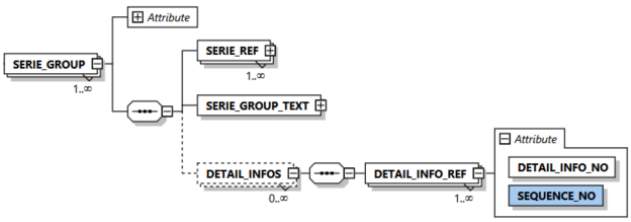
The new attribute SEQUENCE_NO, which is mandatory and has the data type positive integer, is under DETAIL_INFO_REF below ITEM.

```
<xs:attribute name="SEQUENCE_NO" use="required">
    <xs:simpleType>
        <xs:restriction base="xs:positiveInteger"/>
    </xs:simpleType>
</xs:attribute>
```

Description in the documentation:

This attribute allows for the specification of detailed information for the item with a freely-defined sorting order.

19.4.	A	New attribute SEQUENCE_NO under DETAIL_INFO_REF below SERIE_GROUP	Decision: 2020_06_16

3.0.0	3.1.0
	

The new attribute SEQUENCE_NO, which is mandatory and has the data type positive integer, is under DETAIL_INFO_REF below ITEM.

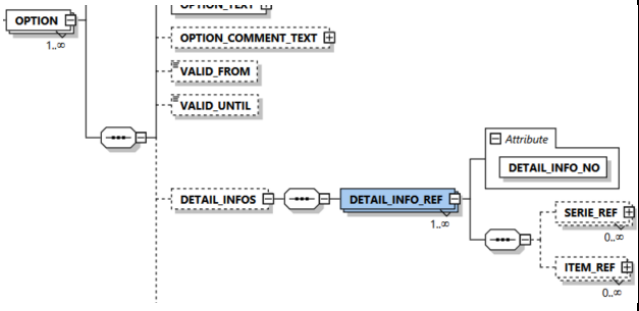
```
<xs:attribute name="SEQUENCE_NO" use="required">
    <xs:simpleType>
        <xs:restriction base="xs:positiveInteger"/>
    </xs:simpleType>
</xs:attribute>
```

Description in the documentation:

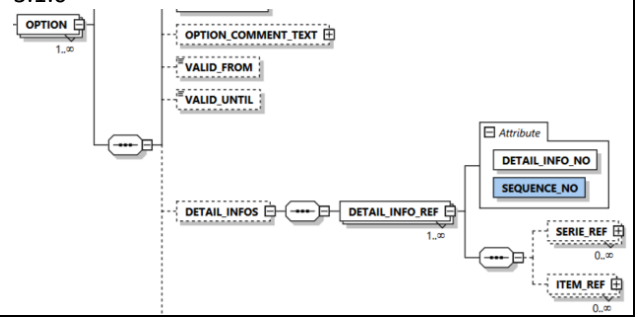
This attribute allows for the specification of detailed information for the series group with a freely-defined sorting order.

19.5.	A	New attribute SEQUENCE_NO under DETAIL_INFO_REF below OPTION	Decision: 2020_06_16

3.0.0



3.1.0



The new attribute SEQUENCE_NO, which is mandatory and has the data type positive integer, is under DETAIL_INFO_REF below OPTION.

```
<xs:attribute name="SEQUENCE_NO" use="required">
    <xs:simpleType>
        <xs:restriction base="xs:positiveInteger"/>
    </xs:simpleType>
</xs:attribute>
```

Description in the documentation:

This attribute allows for the specification of detailed information for the options with a freely-defined sorting order.

20. Protected spaces on regular printouts

20.1.	F	Changed pattern for global complexType languagetext30	Decision: 2021_06_09

3.0.0

```
<xs:complexType name="languagetext30">
    <xs:annotation>...</xs:annotation>
    <xs:sequence>
        <xs:element name="LANGUAGE" maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="TEXT">
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:pattern value="[\S ]{1,30}" />
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                </xs:sequence>
                <xs:attribute name="ISO_LANGUAGE_ID" use="required">
                    <xs:simpleType>
                        <xs:restriction base="xs:language">
                            <xs:pattern value="[A-Z]{2}" />
                        </xs:restriction>
                    </xs:simpleType>
                </xs:attribute>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
```

3.1.0

```
<xs:complexType name="languagetext30">
    <xs:annotation>...</xs:annotation>
    <xs:sequence>
        <xs:element name="LANGUAGE" maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="TEXT">
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{1,30}"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                </xs:sequence>
                <xs:attribute name="ISO_LANGUAGE_ID" use="required">
                    <xs:simpleType>
                        <xs:restriction base="xs:language">
                            <xs:pattern value="[A-Z]{2}"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:attribute>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
```

As \S was interpreted differently, another regular expression was chosen. The new pattern now allows clearly protected spaces in languagtext30.

20.2. F Changed pattern for global complexType languagetext40 Decision: 2021_06_09

3.0.0

```
<xs:complexType name="languagetext40">
    <xs:annotation>...</xs:annotation>
    <xs:sequence>
        <xs:element name="LANGUAGE" maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="TEXT">
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:pattern value="[\S ]{1,40}" />
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                </xs:sequence>
                <xs:attribute name="ISO_LANGUAGE_ID" use="required">
                    <xs:simpleType>
                        <xs:restriction base="xs:language">
                            <xs:pattern value="[A-Z]{2}" />
                        </xs:restriction>
                    </xs:simpleType>
                </xs:attribute>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
```

3.1.0

```
<xs:complexType name="languagetext40">
    <xs:annotation>...</xs:annotation>
    <xs:sequence>
        <xs:element name="LANGUAGE" maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="TEXT">
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{1,40}"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                </xs:sequence>
                <xs:attribute name="ISO_LANGUAGE_ID" use="required">
                    <xs:simpleType>
                        <xs:restriction base="xs:language">
                            <xs:pattern value="[A-Z]{2}"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:attribute>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
```

As \S was interpreted differently, another regular expression was chosen. The new pattern now allows clearly protected spaces in languagtext40.

20.3. F Changed pattern for global complexType languagetext60 Decision: 2021_06_09

3.0.0

```
<xs:complexType name="languagetext60">
    <xs:annotation>...</xs:annotation>
    <xs:sequence>
        <xs:element name="LANGUAGE" maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="TEXT">
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:pattern value="[\S ]{1,60}" />
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                </xs:sequence>
                <xs:attribute name="ISO_LANGUAGE_ID" use="required">
                    <xs:simpleType>
                        <xs:restriction base="xs:language">
                            <xs:pattern value="[A-Z]{2}" />
                        </xs:restriction>
                    </xs:simpleType>
                </xs:attribute>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
```

3.1.0

```
<xs:complexType name="languagetext60">
    <xs:annotation>...</xs:annotation>
    <xs:sequence>
        <xs:element name="LANGUAGE" maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="TEXT">
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{1,60}"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                </xs:sequence>
                <xs:attribute name="ISO_LANGUAGE_ID" use="required">
                    <xs:simpleType>
                        <xs:restriction base="xs:language">
                            <xs:pattern value="[A-Z]{2}"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:attribute>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
```

As \S was interpreted differently, another regular expression was chosen. The new pattern now allows clearly protected spaces in languagtext30.

20.4. F Changed pattern for text under SERIES->SHORT_TEXT Decision: 2021_06_09

3.0.0

```
<xs:element name="TEXT">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[\S ]{1,30}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

3.1.0

```
<xs:element name="TEXT">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{1,30}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

As \S was interpreted differently, another regular expression was chosen. The new pattern now allows clearly protected spaces in the TEXT under SHORT TEXT below SERIES_TEXT.

20.5. F Changed pattern for text under ITEM->SHORT_TEXT Decision: 2021_06_09

3.0.0

```
<xs:element name="TEXT">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[\S ]{1,30}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

3.1.0

```
<xs:element name="TEXT">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{1,30}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

As \S was interpreted differently, another regular expression was chosen. The new pattern now allows clearly protected spaces in the TEXT under SHORT TEXT below SERIES_TEXT.

21. Text changes in the IDMP and Magnetic planner documentation

21.1.	F	Fallback language must be included in the catalogue	Decision: 2021_03_23

Description on the element FALL_BACK_LANGUAGE:

3.0.0 This element corresponds to the language code that defines the language in which the data pool texts were created if no language identifier for multi-language texts is specified. The two-digit ISO language code must be used.
3.1.0 This element corresponds to the language code that defines the language in which the data pool texts were created if no language identifier for multi-language texts is specified. The two-digit ISO language code must be used. The specified fallback language must be included in the catalogue

21.2.	C	Specification of the URL in the fallback language for multilingual catalogues	Decision: 2021_03_23

Description on the element URL:

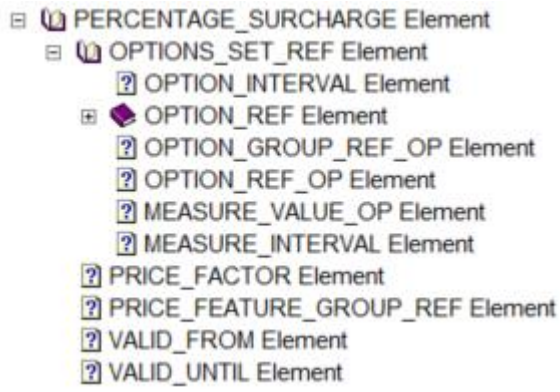
3.0.0 This element specifies the URL to the detailed information.
3.1.0 This element specifies the URL to the detailed information. In multilingual catalogues, the URL is only to be saved once in the specified fallback language.

21.3.	C	Recommended size of images of typical settings 2048x2048	Decision: 2021_03_23

Description on the element INFO_TYPE:

3.0.0 This element is here to describe the type of detailed information. The values of the available info types can be found in the corresponding table in the introduction.
3.1.0 This element is here to describe the type of detailed information. The values of the available info types can be found in the corresponding table in the introduction. An image size of 2048x2048px is recommended for images of typical settings (INFO_TYPE = 1).

21.4.	F	Reference in the directory to OPTION_LIST instead of OPTION_REF under PERCENTAGE_SURCHARGE	Decision: 2021_06_09

3.0.0	3.1.0
	

In future, the table of contents of the documentation will be generated from the XSD , and so can no longer be displayed incorrectly. The new documentation can only be made available after completion of our commissioned tools.

21.5.	C	New version types for fabric and leather requirements	Decision: 2021_03_23

The version types in 3.0.0 end at 210 = free version type.

The two new version types have been added for 3.1.0:

- 211 = fabric requirement in linear metres
- 212 = leather requirement in m²

21.6. C Changed version types for connection types Decision: 2021_03_23

Changed in the IDMP documentation and image in the magnetic planner documentation swapped.

3.0.0

Varianten_Art	Varianten_Art_Text	Typ	Bemerkung / mögliche Ausprägungen
89	Anschlusstyp L	P	ID des Anschlussvektors in der SVG: AVL
90	Anschlusstyp R	P	ID des Anschlussvektors in der SVG: AVR
91	Anschlusstyp Custom 1	P	ID des Anschlussvektors in der SVG: AVC01
92	Anschlusstyp Custom 2	P	ID des Anschlussvektors in der SVG: AVC02
93	Anschlusstyp Custom 3	P	ID des Anschlussvektors in der SVG: AVC03
94	Anschlusstyp Custom 4	P	ID des Anschlussvektors in der SVG: AVC04
150	Anschlusstyp Custom 5	P	ID des Anschlussvektors in der SVG: AVC05
151	Anschlusstyp Custom 6	P	ID des Anschlussvektors in der SVG: AVC06
152	Anschlusstyp Custom 7	P	ID des Anschlussvektors in der SVG: AVC07
153	Anschlusstyp Custom 8	P	ID des Anschlussvektors in der SVG: AVC08
154	Anschlusstyp Custom 9	P	ID des Anschlussvektors in der SVG: AVC09
155	Anschlusstyp Custom 10	P	ID des Anschlussvektors in der SVG: AVC10
160	Anschlusstyp Oben 1	P	ID des Anschlussvektors in der SVG: AVO1
161	Anschlusstyp Oben 2	P	ID des Anschlussvektors in der SVG: AVO2
162	Anschlusstyp Oben 3	P	ID des Anschlussvektors in der SVG: AVO3
163	Anschlusstyp Oben 4	P	ID des Anschlussvektors in der SVG: AVO4
164	Anschlusstyp Oben 5	P	ID des Anschlussvektors in der SVG: AVO5
165	Anschlusstyp Unten 1	P	ID des Anschlussvektors in der SVG: AVU1
166	Anschlusstyp Unten 2	P	ID des Anschlussvektors in der SVG: AVU2
167	Anschlusstyp Unten 3	P	ID des Anschlussvektors in der SVG: AVU3
168	Anschlusstyp Unten 4	P	ID des Anschlussvektors in der SVG: AVU4
169	Anschlusstyp Unten 5	P	ID des Anschlussvektors in der SVG: AVU5
170	Anschlusstyp Oben 6	P	ID des Anschlussvektors in der SVG: AVO6
171	Anschlusstyp Oben 7	P	ID des Anschlussvektors in der SVG: AVO7
172	Anschlusstyp Oben 8	P	ID des Anschlussvektors in der SVG: AVO8
173	Anschlusstyp Oben 9	P	ID des Anschlussvektors in der SVG: AVO9
174	Anschlusstyp Oben 10	P	ID des Anschlussvektors in der SVG: AVO10
175	Anschlusstyp Unten 6	P	ID des Anschlussvektors in der SVG: AVU6
176	Anschlusstyp Unten 7	P	ID des Anschlussvektors in der SVG: AVU7
177	Anschlusstyp Unten 8	P	ID des Anschlussvektors in der SVG: AVU8
178	Anschlusstyp Unten 9	P	ID des Anschlussvektors in der SVG: AVU9
179	Anschlusstyp Unten 10	P	ID des Anschlussvektors in der SVG: AVU10
180	Anschlusstyp Custom 1N	P	ID des Anschlussvektors in der SVG: AVC01N
181	Anschlusstyp Custom 2N	P	ID des Anschlussvektors in der SVG: AVC02N
182	Anschlusstyp Custom 3N	P	ID des Anschlussvektors in der SVG: AVC03N
183	Anschlusstyp Custom 4N	P	ID des Anschlussvektors in der SVG: AVC04N
184	Anschlusstyp Custom 5N	P	ID des Anschlussvektors in der SVG: AVC05N
185	Anschlusstyp Custom 6N	P	ID des Anschlussvektors in der SVG: AVC06N
186	Anschlusstyp Custom 7N	P	ID des Anschlussvektors in der SVG: AVC07N
187	Anschlusstyp Custom 8N	P	ID des Anschlussvektors in der SVG: AVC08N
188	Anschlusstyp Custom 9N	P	ID des Anschlussvektors in der SVG: AVC09N
189	Anschlusstyp Custom 10N	P	ID des Anschlussvektors in der SVG: AVC10N
190	Anschlusstyp Custom 1S	P	ID des Anschlussvektors in der SVG: AVC01S
191	Anschlusstyp Custom 2S	P	ID des Anschlussvektors in der SVG: AVC02S
192	Anschlusstyp Custom 3S	P	ID des Anschlussvektors in der SVG: AVC03S
193	Anschlusstyp Custom 4S	P	ID des Anschlussvektors in der SVG: AVC04S
194	Anschlusstyp Custom 5S	P	ID des Anschlussvektors in der SVG: AVC05S
195	Anschlusstyp Custom 6S	P	ID des Anschlussvektors in der SVG: AVC06S
196	Anschlusstyp Custom 7S	P	ID des Anschlussvektors in der SVG: AVC07S
197	Anschlusstyp Custom 8S	P	ID des Anschlussvektors in der SVG: AVC08S
198	Anschlusstyp Custom 9S	P	ID des Anschlussvektors in der SVG: AVC09S
199	Anschlusstyp Custom 10S	P	ID des Anschlussvektors in der SVG: AVC10S

3.1.0

Varianten_Art	Varianten_Art_Text	Typ	Bemerkung / mögliche Ausprägungen
89	Anschlusstyp L	P	ID des Anschlussvektors in der SVG: AVL
90	Anschlusstyp R	P	ID des Anschlussvektors in der SVG: AVR
160	Anschlusstyp Oben 1	P	ID des Anschlussvektors in der SVG: AVO1
161	Anschlusstyp Oben 2	P	ID des Anschlussvektors in der SVG: AVO2
162	Anschlusstyp Oben 3	P	ID des Anschlussvektors in der SVG: AVO3
163	Anschlusstyp Oben 4	P	ID des Anschlussvektors in der SVG: AVO4
164	Anschlusstyp Oben 5	P	ID des Anschlussvektors in der SVG: AVO5
165	Anschlusstyp Unten 1	P	ID des Anschlussvektors in der SVG: AVU1
166	Anschlusstyp Unten 2	P	ID des Anschlussvektors in der SVG: AVU2
167	Anschlusstyp Unten 3	P	ID des Anschlussvektors in der SVG: AVU3
168	Anschlusstyp Unten 4	P	ID des Anschlussvektors in der SVG: AVU4
169	Anschlusstyp Unten 5	P	ID des Anschlussvektors in der SVG: AVU5
170	Anschlusstyp Oben 6	P	ID des Anschlussvektors in der SVG: AVO6
171	Anschlusstyp Oben 7	P	ID des Anschlussvektors in der SVG: AVO7
172	Anschlusstyp Oben 8	P	ID des Anschlussvektors in der SVG: AVO8
173	Anschlusstyp Oben 9	P	ID des Anschlussvektors in der SVG: AVO9
174	Anschlusstyp Oben 10	P	ID des Anschlussvektors in der SVG: AVO10
175	Anschlusstyp Unten 6	P	ID des Anschlussvektors in der SVG: AVU6
176	Anschlusstyp Unten 7	P	ID des Anschlussvektors in der SVG: AVU7
177	Anschlusstyp Unten 8	P	ID des Anschlussvektors in der SVG: AVU8
178	Anschlusstyp Unten 9	P	ID des Anschlussvektors in der SVG: AVU9
179	Anschlusstyp Unten 10	P	ID des Anschlussvektors in der SVG: AVU10
180	Anschlusstyp Nord 1	P	ID des Anschlussvektors in der SVG: AVN1
181	Anschlusstyp Nord 2	P	ID des Anschlussvektors in der SVG: AVN2
182	Anschlusstyp Nord 3	P	ID des Anschlussvektors in der SVG: AVN3
183	Anschlusstyp Nord 4	P	ID des Anschlussvektors in der SVG: AVN4
184	Anschlusstyp Nord 5	P	ID des Anschlussvektors in der SVG: AVN5
185	Anschlusstyp Nord 6	P	ID des Anschlussvektors in der SVG: AVN6
186	Anschlusstyp Nord 7	P	ID des Anschlussvektors in der SVG: AVN7
187	Anschlusstyp Nord 8	P	ID des Anschlussvektors in der SVG: AVN8
188	Anschlusstyp Nord 9	P	ID des Anschlussvektors in der SVG: AVN9
189	Anschlusstyp Nord 10	P	ID des Anschlussvektors in der SVG: AVN10
190	Anschlusstyp Süd 1	P	ID des Anschlussvektors in der SVG: AVS1
191	Anschlusstyp Süd 2	P	ID des Anschlussvektors in der SVG: AVS2
192	Anschlusstyp Süd 3	P	ID des Anschlussvektors in der SVG: AVS3
193	Anschlusstyp Süd 4	P	ID des Anschlussvektors in der SVG: AVS4
194	Anschlusstyp Süd 5	P	ID des Anschlussvektors in der SVG: AVS5
195	Anschlusstyp Süd 6	P	ID des Anschlussvektors in der SVG: AVS6
196	Anschlusstyp Süd 7	P	ID des Anschlussvektors in der SVG: AVS7
197	Anschlusstyp Süd 8	P	ID des Anschlussvektors in der SVG: AVS8
198	Anschlusstyp Süd 9	P	ID des Anschlussvektors in der SVG: AVS9
199	Anschlusstyp Süd 10	P	ID des Anschlussvektors in der SVG: AVS10

The Custom connection types have expired. The version types 91 to 94 and 150 to 155 used for it are now free version types. Version types 180 to 199 have been renamed according to the specifications of the Magnetic planner working group.

A = Added = add new elements or attributes
C = Changed = changes to existing elements, attributes or descriptive texts
R = Removed = deletion of elements or attributes
F = Fixed = correction of errors to existing elements, attributes or descriptive texts

Unreleased

Display of all changes planned for version 4.0.0

1. Procurement requirements

1.1. Properties for fabric and leather requirement — Decision: 2021_06_09

As a general rule, there should be PROPERTIES in the IDMP in future. With regard to merging with IDM Living, information keys from the value 500 are to be used for the upholstery area.

This was initially decided specifically for the fabric and leather requirements.

500 = fabric requirement in linear metres

501 = leather requirement in m²

2. Classifying

2.1. Search & find — Decision: open

In order to be able to filter models over the entire catalogue, or catalogue-wide, the IDMP is to contain a manageable number of attributes that display the special features that customers search for and maintained by attribute groups. The list of attributes is to be saved once globally and referenced appropriately to the models.
Attribute groups could be e.g. form, function, seating comfort, material, style etc.

2.2. Classification of several schemes — Decision: open

One idea for easier data management of several classification schemes is to further detail the eCl@ss scheme in order to map to other classification schemes if required. Whether classification features should be given directly to the IDMP or separately in another backpack file is also being discussed.

2.3. Classification at options level — Decision: open

A way needs to be found to maintain attributes that cannot be defined on the item because they are version-independent. No specific solutions have yet been suggested.

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