Date: 01.04.2023

Changelog IDM Kitchen/Bath Version 3.0.1

This changelog describes all innovations, enhancements and corrections that are made available with the current version **IDM 3.0.1** (compared to version 2.8.1) both in the XML schema and in the documentation.

Version IDM 3.0.1 is published on 01.04.2023 and becomes valid from 01.07.2023.

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Unreleased*	**1. Best Practices**			
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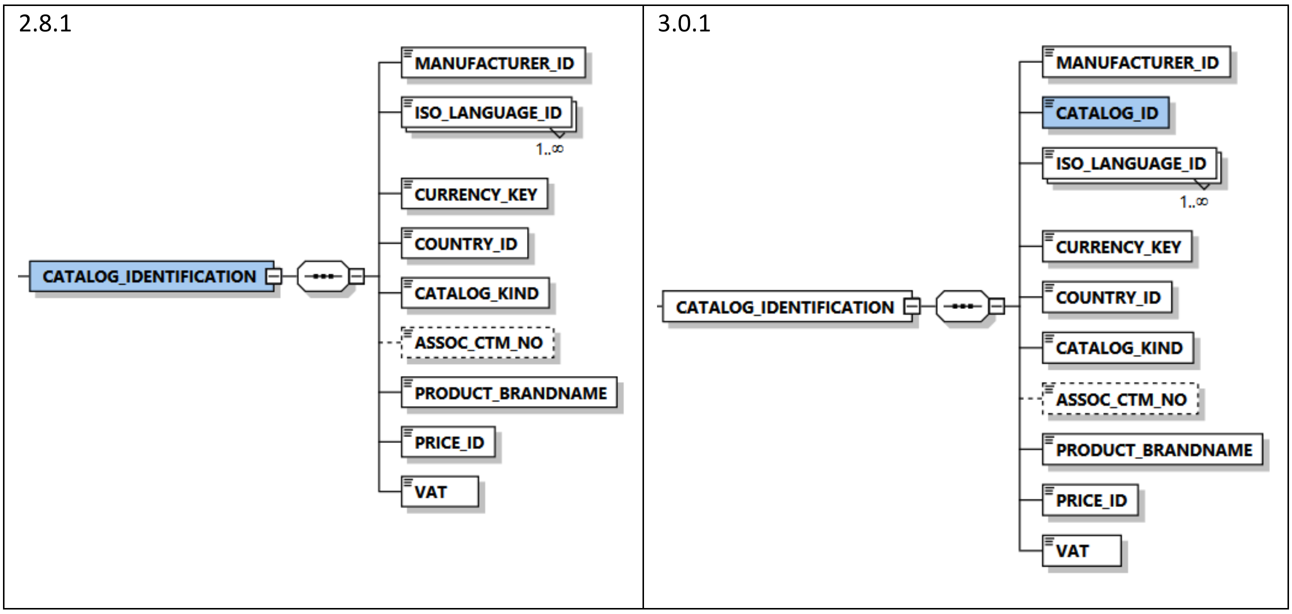
*Indication of any changes envisaged or partially decided for future versions.

Released

Display of all changes recorded for version 3.0.1

1. Catalogue identification and versioning

1.1. A New element CATALOG_ID under CATALOG_IDENTIFICATION Decision : 2021-09-29

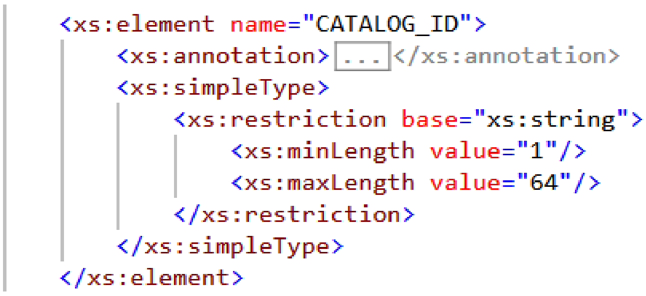

2.8.1
CATALOG_IDENTIFICATION
MANUFACTURER_ID
ISO_LANGUAGE_ID
1..∞
CURRENCY_KEY
COUNTRY_ID
CATALOG_KIND
ASSOC_CTM_NO
PRODUCT_BRANDNAME
PRICE_ID
VAT
3.0.1
CATALOG_IDENTIFICATION
MANUFACTURER_ID
CATALOG_ID
ISO_LANGUAGE_ID
1..∞
CURRENCY_KEY
COUNTRY_ID
CATALOG_KIND
ASSOC_CTM_NO
PRODUCT_BRANDNAME
PRICE_ID
VAT

The element CATALOG_ID under CATALOG_IDENTIFICATION is a mandatory field with max. 64 characters and uniquely identifies the catalogue together with the MANUFACTURER_ID.

Description in the documentation:

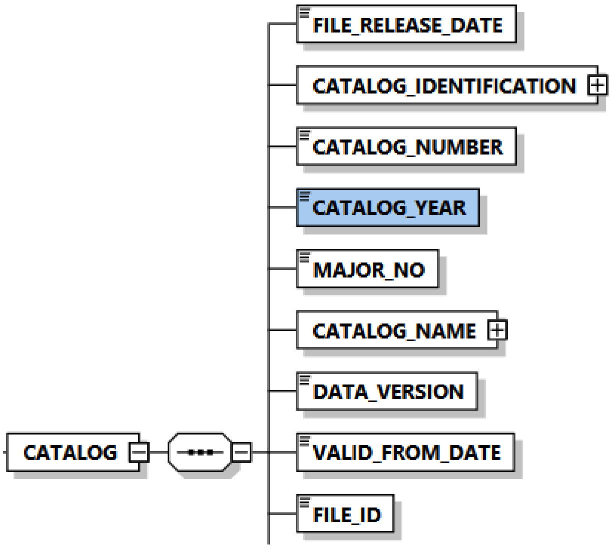
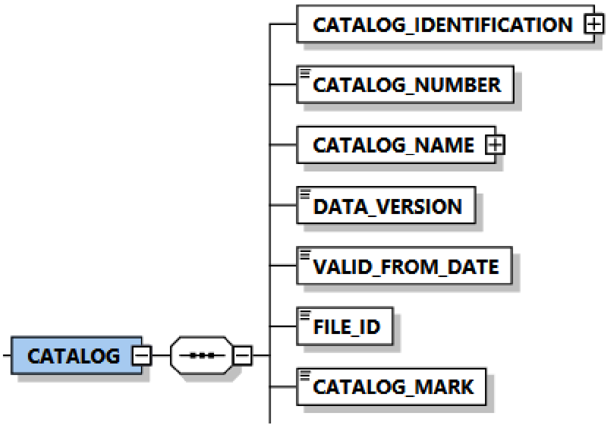
The manufacturer must enter a unique ID (e.g. GUID) that unequivocally identifies the catalogue here.

A manufacturer catalogue must always have the same ID for the same dealership.



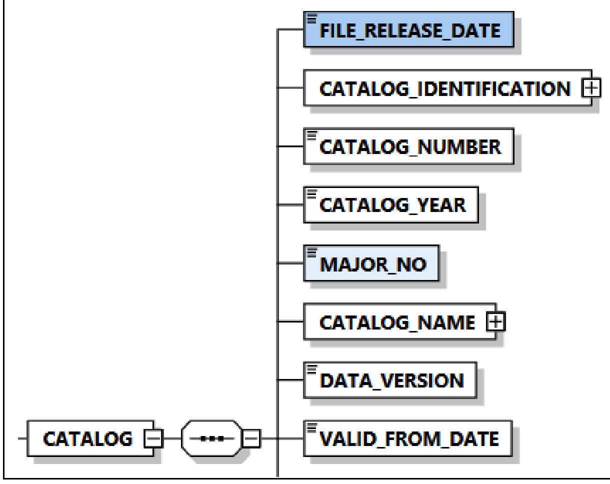
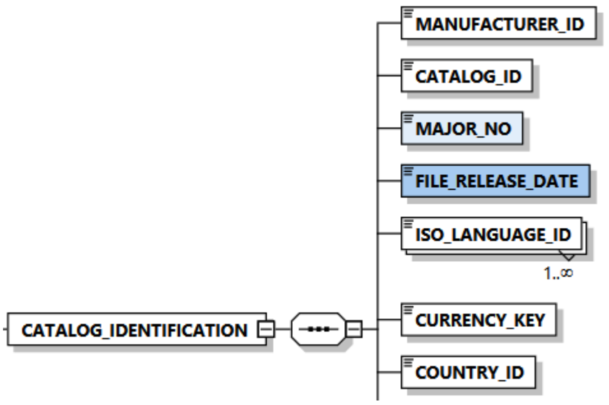
```
<xs:element name="CATALOG_ID">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="64"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

1.2. R CATALOG_YEAR under CATALOG is deleted Decision : 2021-09-29

2.8.1	3.0.1
 FILE_RELEASE_DATE CATALOG_IDENTIFICATION CATALOG_NUMBER CATALOG_YEAR MAJOR_NO CATALOG_NAME DATA_VERSION CATALOG VALID_FROM_DATE FILE_ID	 CATALOG_IDENTIFICATION CATALOG_NUMBER CATALOG_NAME DATA_VERSION VALID_FROM_DATE FILE_ID CATALOG CATALOG_MARK

The element CATALOG_YEAR under CATALOG is deleted. It is replaced by the element MAJOR_NO under CATALOG_IDENTIFICATION.

1.3. C Move MAJOR_NO and FILE_RELEASE_DATE to CATALOG_IDENTIFICATION Decision : 2021-09-29

2.8.1	3.0.1
	

CATALOG
FILE_RELEASE_DATE
CATALOG_IDENTIFICATION
CATALOG_NUMBER
CATALOG_YEAR
MAJOR_NO
CATALOG_NAME
DATA_VERSION
VALID_FROM_DATE

CATALOG_IDENTIFICATION
MANUFACTURER_ID
CATALOG_ID
MAJOR_NO
FILE_RELEASE_DATE
ISO_LANGUAGE_ID
1..∞
CURRENCY_KEY
COUNTRY_ID

The elements MAJOR_NO and FILE_RELEASE_DATE version the catalogue uniquely together with the new element MINOR_NO.

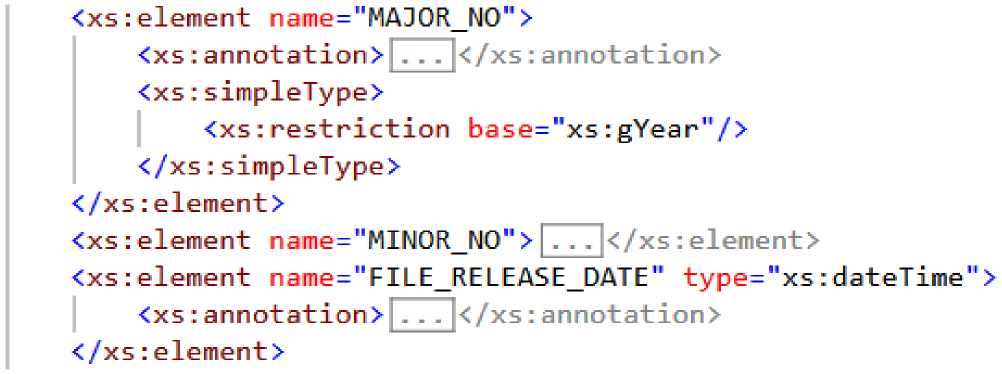
The FILE_RELEASE_DATE remains unchanged.

MAJOR_NO:

The existing element MAJOR_NO is changed in its function. It now indicates the year of entry of the main catalogue.

Description in the documentation:

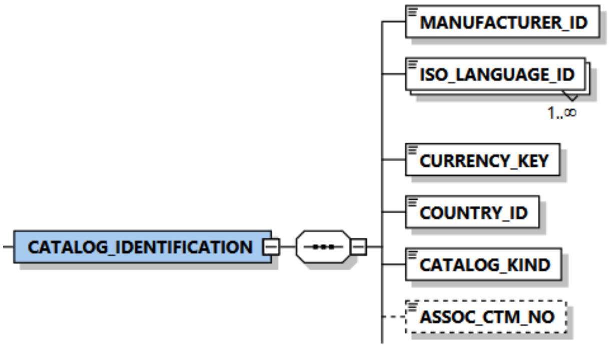
The catalogue version number MAJOR_NO indicates the year in which the main catalogue was created. The complete specification of the catalogue version in which a dataset is delivered consists of MAJOR and MINOR.



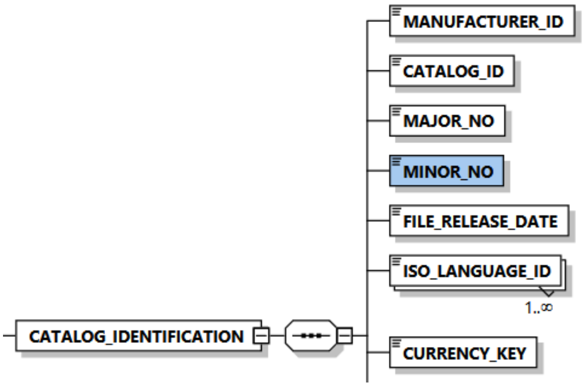
```
<xs:element name="MAJOR_NO">
    <xs:annotation> ... </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:gYear"/>
    </xs:simpleType>
</xs:element>
<xs:element name="MINOR_NO"> ... </xs:element>
<xs:element name="FILE_RELEASE_DATE" type="xs:dateTime">
    <xs:annotation> ... </xs:annotation>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

1.4. A New element MINOR_NO under CATALOG_IDENTIFICATION Decision : 2021-09-29

2.8.1


CATALOG_IDENTIFICATION
MANUFACTURER_ID
ISO_LANGUAGE_ID
1..∞
CURRENCY_KEY
COUNTRY_ID
CATALOG_KIND
ASSOC_CTM_NO

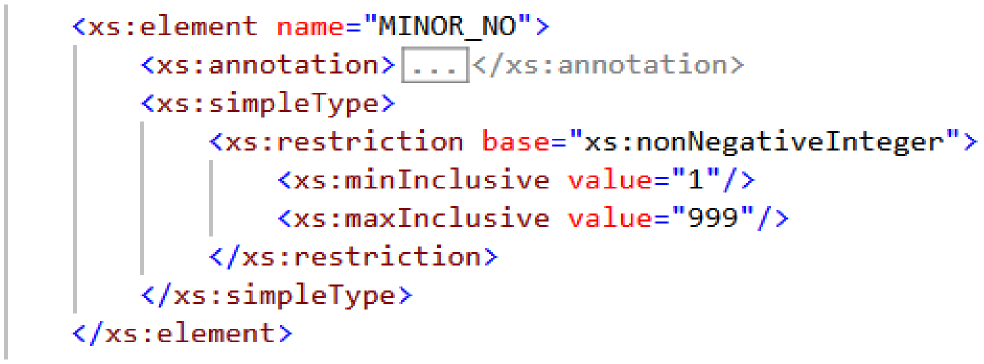
3.0.1


CATALOG_IDENTIFICATION
MANUFACTURER_ID
CATALOG_ID
MAJOR_NO
MINOR_NO
FILE_RELEASE_DATE
ISO_LANGUAGE_ID
1..∞
CURRENCY_KEY

The element MINOR_NO is a mandatory field and contains consecutive numbers as a sub-version number to each MAJOR_NO.

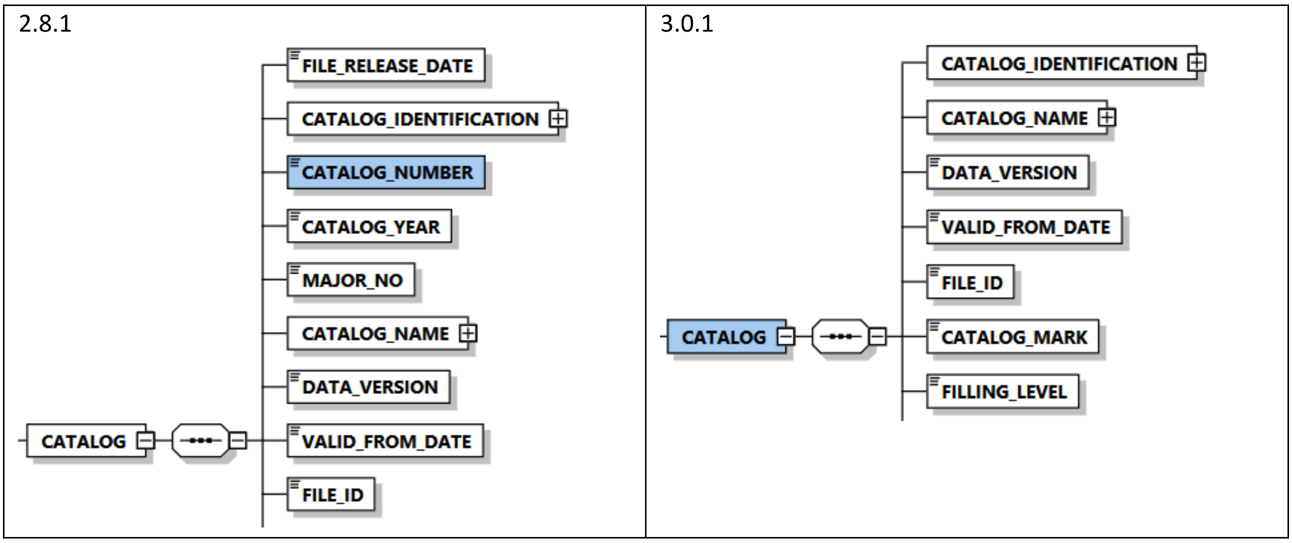
Description in the documentation:

The sub-catalog version number MINOR_NO is given in consecutive numbers during the year or during the period of validity of the main catalog. The complete specification of the catalog version in which a dataset is delivered consists of MAJOR and MINOR. If the catalog version MAJOR is changed, the sub-catalog version is reset to 0.



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

1.5. R CATALOG_NUMBER below CATALOG is deleted Decision : 2021-09-29

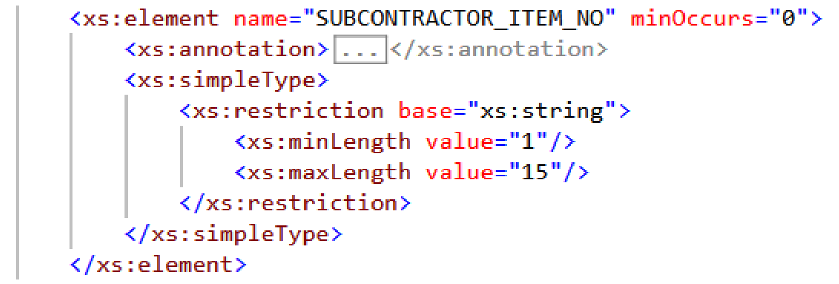

2.8.1
FILE_RELEASE_DATE
CATALOG_IDENTIFICATION
CATALOG_NUMBER
CATALOG_YEAR
MAJOR_NO
CATALOG_NAME
DATA_VERSION
CATALOG
VALID_FROM_DATE
FILE_ID
3.0.1
CATALOG_IDENTIFICATION
CATALOG_NAME
DATA_VERSION
VALID_FROM_DATE
FILE_ID
CATALOG
CATALOG_MARK
FILLING_LEVEL

The element CATALOG_NUMBER under CATALOG is deleted.

2. Longer item numbers

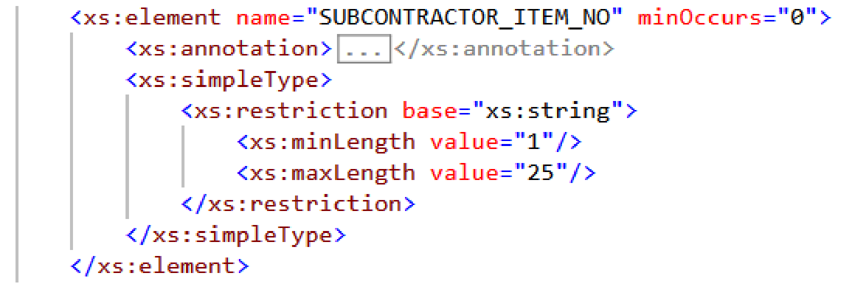
2.1. C SUBCONTRACTOR_ITEM_NO increased to 25 digits Decision : 2021-09-29

2.8.1



```
<xs:element name="SUBCONTRACTOR_ITEM_NO" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="15"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

3.0.1



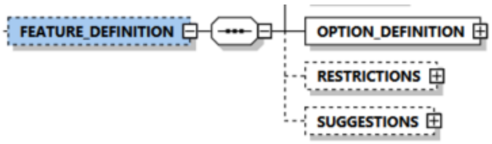
```
<xs:element name="SUBCONTRACTOR_ITEM_NO" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="25"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

The SUBCONTRACTOR_ITEM_NO element can now be filled with 25 characters.

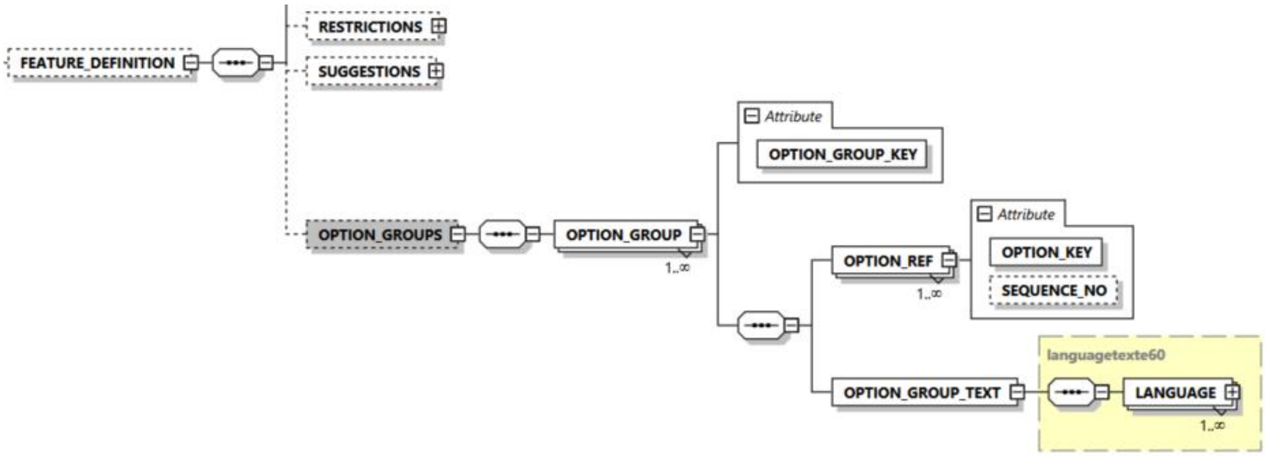
3. Extended possibilities in restrictions

3.1. A New element OPTION_GROUPS with sub-elements Decision : 2023-March

2.8.1


FEATURE_DEFINITION
OPTION_DEFINITION
RESTRICTIONS
SUGGESTIONS

3.0.1


RESTRICTIONS
FEATURE_DEFINITION
SUGGESTIONS
Attribute
OPTION_GROUP_KEY
Attribute
OPTION_GROUPS
OPTION_GROUP
1..∞
OPTION_REF
1..∞
OPTION_KEY
SEQUENCE_NO
languagetexte60
OPTION_GROUP_TEXT
LANGUAGE
1..∞

Under OPTION_GROUPS it is possible to group variants independently of a variant type. These can be referenced in the RESTRICTIONS and SUGGESTIONS.

OPTION_GROUPS:

The optional element OPTION_GROUPS is a complex type.

Description in the documentation:

This element is used to group sets of several options. They can be referenced in the rules below FEATURE_1_NO to FEATURE_5_NO in the RESTRICTIONS and SUGGESTIONS. These options are to be considered as an independent pool and have no connection to a feature.

OPTION_GROUP:

The element OPTION_GROUP is a complex type and can be created as often as desired.

Description in the documentation:

This element is used to define a option group.

It can be referenced in the exams below FEATURE_1_NO to FEATURE_5_NO in the RESTRICTIONS and SUGGESTIONS. These variants are to be considered as an independent pool and have no connection to a feature.

OPTION_GROUP_KEY:

The attribute OPTION_GROUP_KEY is of type string, limited to 30 characters and mandatory.

Description in the documentation:

This attribute is used to identify an option group.

OPTION_REF:

The element OPTION is a complex type and can be created as often as desired.

Description in the documentation:

This element is used to reference an option.

OPTION_KEY:

The attribute OPTION_GROUP_KEY is of the type string, has a maximum of 30 characters and is mandatory.

Description in the documentation:

This attribute is used to reference an option.

SEQUENCE_NO:

The attribute SEQUENCE_NO is of the type NonNegativeInteger and is optional.

Description in the documentation:

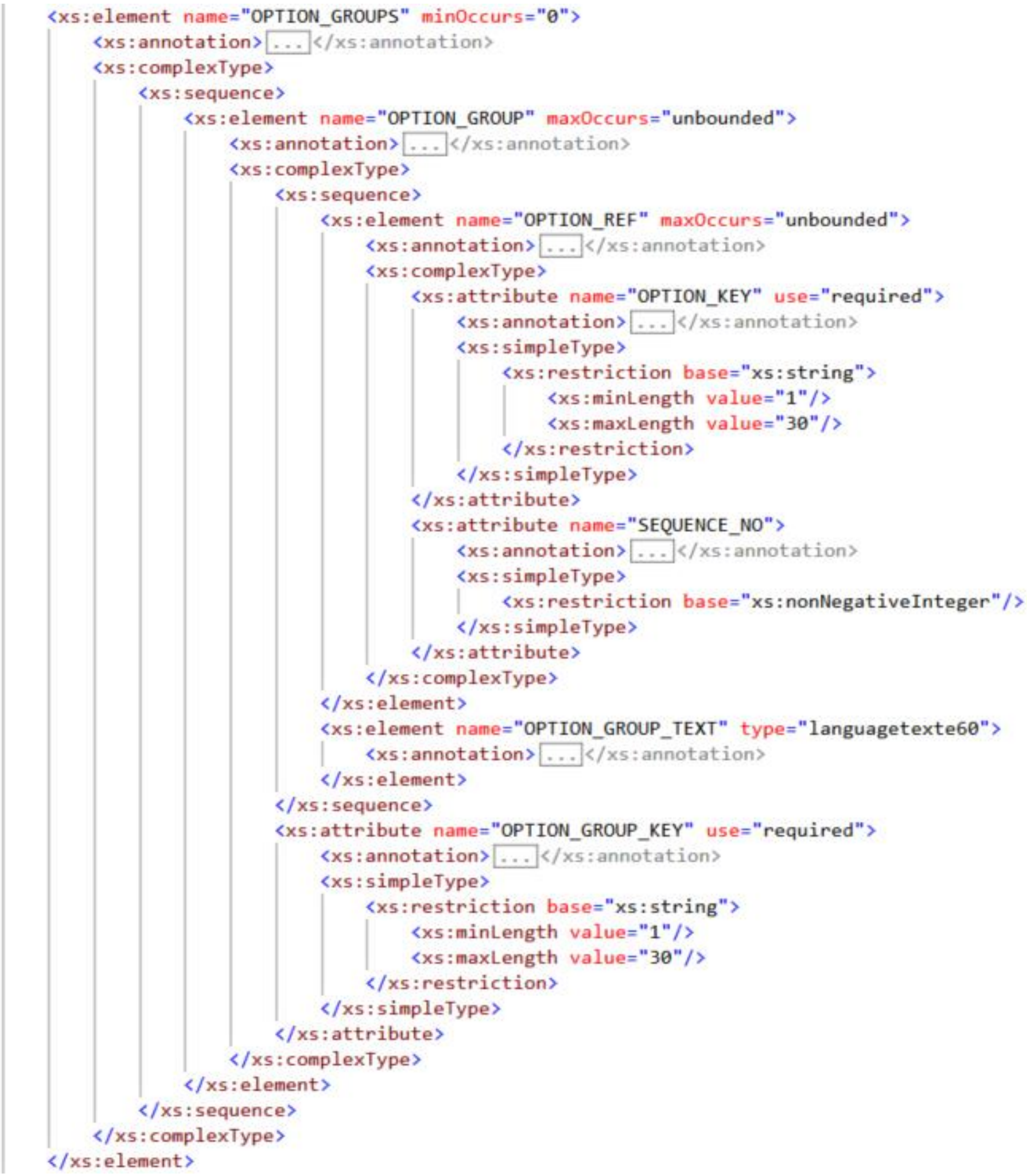
This attribute defines the order of the options in an option group.

OPTION_GROUP_TEXT:

The element OPTION_GROUP_TEXT IS OF type languagetext60.

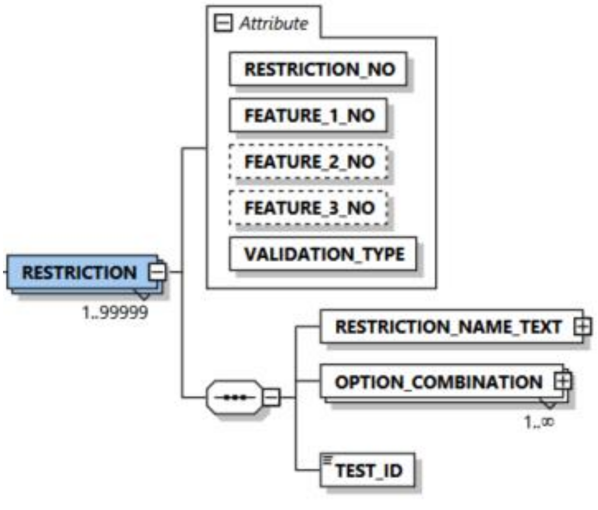
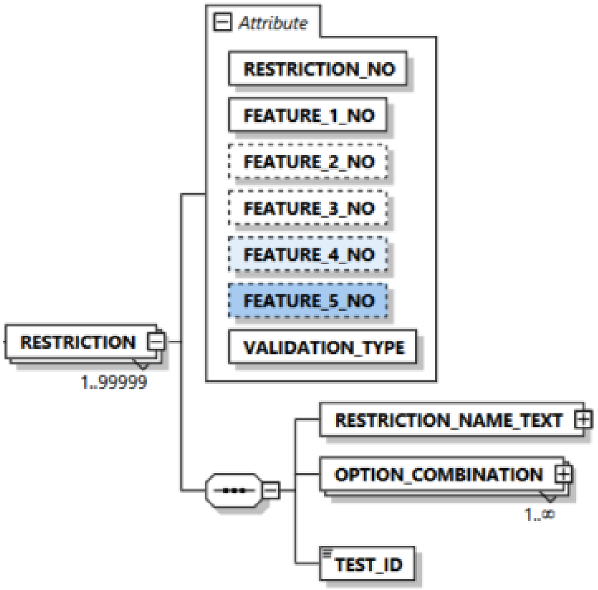
Description in the documentation:

This element contains texts for option groups.



```
<xs:element name="OPTION_GROUPS" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="OPTION_GROUP" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="OPTION_REF" maxOccurs="unbounded">
                            <xs:annotation>...</xs:annotation>
                            <xs:complexType>
                                <xs:attribute name="OPTION_KEY" 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="SEQUENCE_NO">
                                    <xs:annotation>...</xs:annotation>
                                    <xs:simpleType>
                                        <xs:restriction base="xs:nonNegativeInteger"/>
                                    </xs:simpleType>
                                </xs:attribute>
                            </xs:complexType>
                        </xs:element>
                        <xs:element name="OPTION_GROUP_TEXT" type="languagetexte60">
                            <xs:annotation>...</xs:annotation>
                        </xs:element>
                    </xs:sequence>
                    <xs:attribute name="OPTION_GROUP_KEY" 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:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

3.2. A New attributes FEATURE_4_NO and FEATURE_5_NO Decision : 2022-03-22

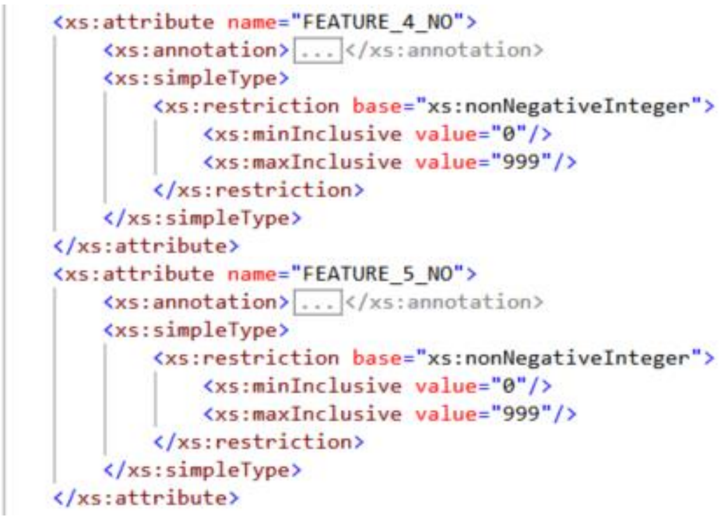
2.8.1	3.0.1
 Attribute RESTRICTION_NO FEATURE_1_NO FEATURE_2_NO FEATURE_3_NO VALIDATION_TYPE RESTRICTION 1..99999 RESTRICTION_NAME_TEXT OPTION_COMBINATION 1..∞ TEST_ID	 Attribute RESTRICTION_NO FEATURE_1_NO FEATURE_2_NO FEATURE_3_NO FEATURE_4_NO FEATURE_5_NO VALIDATION_TYPE RESTRICTION 1..99999 RESTRICTION_NAME_TEXT OPTION_COMBINATION 1..∞ TEST_ID

Since restrictions may now have 5 levels, the two attributes FEATURE_4_NO and FEATURE_5_NO are added below RESTRICTION. Both are optional and of the type NonNegativeInteger.

Description in the documentation:

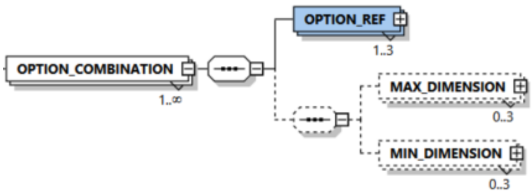
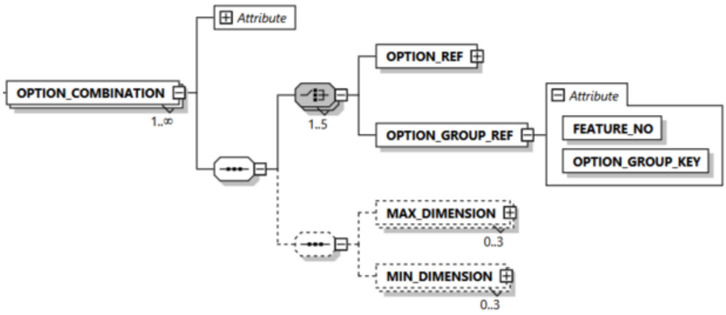
The attributes FEATURE_1_NO to FEATURE_5_NO define the different features which are used in the restrictions. The attributes also define the sequence of the features in the restrictions.

In addition, it is possible to check that the features do not change within a restriction.



```
<xs:attribute name="FEATURE_4_NO">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:nonNegativeInteger">
            <xs:minInclusive value="0"/>
            <xs:maxInclusive value="999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
<xs:attribute name="FEATURE_5_NO">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:nonNegativeInteger">
            <xs:minInclusive value="0"/>
            <xs:maxInclusive value="999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

3.3. A New element OPTION_GROUP_REF under OPTION_COMBINATION below RESTRICTION Decision : 2023-March

2.8.1	3.0.1
 OPTION_REF 1..3 OPTION_COMBINATION 1..∞ MAX_DIMENSION 0..3 MIN_DIMENSION 0..3	 Attribute OPTION_REF OPTION_COMBINATION 1..∞ 1..5 OPTION_GROUP_REF Attribute FEATURE_NO OPTION_GROUP_KEY MAX_DIMENSION 0..3 MIN_DIMENSION 0..3

Due to the new possibilities of OPTION_GROUPS, it must also be possible to reference them in the OPTION_COMBINATION under RESTRICTIONS. For this purpose, a choice has now been built in which allows a selection between an OPTION_REF or an OPTION_GROUP_REF. Due to the now up to 5-level restriction, the value max Occurs in the Choice is set to 5. The OPTION_REF or the OPTION_GROUP_REF behind it is thus only possible once.

OPTION_GROUP_REF:

The element OPTION_GROUP_REF is a complex type.

Description in the documentation:

In this element, option groups are referenced that are applied in a restriction.

FEATURE_NO:

The attribute FEATURE_NO is of the type nonNegativeInteger and must be specified.

Description in the documentation:

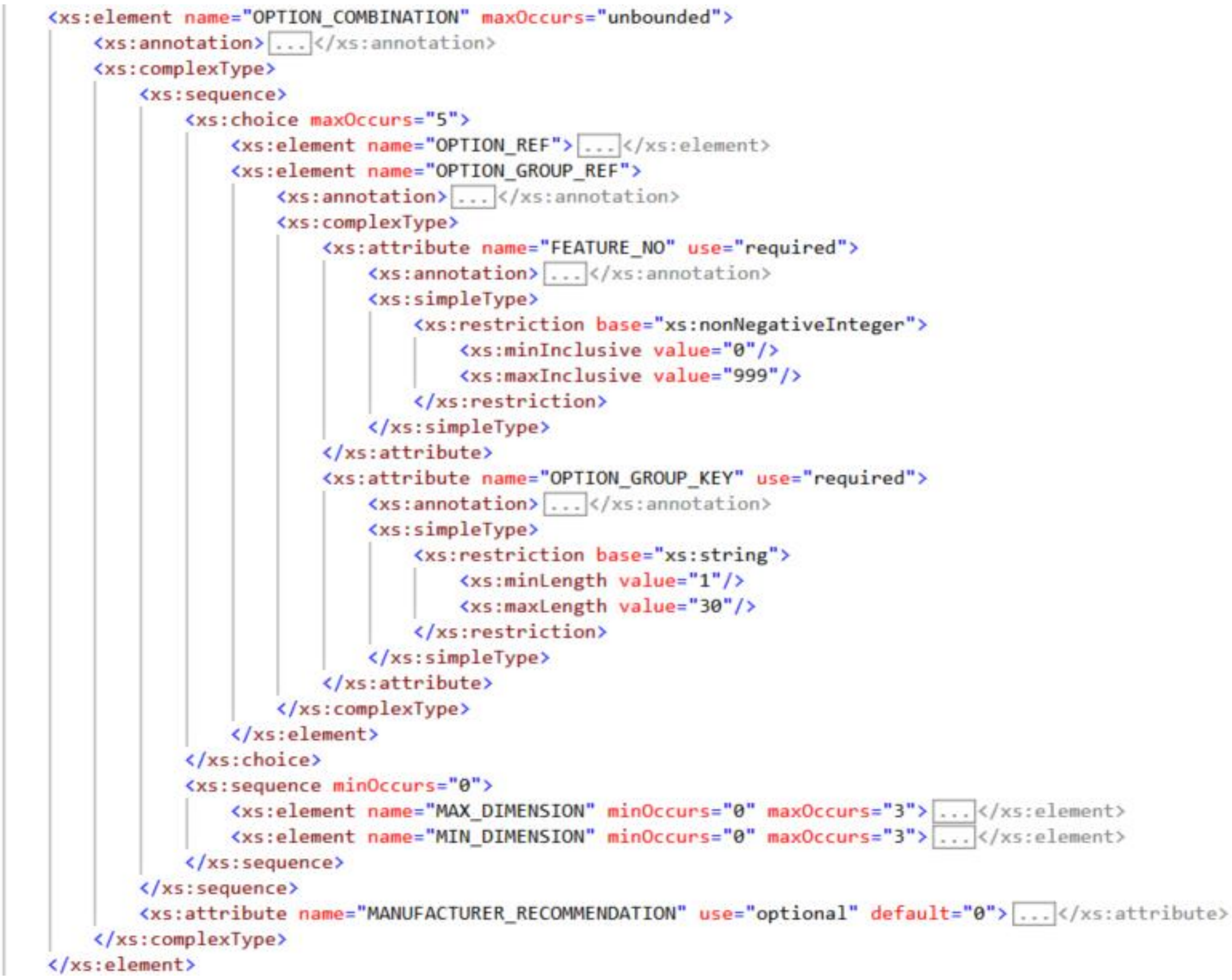
This attribute is used for referencing a feature.

OPTION_GROUP_KEY:

The attribute OPTION_GROUP_KEY is of type string, limited to 30 characters and mandatory.

Description in the documentation:

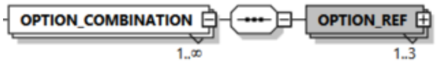
This attribute is used to reference an option group.



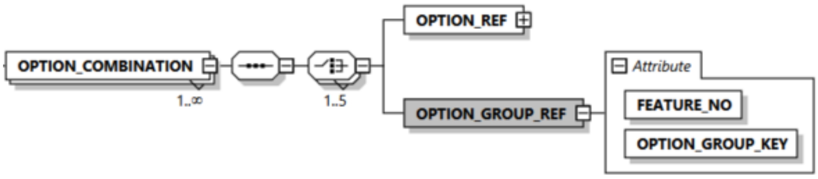
```
<xs:element name="OPTION_COMBINATION" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:choice maxOccurs="5">
                <xs:element name="OPTION_REF">...</xs:element>
                <xs:element name="OPTION_GROUP_REF">
                    <xs:annotation>...</xs:annotation>
                    <xs:complexType>
                        <xs:attribute name="FEATURE_NO" use="required">
                            <xs:annotation>...</xs:annotation>
                            <xs:simpleType>
                                <xs:restriction base="xs:nonNegativeInteger">
                                    <xs:minInclusive value="0"/>
                                    <xs:maxInclusive value="999"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:attribute>
                        <xs:attribute name="OPTION_GROUP_KEY" 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:complexType>
                </xs:element>
            </xs:choice>
            <xs:sequence minOccurs="0">
                <xs:element name="MAX_DIMENSION" minOccurs="0" maxOccurs="3">...</xs:element>
                <xs:element name="MIN_DIMENSION" minOccurs="0" maxOccurs="3">...</xs:element>
            </xs:sequence>
        </xs:sequence>
        <xs:attribute name="MANUFACTURER_RECOMMENDATION" use="optional" default="0">...</xs:attribute>
    </xs:complexType>
</xs:element>
```

3.4. A New element OPTION_GROUP_REF under OPTION_COMBINATION below SUGGESTION Decision : 2023-March

2.8.1



3.0.1



Due to the new possibilities of OPTION_GROUPS, it must also be possible to reference them in the OPTION_COMBINATION under SUGGESTIONS. For this purpose, a choice has now been built in, which allows a selection between an OPTION_REF or an OPTION_GROUP_REF. Due to the now up to 5-level check, the value max Occurs in the Choice is set to 5. The OPTION_REF or the OPTION_GROUP_REF behind it is thus only possible once.

OPTION_GROUP_REF:

The element OPTION_GROUP_REF is a complex type.

Description in the documentation:

In this element, option groups are referenced that are applied in a suggestion.

FEATURE_NO:

The attribute FEATURE_NO is of the type nonNegativeInteger and must be specified.

Description in the documentation:

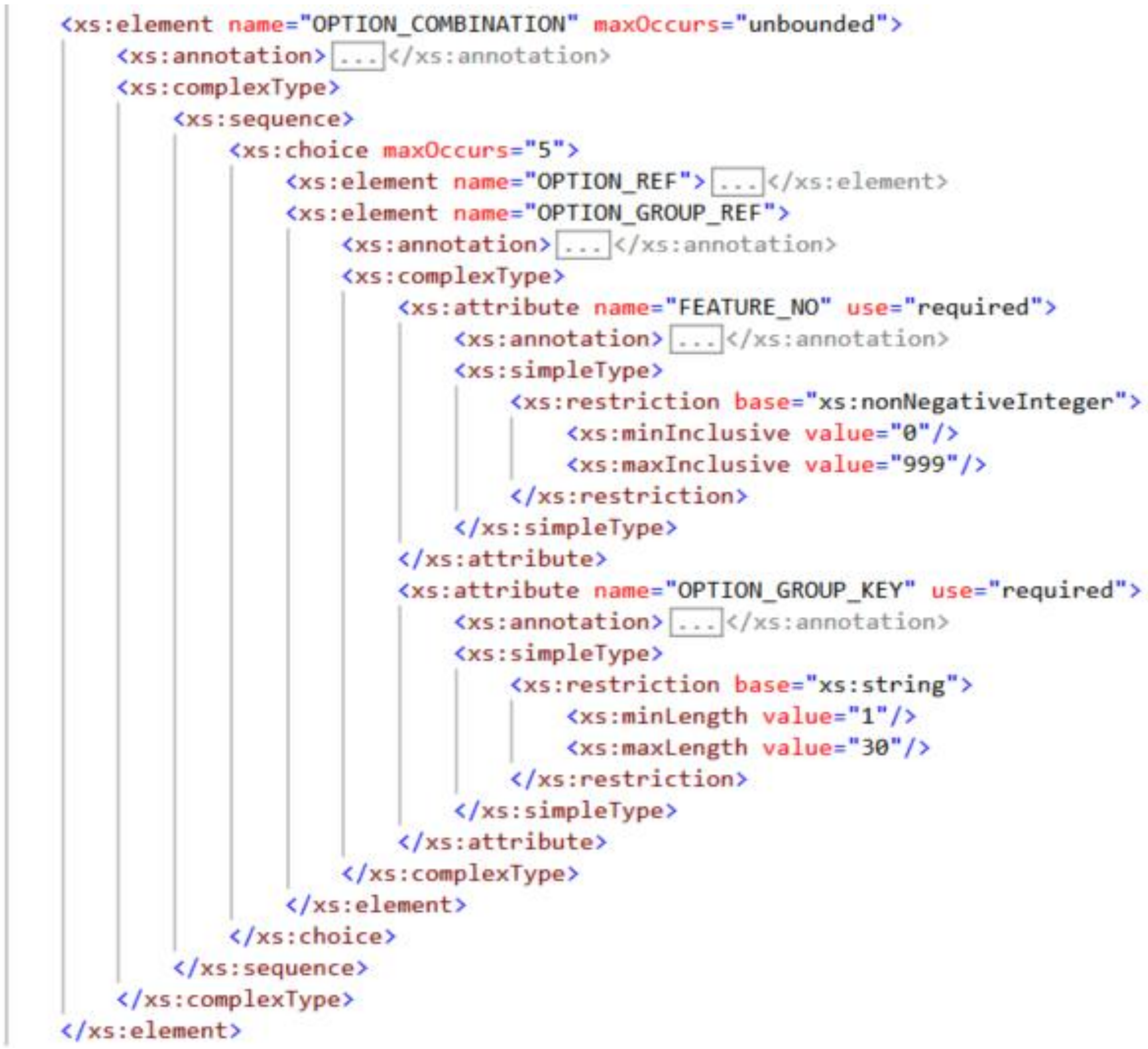
This attribute is used for referencing a feature.

OPTION_GROUP_KEY:

The attribute OPTION_GROUP_KEY is of type string, limited to 30 characters and mandatory.

Description in the documentation:

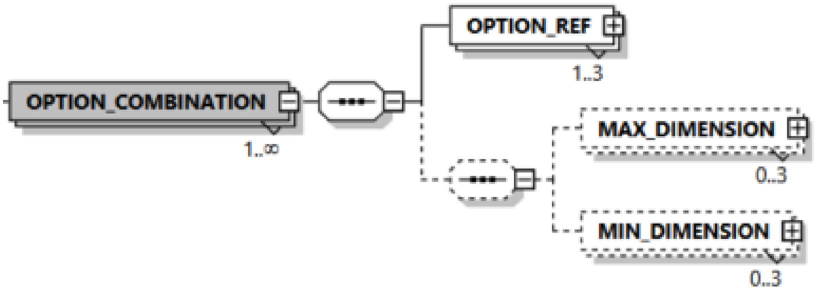
This attribute is used to reference an option group.



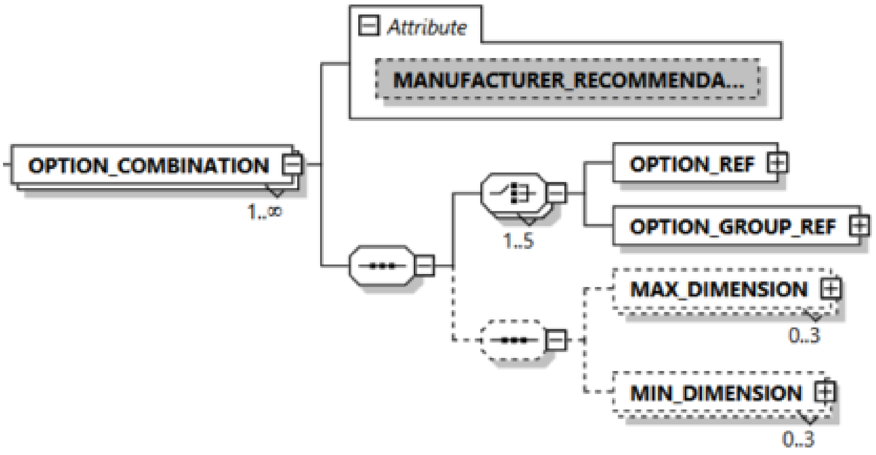
```
<xs:element name="OPTION_COMBINATION" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:choice maxOccurs="5">
                <xs:element name="OPTION_REF">...</xs:element>
                <xs:element name="OPTION_GROUP_REF">
                    <xs:annotation>...</xs:annotation>
                    <xs:complexType>
                        <xs:attribute name="FEATURE_NO" use="required">
                            <xs:annotation>...</xs:annotation>
                            <xs:simpleType>
                                <xs:restriction base="xs:nonNegativeInteger">
                                    <xs:minInclusive value="0"/>
                                    <xs:maxInclusive value="999"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:attribute>
                        <xs:attribute name="OPTION_GROUP_KEY" 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:complexType>
                </xs:element>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

3.5. A New attribute MANUFACTURER_RECOMMANDATION Decision : 2022-03-22

2.8.1


OPTION_COMBINATION
1..∞
OPTION_REF
1..3
MAX_DIMENSION
0..3
MIN_DIMENSION
0..3

3.0.1


Attribute
MANUFACTURER_RECOMMENDA...
OPTION_COMBINATION
1..∞
1..5
OPTION_REF
OPTION_GROUP_REF
MAX_DIMENSION
0..3
MIN_DIMENSION
0..3

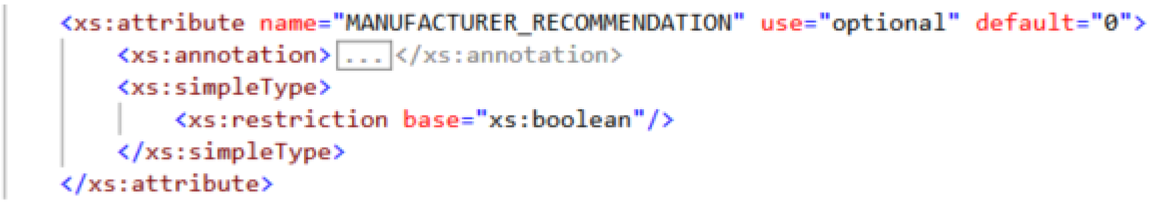
The new optional attribute MANUFACTURER_RECOMMENDATION under OPTION_COMBINATION below RESTRICTION is of the data type Boolean and marks a combination as a manufacturer recommendation.

Description in the documentation:

The attribute identifies an option combination as a recommendation of the manufacturer. It may only be set to 1 in permissive tests.

0 = no manufacturer recommendation

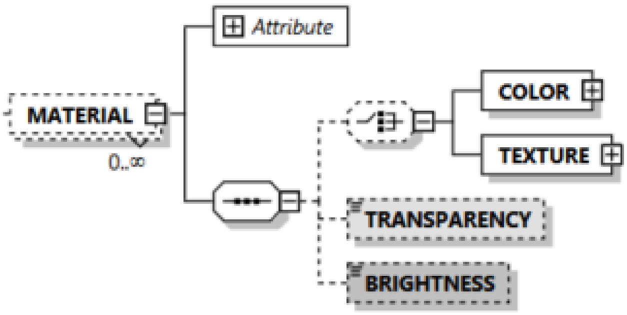
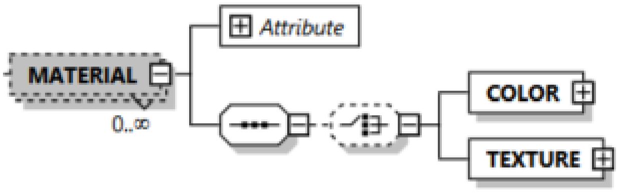
1 = Manufacturer recommendation



```
<xs:attribute name="MANUFACTURER_RECOMMENDATION" use="optional" default="0">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:boolean"/>
    </xs:simpleType>
</xs:attribute>
```

4. Deleting material labels

4.1. C TRANSPARENCY and BRIGHTNESS are deleted Decision : 2022-06-28

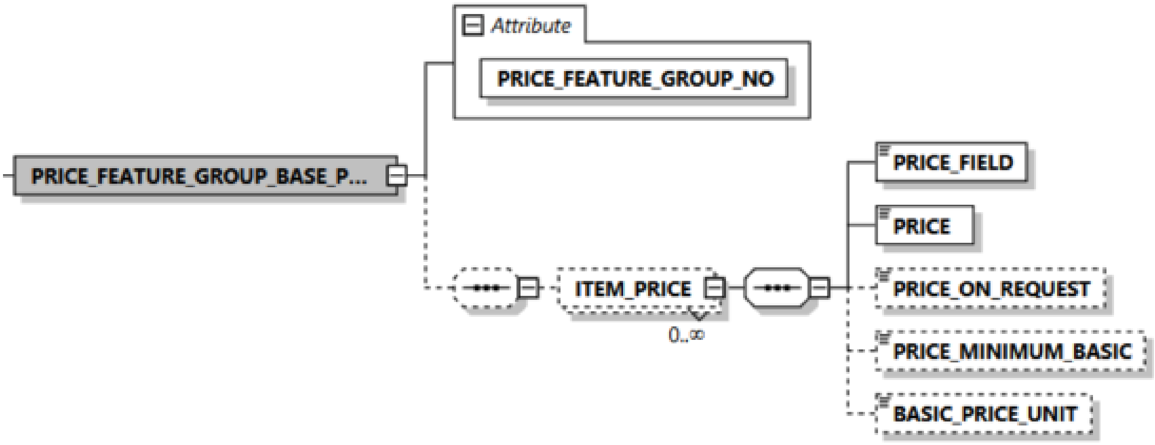
2.8.1	3.0.1
 Attribute MATERIAL 0..∞ COLOR TEXTURE TRANSPARENCY BRIGHTNESS	 Attribute MATERIAL 0..∞ COLOR TEXTURE

Since the values of the two elements TRANSPARENCY and BRIGHTNESS from the IDM data are not used, they are deleted.

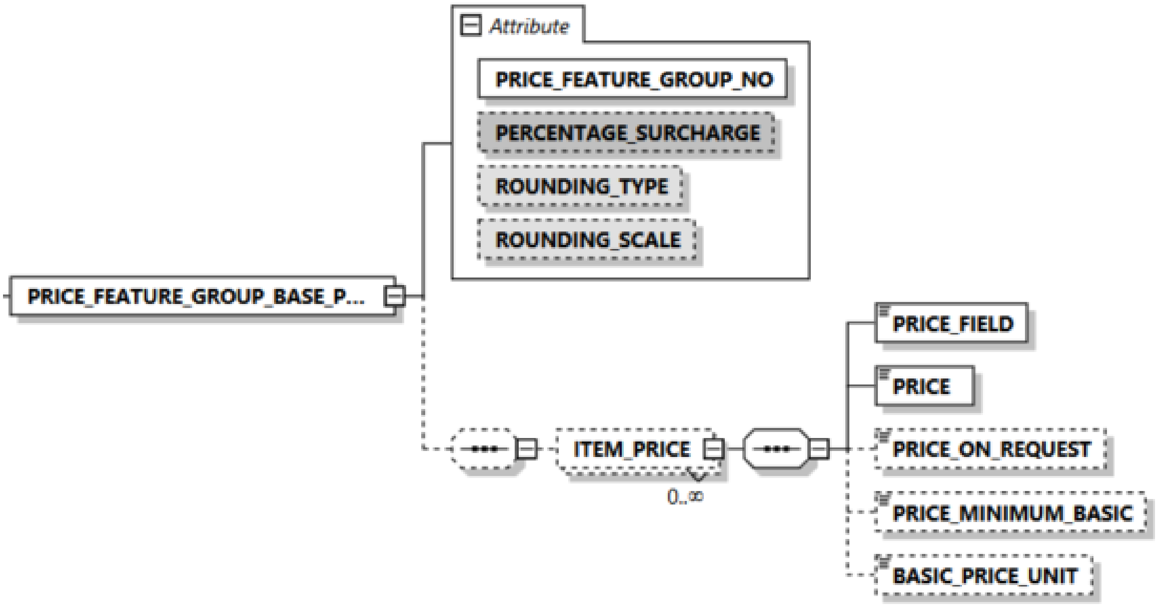
5. Percentage additional prices

5.1. C New attributes under PRICE_FEATURE_GROUP_BASE_PRICE_REF Decision : 2023-March

2.8.1


Attribute
PRICE_FEATURE_GROUP_NO
PRICE_FEATURE_GROUP_BASE_P...
ITEM_PRICE
0..∞
PRICE_FIELD
PRICE
PRICE_ON_REQUEST
PRICE_MINIMUM_BASIC
BASIC_PRICE_UNIT

3.0.1


Attribute
PRICE_FEATURE_GROUP_NO
PERCENTAGE_SURCHARGE
ROUNDING_TYPE
ROUNDING_SCALE
PRICE_FEATURE_GROUP_BASE_P...
ITEM_PRICE
0..∞
PRICE_FIELD
PRICE
PRICE_ON_REQUEST
PRICE_MINIMUM_BASIC
BASIC_PRICE_UNIT

The new attributes PERCENTAGE_SURCHARGE, ROUNDING_TYPE and ROUNDING_SCALE control whether the PRICE element below represents a fixed surcharge or a percentage surcharge and how the result should be rounded in the case of a percentage surcharge.

PERCENTAGE_SURCHARGE:

The PERCENTAGE_SURCHARGE attribute under the PRICE_FEATURE_GROUP_BASE_PRICE_REF is of type Boolean and optional.

Description in the documentation:

This element indicates whether the value stored in PRICE (PATH 1) represents a fixed surcharge or a percentage surcharge. The value 0 is the default value.

0 = the value specified under PRICE (PATH 1) corresponds to a fixed, value-based surcharge

1 = the value specified under PRICE (PATH 1) corresponds to a percentage surcharge based on the base price.

Path1:SERIES/SERIE/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/PRICE_FEATURE_GROUP_BASE_PRICE_REF/ITEM_PRICE

ROUNDING_TYPE:

The optional ROUNDING_TYPE attribute under the PRICE_FEATURE_GROUP_REF is of type positiveInteger and can contain values from 1 to 3.

Description in the documentation:

This element specifies the type of rounding for the price calculated by percentage surcharge:

1 = Round up

2 = rounding down

3 = commercial rounding

The value 3 is the default value.

ROUNDING_SCALE:

The optional ROUNDING_SCALE attribute under the PRICE_FEATURE_GROUP_REF is of type integer and can contain values from -3 to 2.

Description in the documentation:

This element specifies to how many digits the price calculated by percentage surcharge should be rounded:

-3 = Round to 1000s

-2 = Round to 100s

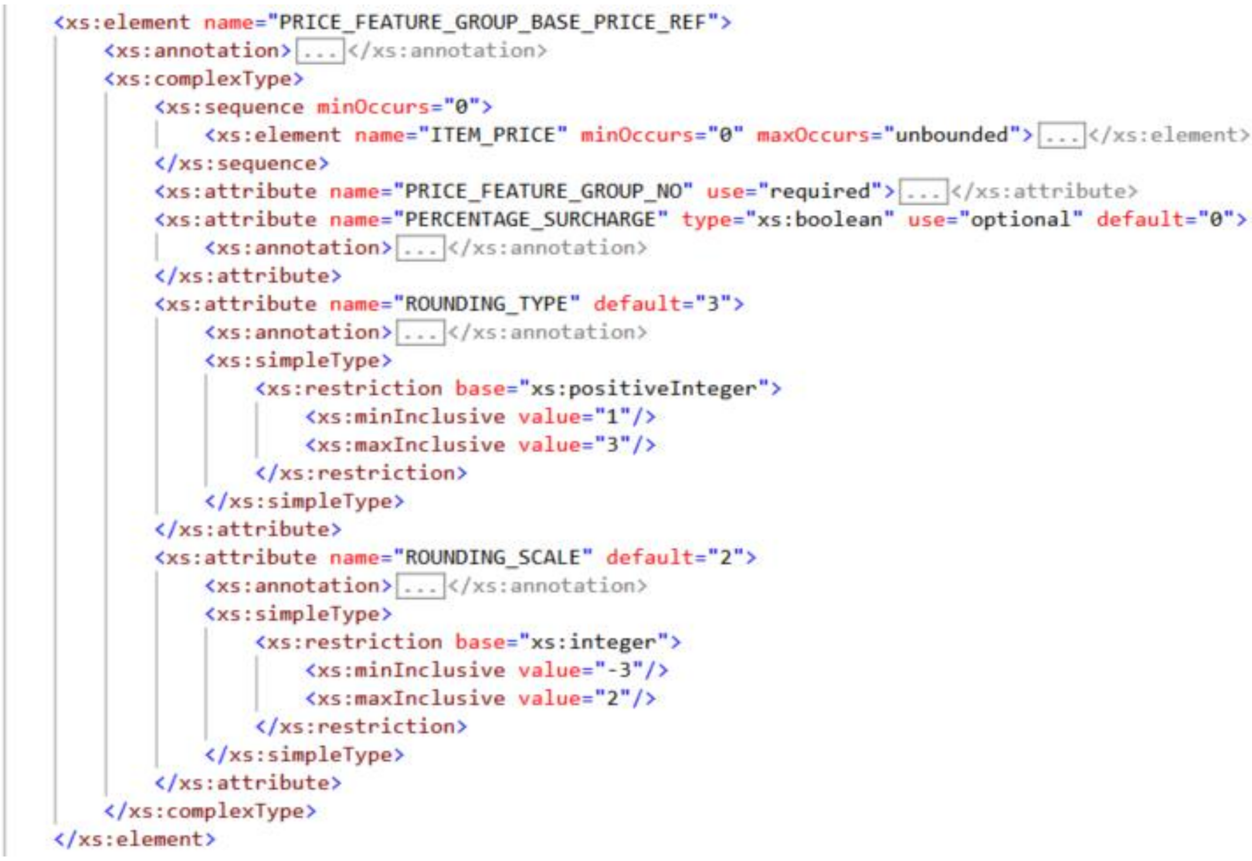
-1 = Round to 10s

0 = Round to 1s

1 = Rounding to 1 decimal place

2 = Rounds to 2 decimal places

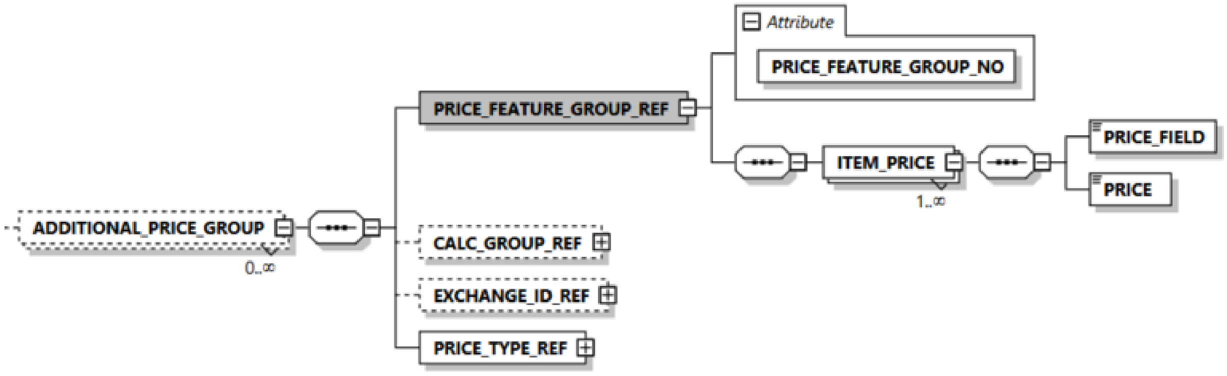
The value 2 is the default value.



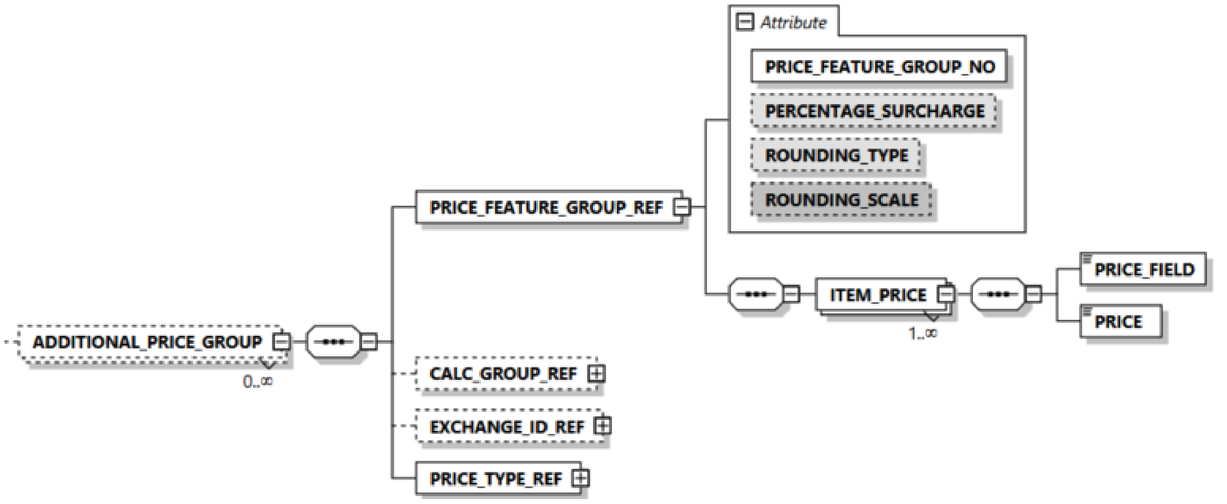
```
<xs:element name="PRICE_FEATURE_GROUP_BASE_PRICE_REF">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence minOccurs="0">
            <xs:element name="ITEM_PRICE" minOccurs="0" maxOccurs="unbounded">...</xs:element>
        </xs:sequence>
        <xs:attribute name="PRICE_FEATURE_GROUP_NO" use="required">...</xs:attribute>
        <xs:attribute name="PERCENTAGE_SURCHARGE" type="xs:boolean" use="optional" default="0">
            <xs:annotation>...</xs:annotation>
        </xs:attribute>
        <xs:attribute name="ROUNDING_TYPE" default="3">
            <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" default="2">
            <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:complexType>
</xs:element>
```

5.2. C New attributes under PRICE_FEATURE_GROUP_REF below ADDITIONAL_PRICE_GROUP Decision : 2022-03-22

2.8.1


Attribute
PRICE_FEATURE_GROUP_NO
PRICE_FEATURE_GROUP_REF
ITEM_PRICE
1..∞
PRICE_FIELD
PRICE
ADDITIONAL_PRICE_GROUP
0..∞
CALC_GROUP_REF
EXCHANGE_ID_REF
PRICE_TYPE_REF

3.0.1


Attribute
PRICE_FEATURE_GROUP_NO
PERCENTAGE_SURCHARGE
ROUNDING_TYPE
ROUNDING_SCALE
PRICE_FEATURE_GROUP_REF
ITEM_PRICE
1..∞
PRICE_FIELD
PRICE
ADDITIONAL_PRICE_GROUP
0..∞
CALC_GROUP_REF
EXCHANGE_ID_REF
PRICE_TYPE_REF

The new attributes PERCENTAGE_SURCHARGE, ROUNDING_TYPE and ROUNDING_SCALE control whether the PRICE element below represents a fixed surcharge or a percentage surcharge and how the result should be rounded in the case of a percentage surcharge.

PERCENTAGE_SURCHARGE:

The PERCENTAGE_SURCHARGE attribute under the PRICE_FEATURE_GROUP_REF is of type Boolean and optional.

Description in the documentation:

This element indicates whether the value stored in PRICE (PATH 1) represents a fixed surcharge or a percentage surcharge. The value 0 is the default value.

0 = the value specified under PRICE (PATH 1) corresponds to a fixed, value-based surcharge

1 = the value specified under PRICE (PATH 1) corresponds to a percentage surcharge based on the base price.

Path1:SERIES/SERIE/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/ADDITIONAL_PRICE_GROUP/PRICE_FEATURE_GROUP_REF

ROUNDING_TYPE:

The optional ROUNDING_TYPE attribute under the PRICE_FEATURE_GROUP_REF is of type positiveInteger and can contain values from 1 to 3.

Description in the documentation:

This element specifies the type of rounding for the price calculated by percentage surcharge:

1 = Round up

2 = rounding down

3 = commercial rounding

The value 3 is the default value.

ROUNDING_SCALE:

The optional ROUNDING_SCALE attribute under the PRICE_FEATURE_GROUP_REF is of type integer and can contain values from -3 to 2.

Description in the documentation:

This element specifies to how many digits the price calculated by percentage surcharge should be rounded:

-3 = Round to 1000s

-2 = Round to 100s

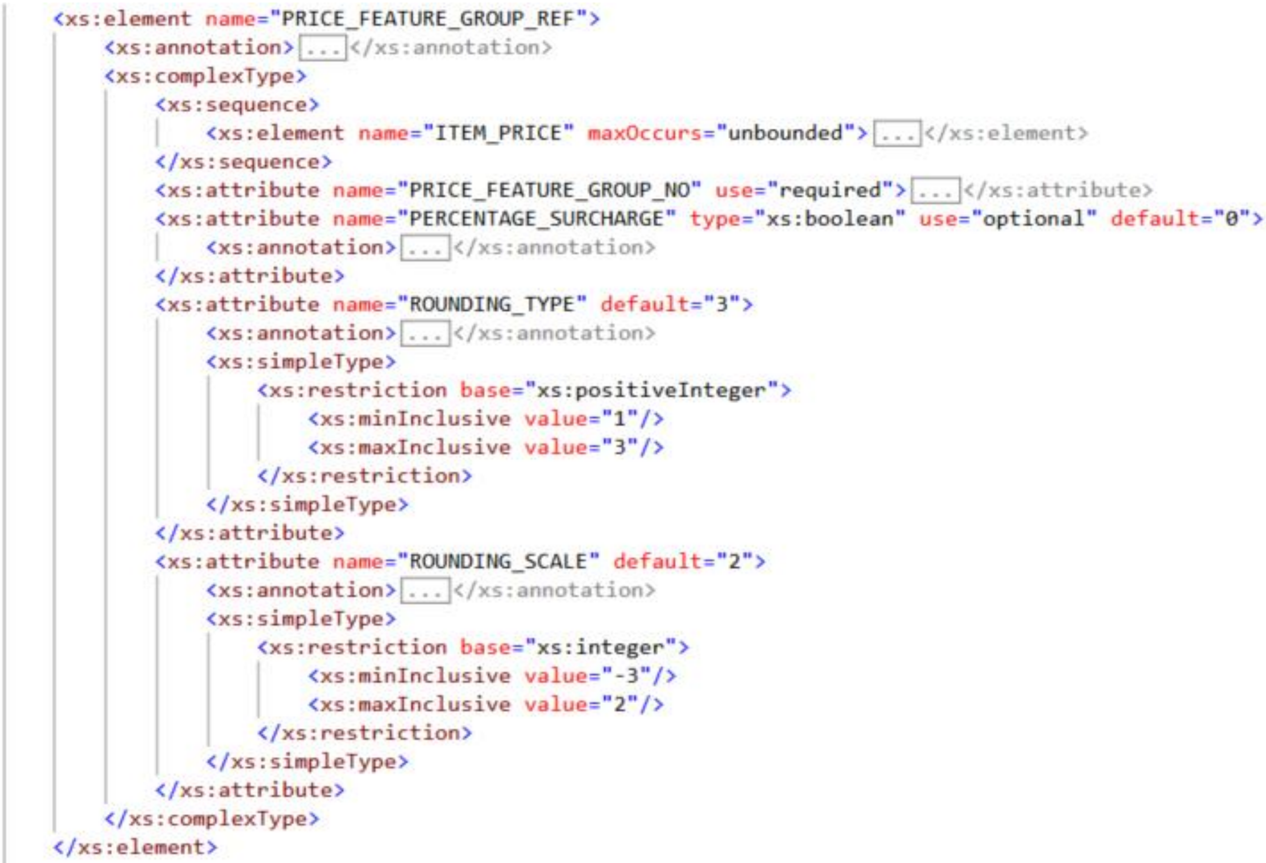
-1 = Round to 10s

0 = Round to 1s

1 = Rounding to 1 decimal place

2 = Rounds to 2 decimal places

The value 2 is the default value.

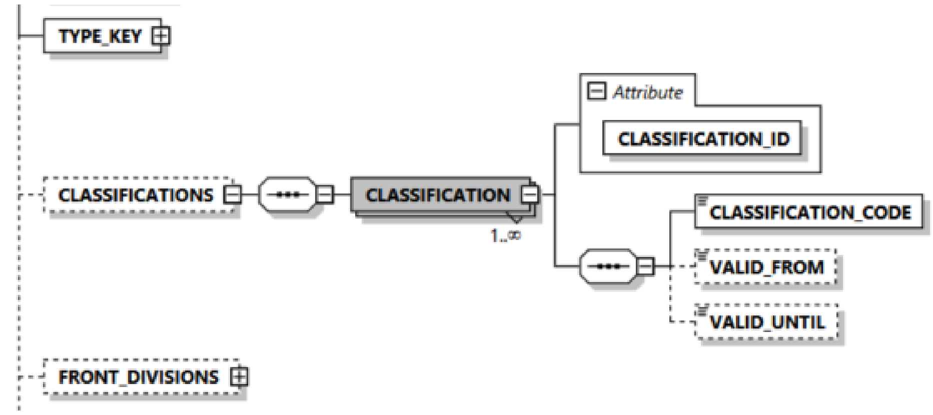


```
<xs:element name="PRICE_FEATURE_GROUP_REF">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ITEM_PRICE" maxOccurs="unbounded">...</xs:element>
        </xs:sequence>
        <xs:attribute name="PRICE_FEATURE_GROUP_NO" use="required">...</xs:attribute>
        <xs:attribute name="PERCENTAGE_SURCHARGE" type="xs:boolean" use="optional" default="0">
            <xs:annotation>...</xs:annotation>
        </xs:attribute>
        <xs:attribute name="ROUNDING_TYPE" default="3">
            <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" default="2">
            <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:complexType>
</xs:element>
```

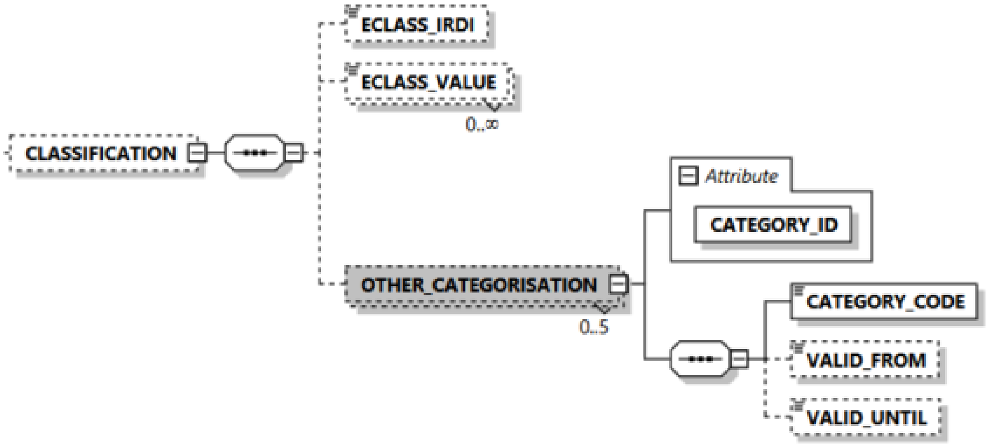
6. Classification according to ECLASS

6.1. R New structure under CLASSIFICATION below ITEM Decision : 2023-March

2.8.1


TYPE_KEY
CLASSIFICATIONS
CLASSIFICATION
1..∞
Attribute
CLASSIFICATION_ID
CLASSIFICATION_CODE
VALID_FROM
VALID_UNTIL
FRONT_DIVISIONS

3.0.1


ECLASS_IRDI
ECLASS_VALUE
0..∞
CLASSIFICATION
Attribute
CATEGORY_ID
OTHER_CATEGORISATION
0..5
CATEGORY_CODE
VALID_FROM
VALID_UNTIL

The previous structure for maintaining classification information of several schemas is replaced by purely ECLASS-related and thus completely new elements. (see 6.4.) The complex type CLASSIFICATIONS is omitted. Under the remaining CLASSIFICATION there is now the complex type OTHER_CATEGORISATION under which further article categorisations for e.g. disposal law topics can be specified in parallel to the ECLASS classification. The structure is similar to the previous classification information.

OTHER_CATEGORISATION:

The element OTHER_CATEGORISATION is a complex type and optional.

Description in the documentation:

Standardised information on various categorisation schemes is stored in this element.

CATAGORY_ID:

The attribute CATEGORY_ID is of the type positive integer, can contain the values 1-5 and is mandatory.

Description in the documentation:

This attribute specifies the respective categorisation scheme. The values in the following list are available for selection:

ID	Categorisation scheme
1	Code Eco Mobilier
2	Ecosystem EEE
3	Free categorisation scheme
4	Free categorisation scheme
5	Free categorisation scheme

If the schema to be maintained is not included in the list, select an ID from 3 for free categorisation schema and agree with the data recipient what this stands for.

CATEGORY_CODE:

The element CATEGORY_CODE is of the type string and must be specified.

Description in the documentation:

This element contains the code for the category of the respective categorisation scheme to be assigned to the ITEM.

VALID_FROM:

The element VALID_FROM is of type date and optional.

Description in the documentation:

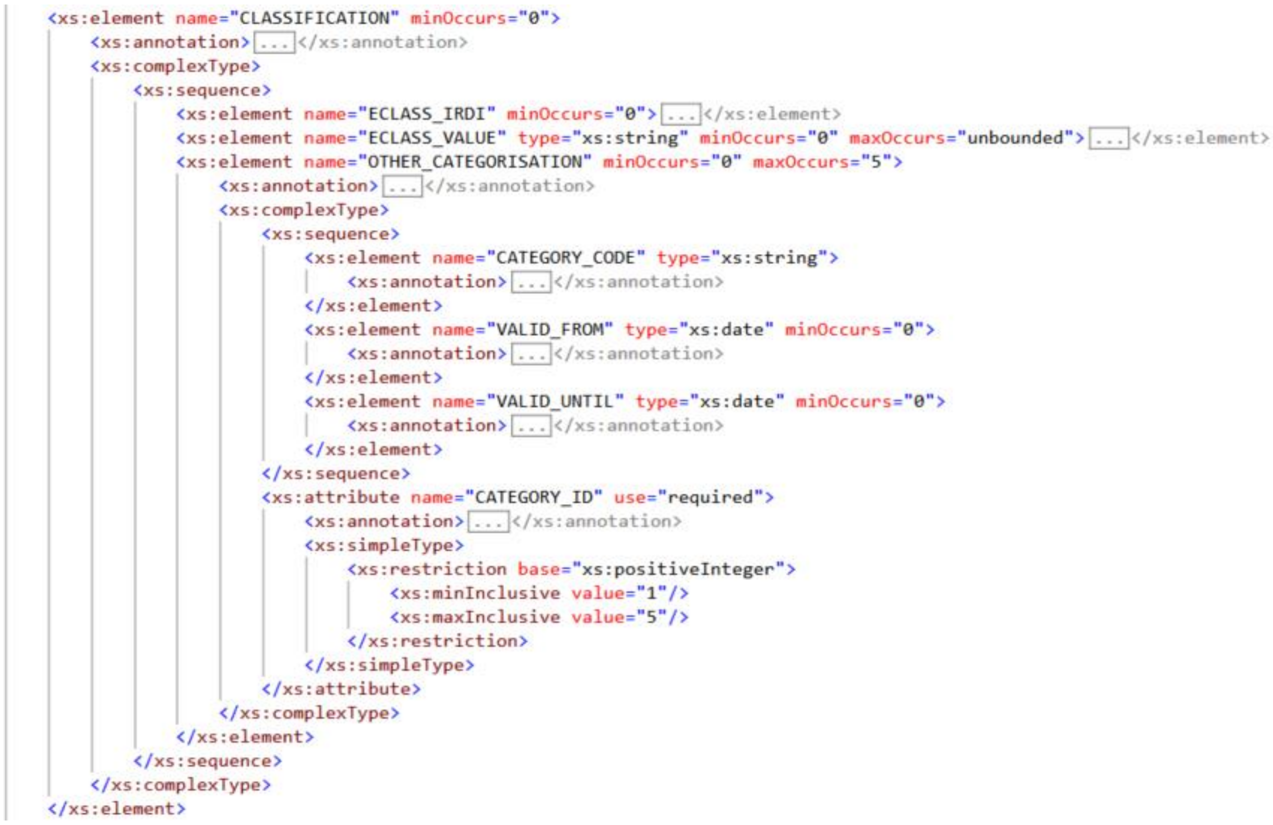
This element indicates the date from which the category specification is valid.

VALID_UNTIL:

The element VALID_UNTIL is of type date and optional.

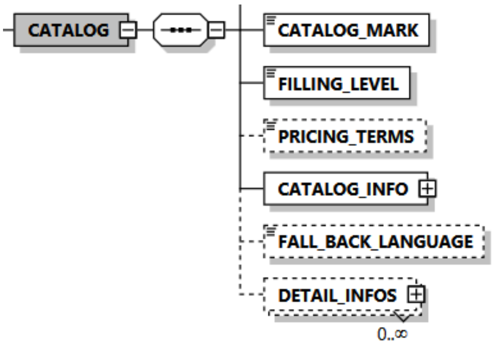
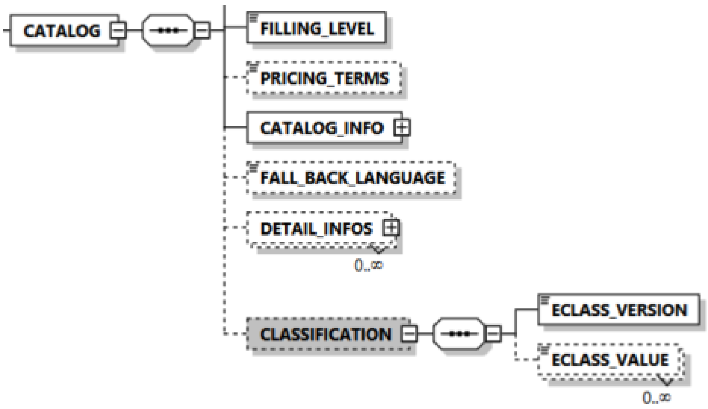
Description in the documentation:

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



```
<xs:element name="CLASSIFICATION" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ECLASS_IRDI" minOccurs="0">...</xs:element>
            <xs:element name="ECLASS_VALUE" type="xs:string" minOccurs="0" maxOccurs="unbounded">...</xs:element>
            <xs:element name="OTHER_CATEGORISATION" minOccurs="0" maxOccurs="5">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="CATEGORY_CODE" type="xs:string">
                            <xs:annotation>...</xs:annotation>
                        </xs:element>
                        <xs:element name="VALID_FROM" type="xs:date" minOccurs="0">
                            <xs:annotation>...</xs:annotation>
                        </xs:element>
                        <xs:element name="VALID_UNTIL" type="xs:date" minOccurs="0">
                            <xs:annotation>...</xs:annotation>
                        </xs:element>
                    </xs:sequence>
                    <xs:attribute name="CATEGORY_ID" use="required">
                        <xs:annotation>...</xs:annotation>
                        <xs:simpleType>
                            <xs:restriction base="xs:positiveInteger">
                                <xs:minInclusive value="1"/>
                                <xs:maxInclusive value="5"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

6.2. A New optional complex Type CLASSIFICATION under CATALOGUE Decision : 2023-March

2.8.1	3.0.1
 CATALOG CATALOG_MARK FILLING_LEVEL PRICING_TERMS CATALOG_INFO FALL_BACK_LANGUAGE DETAIL_INFOS 0..∞	 CATALOG FILLING_LEVEL PRICING_TERMS CATALOG_INFO FALL_BACK_LANGUAGE DETAIL_INFOS 0..∞ CLASSIFICATION ECLASS_VERSION ECLASS_VALUE 0..∞

As the only classification scheme in the future, ECLASS will be maintained at various nodes in the IDM format. At the catalogue level, the ECLASS version valid for the entire catalogue is stored, as well as ECLASS properties that apply to all items in the catalogue.

CLASSIFICATION:

The optional element CLASSIFICATION below CATALOG is a complexType.

Description in the documentation:

This element is used to store the classification information at catalog level.

If the catalog contains only one classification, the ECLASS_VERSION must be specified.

Information at lower levels for the same properties overwrites the value specified at catalog level.

ECLASS_VERSION:

The element ECLASS_VERSION below CLASSIFICATION is of type integer and mandatory.

Description in the documentation:

The classification version is stored in this element.

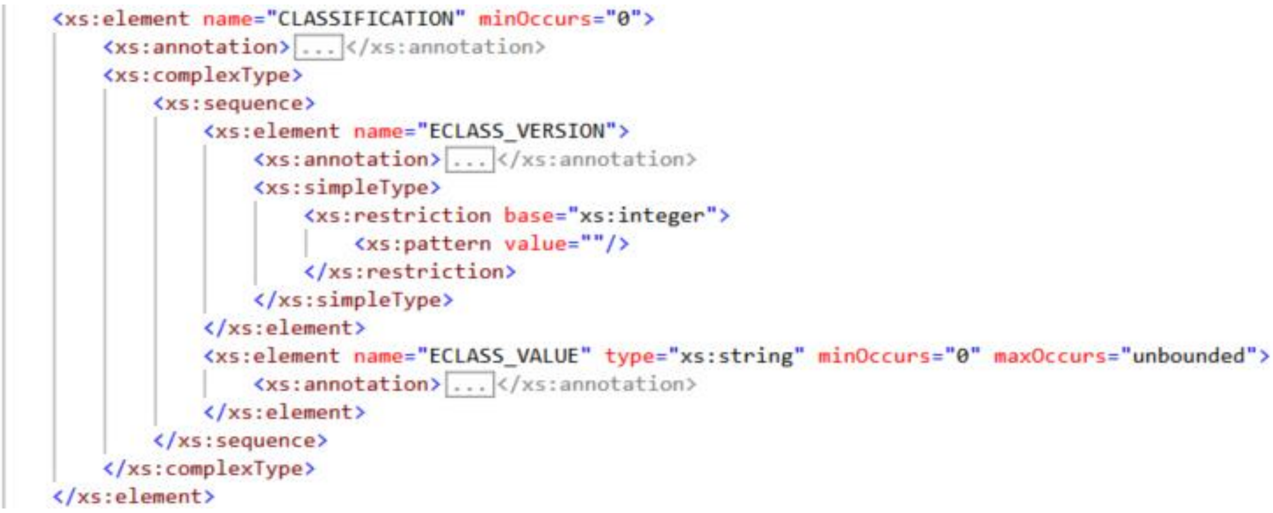
Only the major no. of the version is specified.

ECLASS_VALUE:

The optional element ECLASS_VALUE below CLASSIFICATION is of type string and can be created as often as desired.

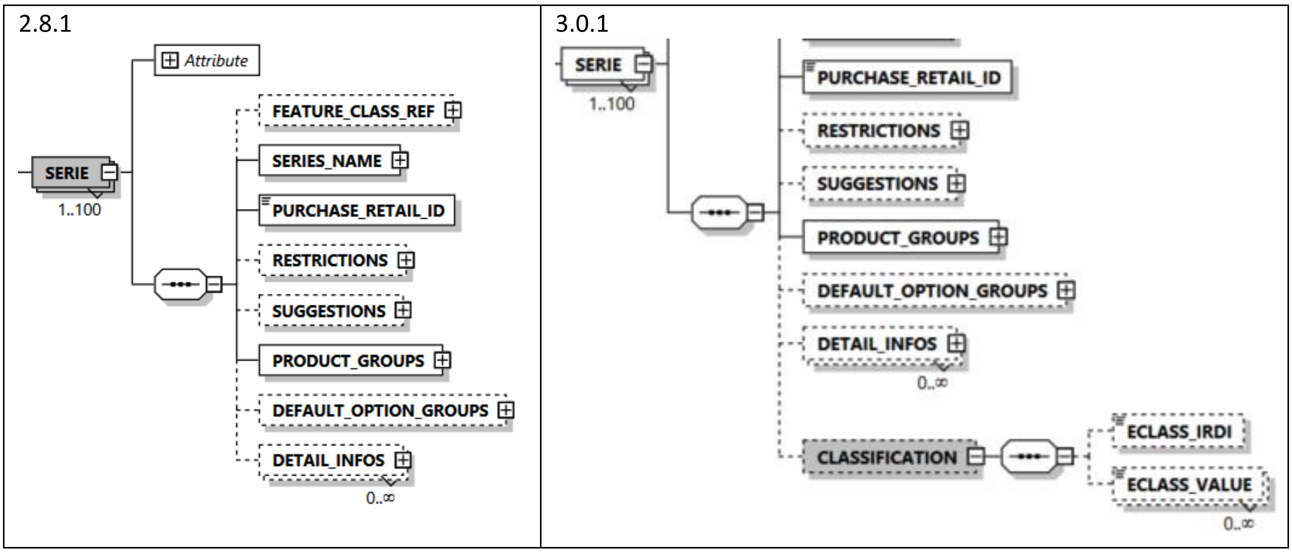
Description in the documentation:

The values of the ECLASS property are stored in this element. For this purpose, the path along the multi-level property structure is specified. The underscore (_) serves as a separator.



```
<xs:element name="CLASSIFICATION" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ECLASS_VERSION">
                <xs:annotation>...</xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:integer">
                        <xs:pattern value=""/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="ECLASS_VALUE" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

6.3. A New optional complex Type CLASSIFICATION under SERIES Decision : 2023-March


2.8.1
Attribute
SERIE
1..100
FEATURE_CLASS_REF
SERIES_NAME
PURCHASE_RETAIL_ID
RESTRICTIONS
SUGGESTIONS
PRODUCT_GROUPS
DEFAULT_OPTION_GROUPS
DETAIL_INFOS
0..∞
3.0.1
SERIE
1..100
PURCHASE_RETAIL_ID
RESTRICTIONS
SUGGESTIONS
PRODUCT_GROUPS
DEFAULT_OPTION_GROUPS
DETAIL_INFOS
0..∞
CLASSIFICATION
ECLASS_IRDI
ECLASS_VALUE
0..∞

As the only classification scheme in the future, ECLASS is maintained at various nodes in the IDM format. The ECLASS class and any number of ECLASS properties, which apply to all items in the series, are stored on the serie.

CLASSIFICATION:

The optional element CLASSIFICATION below SERIES is a complexType.

Description in the documentation:

This element can be used to store classification information at series level.

Specifications at lower levels for the class or the same properties overwrites the value specified at series level.

ECLASS_IRDI:

The optional element ECLASS_IRDI below CLASSIFICATION is of type string and optional. The pattern restricts to the IRDI values possible for classes.

Description in the documentation:

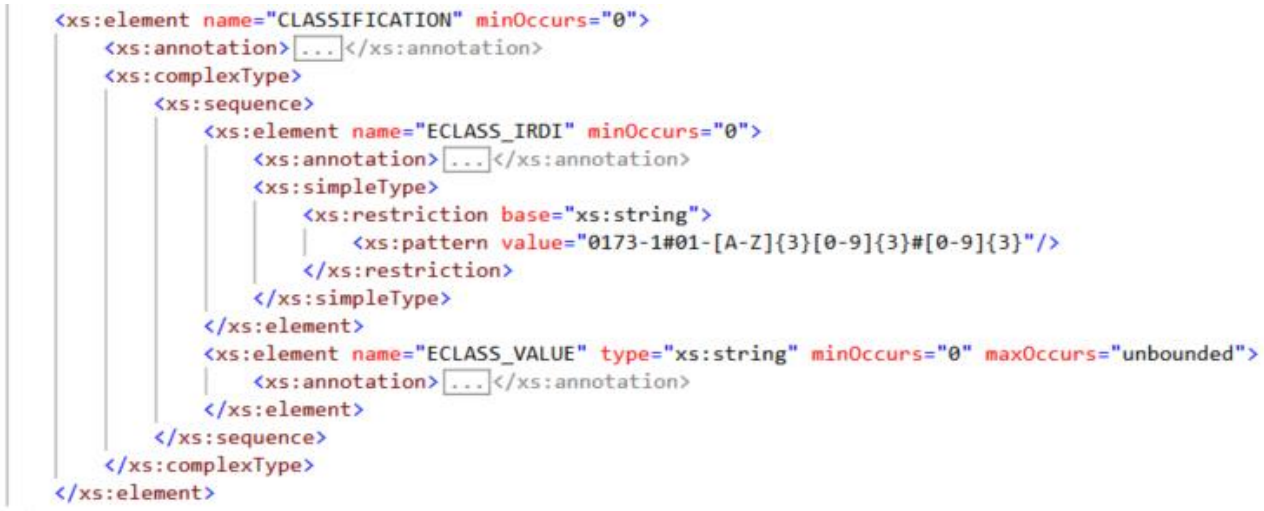
This element stores the IRDI of the 4th level of the hierarchical ECLASS class structure.

ECLASS_VALUE:

The optional element ECLASS_VALUE below CLASSIFICATION is of type string and can be created as often as desired.

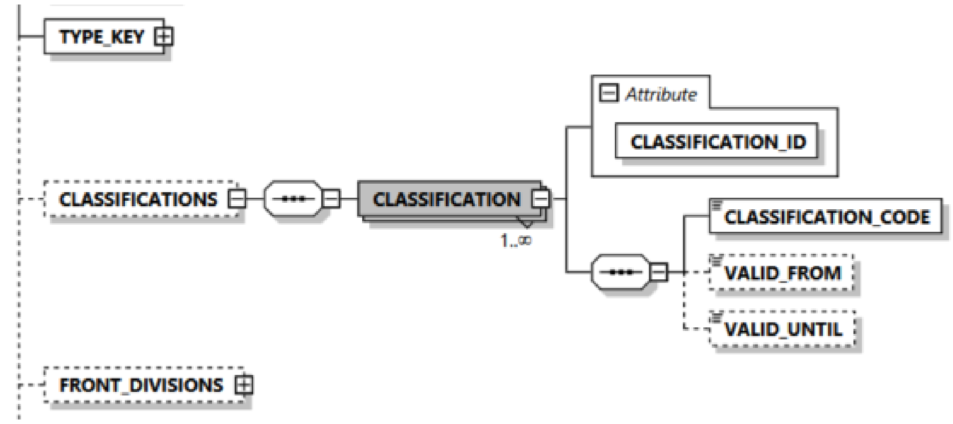
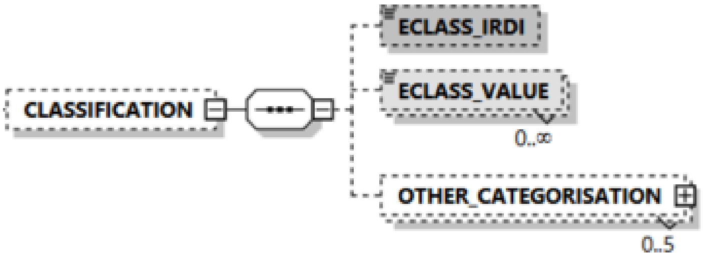
Description in the documentation:

The values of the ECLASS property are stored in this element. For this purpose, the path along the multi-level property structure is specified. The underscore (_) serves as a separator.



```
<xs:element name="CLASSIFICATION" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ECLASS_IRDI" minOccurs="0">
                <xs:annotation>...</xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:pattern value="0173-1#01-[A-Z]{3}[0-9]{3}#[0-9]{3}"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="ECLASS_VALUE" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

6.4. A New elements under CLASSIFICATION below ITEM Decision : 2023-March

2.8.1  TYPE_KEY Attribute CLASSIFICATION_ID CLASSIFICATIONS CLASSIFICATION 1..∞ CLASSIFICATION_CODE VALID_FROM VALID_UNTIL FRONT_DIVISIONS
3.0.1  ECLASS_IRDI CLASSIFICATION ECLASS_VALUE 0..∞ OTHER_CATEGORISATION 0..5

As the only classification scheme in the future, ECLASS will be maintained at various nodes in IDM format. The ECLASS class and any number of ECLASS properties are stored on the item.

CLASSIFICATION:

The optional element CLASSIFICATION below ITEM is a complexType.

Description in the documentation:

In this element, the classification information and categorisations are stored at item level.

Information on lower levels for the same ECLASS properties overwrites the value specified at item level.

ECLASS_IRDI:

The optional element ECLASS_IRDI below CLASSIFICATION is of type string. The pattern restricts to the IRDI values possible for classes.

Description in the documentation:

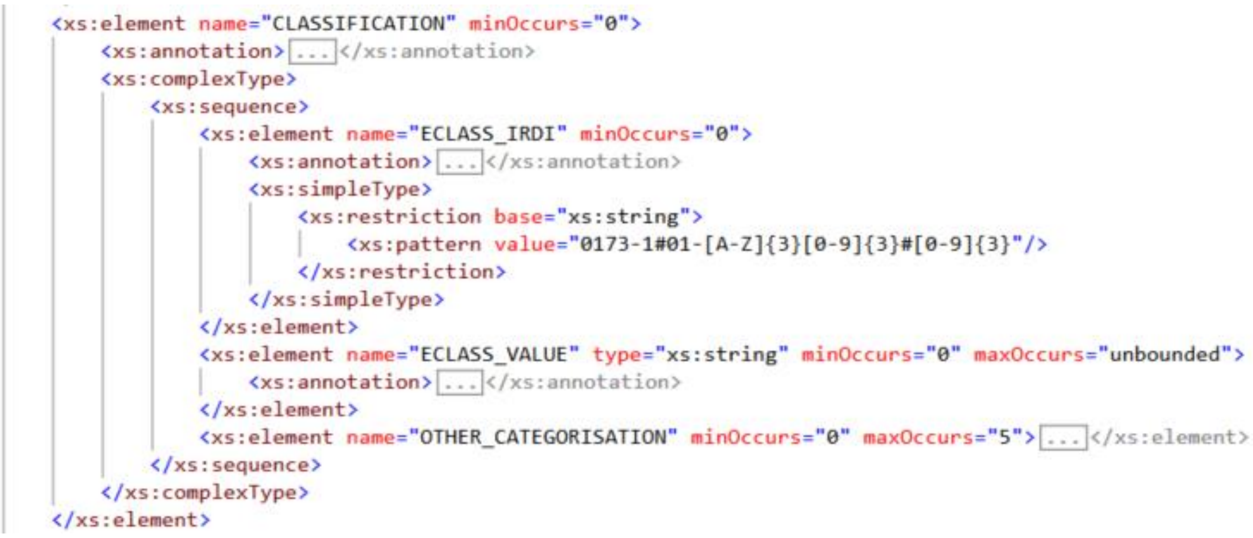
This element stores the IRDI of the 4th level of the hierarchical ECLASS class structure.

ECLASS_VALUE:

The optional element ECLASS_VALUE below CLASSIFICATION is of type string and can be created as often as desired.

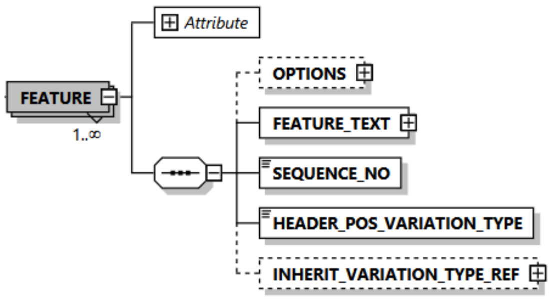
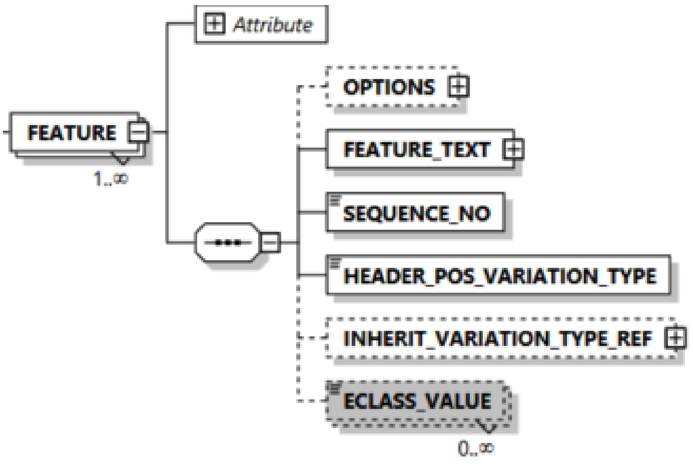
Description in the documentation:

The values of the ECLASS property are stored in this element. For this purpose, the path along the multi-level property structure is specified. The underscore (_) serves as a separator.



```
<xs:element name="CLASSIFICATION" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ECLASS_IRDI" minOccurs="0">
                <xs:annotation>...</xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:pattern value="0173-1#01-[A-Z]{3}[0-9]{3}#[0-9]{3}"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="ECLASS_VALUE" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
            </xs:element>
            <xs:element name="OTHER_CATEGORISATION" minOccurs="0" maxOccurs="5">...</xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

6.5. A New element ECLASS_VALUE under FEATURE Decision : 2023-March

2.8.1	3.0.1
 Attribute FEATURE 1..∞ OPTIONS FEATURE_TEXT SEQUENCE_NO HEADER_POS_VARIATION_TYPE INHERIT_VARIATION_TYPE_REF	 Attribute FEATURE 1..∞ OPTIONS FEATURE_TEXT SEQUENCE_NO HEADER_POS_VARIATION_TYPE INHERIT_VARIATION_TYPE_REF ECLASS_VALUE 0..∞

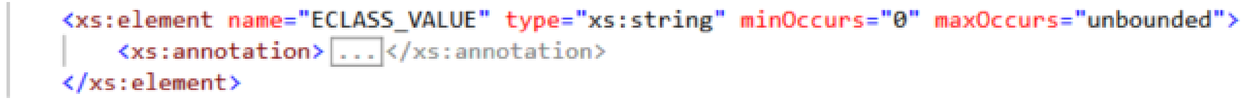
As the only classification scheme in the future, ECLASS is maintained at various nodes in IDM format. Any number of ECLASS properties are stored at the feature.

ECLASS_VALUE:

The optional element ECLASS_VALUE below CLASSIFICATION is of type string and can be created as often as desired.

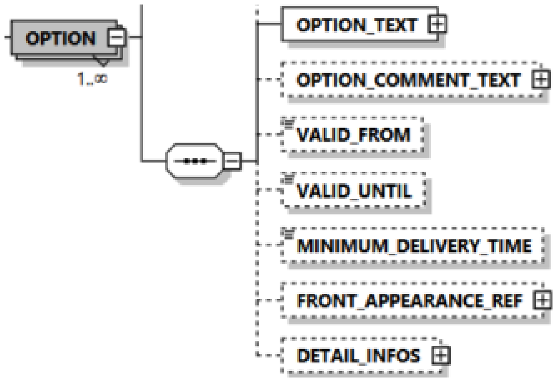
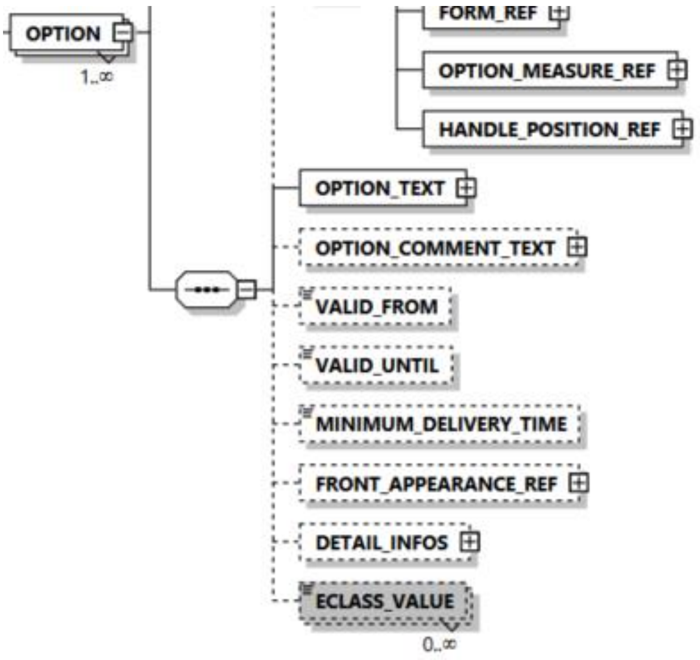
Description in the documentation:

The values of the ECLASS property are stored in this element. For this purpose, the path along the multi-level property structure is specified. The underscore (_) serves as a separator.



```
<xs:element name="ECLASS_VALUE" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
</xs:element>
```

6.6. A New element ECLASS_VALUE under OPTION Decision : 2023-March

2.8.1	3.0.1
 OPTION 1..∞ OPTION_TEXT OPTION_COMMENT_TEXT VALID_FROM VALID_UNTIL MINIMUM_DELIVERY_TIME FRONT_APPEARANCE_REF DETAIL_INFOS	 OPTION 1..∞ FORM_REF OPTION_MEASURE_REF HANDLE_POSITION_REF OPTION_TEXT OPTION_COMMENT_TEXT VALID_FROM VALID_UNTIL MINIMUM_DELIVERY_TIME FRONT_APPEARANCE_REF DETAIL_INFOS ECLASS_VALUE 0..∞

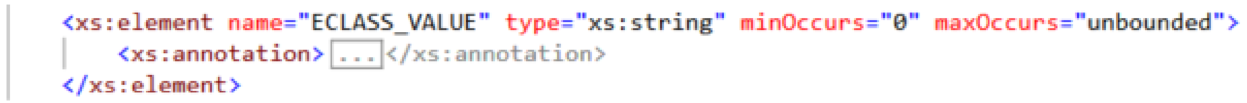
As the only classification scheme in the future, ECLASS is maintained at various nodes in IDM format. Any number of ECLASS properties can be stored at the option.

ECLASS_VALUE:

The optional element ECLASS_VALUE below CLASSIFICATION is of type string and can be created as often as desired.

Description in the documentation:

The values of the ECLASS property are stored in this element. For this purpose, the path along the multi-level property structure is specified. The underscore (_) serves as a separator.

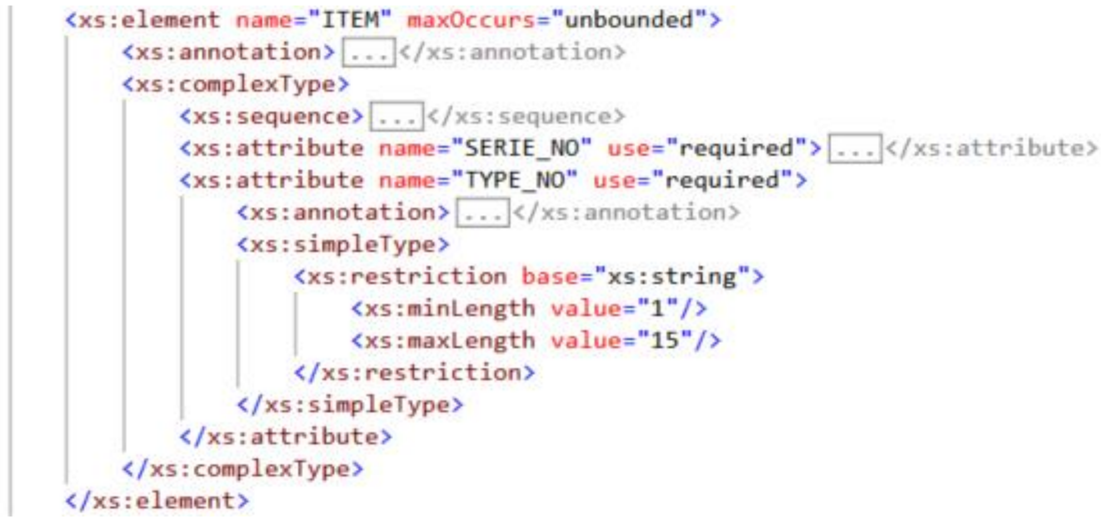


```
<xs:element name="ECLASS_VALUE" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
</xs:element>
```

7. Regular expression for key elements

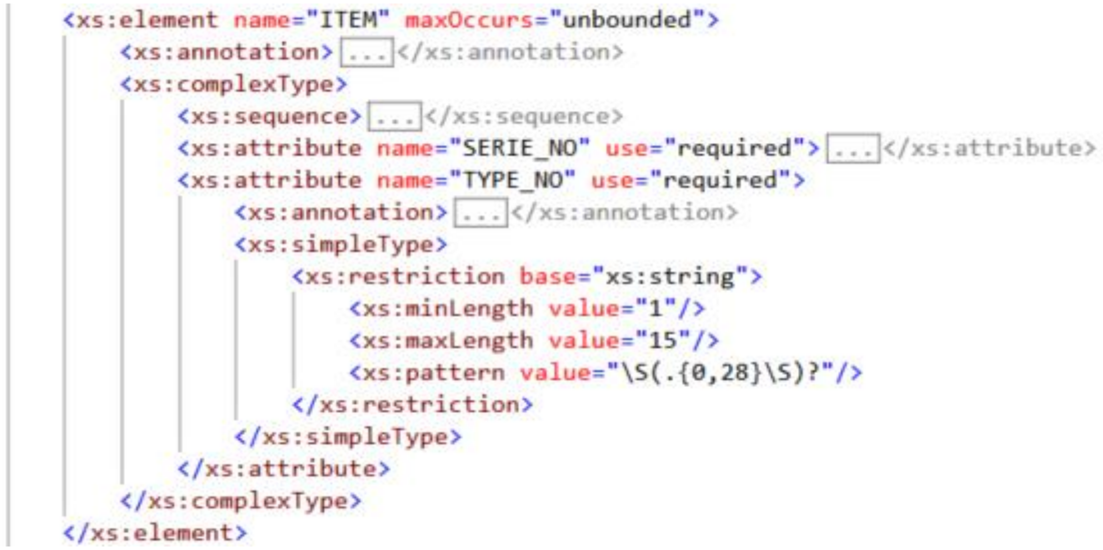
7.1. C Changed pattern in the TYPE_NO element under ITEM Decision : 2022-03-22

2.8.1



```xml
<xs:element name="ITEM" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>...</xs:sequence>
        <xs:attribute name="SERIE_NO" use="required">...</xs:attribute>
        <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="15"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>
```

3.0.1

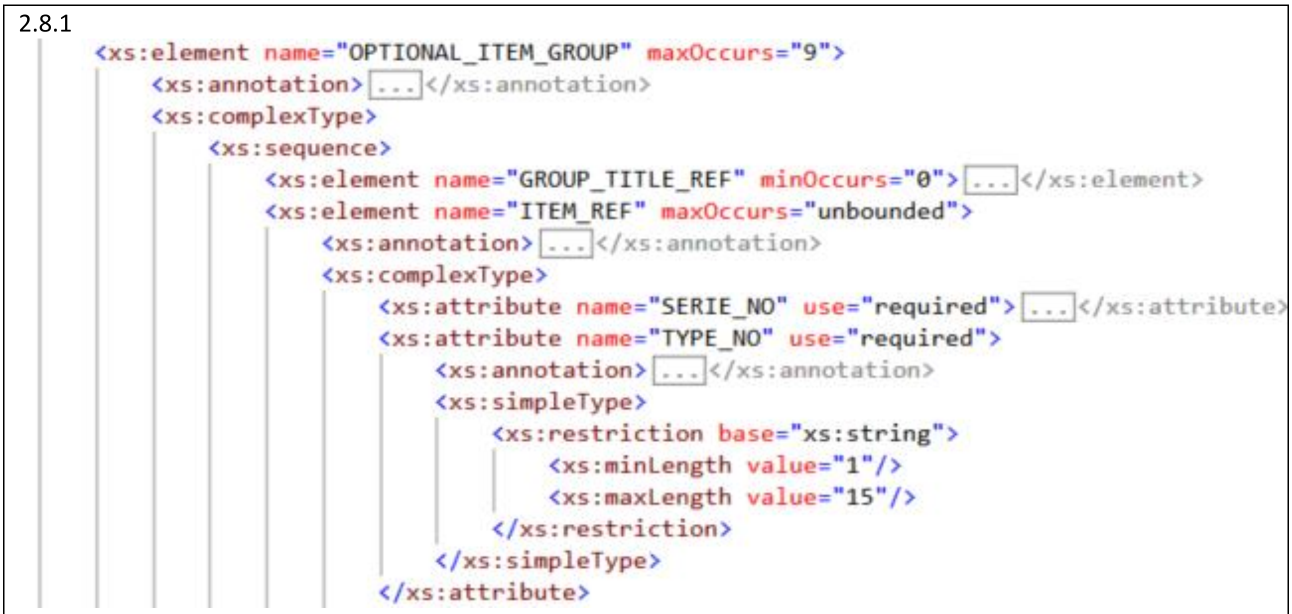


```xml
<xs:element name="ITEM" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>...</xs:sequence>
        <xs:attribute name="SERIE_NO" use="required">...</xs:attribute>
        <xs:attribute name="TYPE_NO" use="required">
            <xs:annotation>...</xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:minLength value="1"/>
                    <xs:maxLength value="15"/>
                    <xs:pattern value="\S(.{0,28}\S)?"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>
```

To minimise erroneous type numbers, the new pattern in the TYPE_NO element under ITEM excludes spaces at the beginning and end.

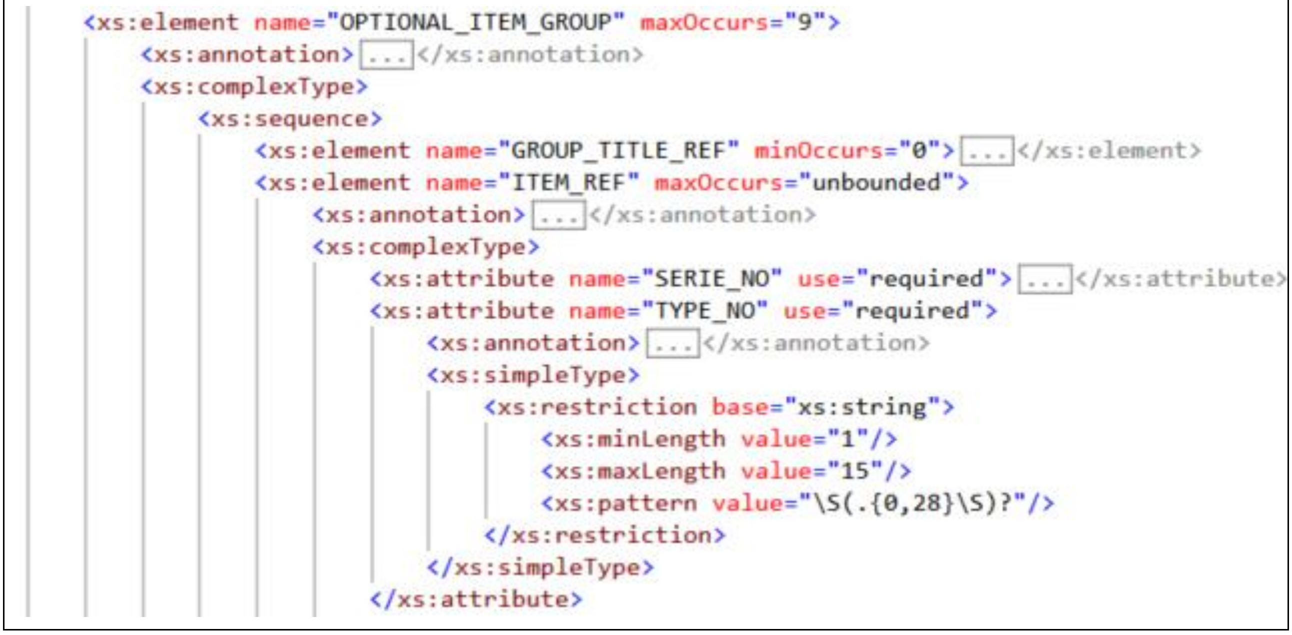
7.2. C Changed pattern in the TYPE_NO element below OPTIONAL_ITEMS Decision : 2022-03-22

2.8.1



```
<xs:element name="OPTIONAL_ITEM_GROUP" maxOccurs="9">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="GROUP_TITLE_REF" minOccurs="0">...</xs:element>
            <xs:element name="ITEM_REF" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:attribute name="SERIE_NO" use="required">...</xs:attribute
                    <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="15"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
```

3.0.1

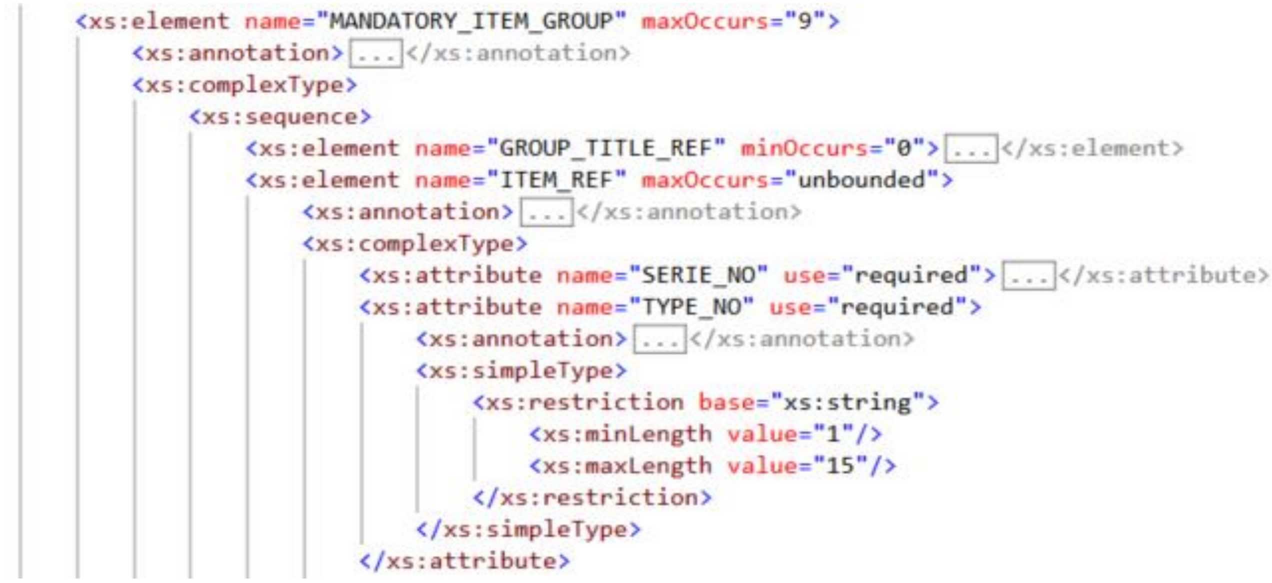


```
<xs:element name="OPTIONAL_ITEM_GROUP" maxOccurs="9">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="GROUP_TITLE_REF" minOccurs="0">...</xs:element>
            <xs:element name="ITEM_REF" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:attribute name="SERIE_NO" use="required">...</xs:attribute
                    <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="15"/>
                                <xs:pattern value="\S(.{0,28}\S)?"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
```

To minimise erroneous type numbers, the new pattern in the TYPE_NO element below OPTIONAL_ITEMS excludes spaces at the beginning and end.

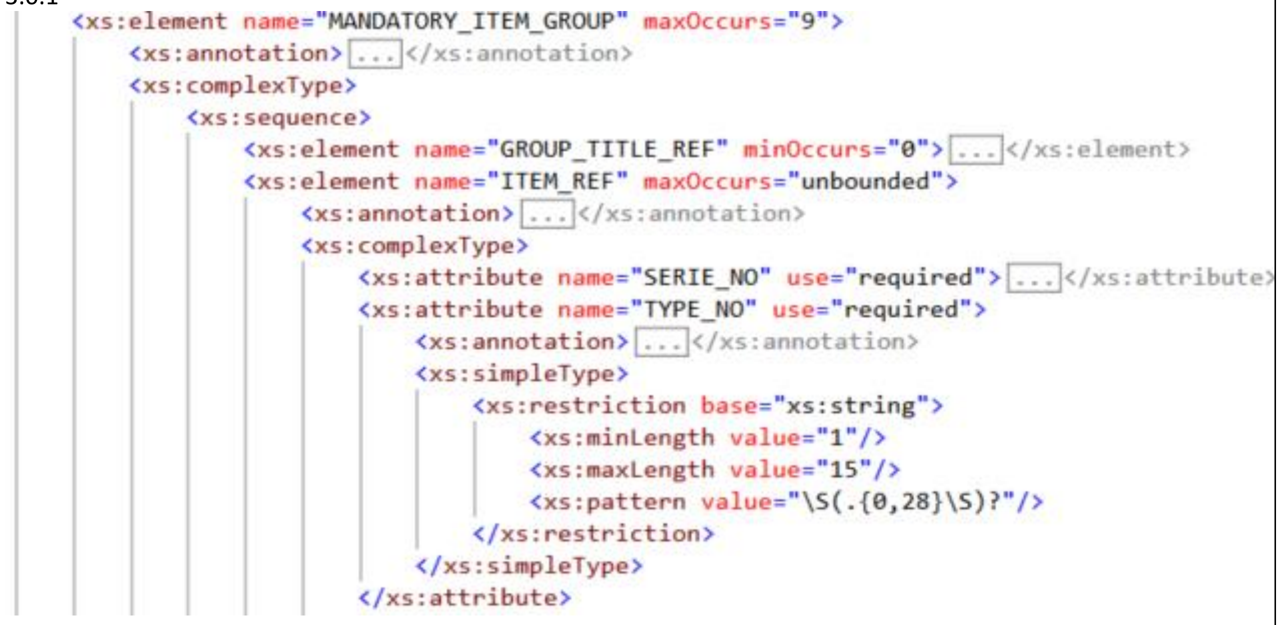
7.3. C Changed pattern in the TYPE_NO element below MANDATORY_ITEMS Decision : 2022-03-22

2.8.1



```
<xs:element name="MANDATORY_ITEM_GROUP" maxOccurs="9">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="GROUP_TITLE_REF" minOccurs="0">...</xs:element>
            <xs:element name="ITEM_REF" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:attribute name="SERIE_NO" use="required">...</xs:attribute>
                    <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="15"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
```

3.0.1

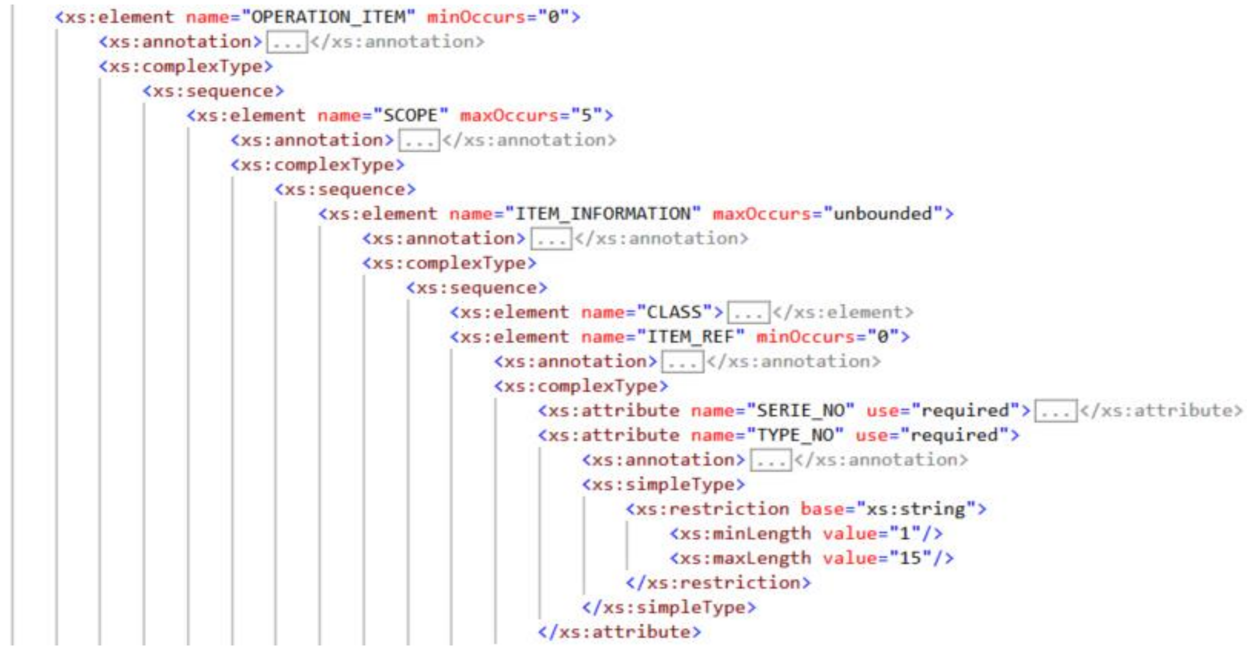


```
<xs:element name="MANDATORY_ITEM_GROUP" maxOccurs="9">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="GROUP_TITLE_REF" minOccurs="0">...</xs:element>
            <xs:element name="ITEM_REF" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:attribute name="SERIE_NO" use="required">...</xs:attribute>
                    <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="15"/>
                                <xs:pattern value="\S(.{0,28}\S)?"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
```

To minimise erroneous type numbers, the new pattern in the TYPE_NO element below MANDATORY_ITEMS excludes spaces at the beginning and end.

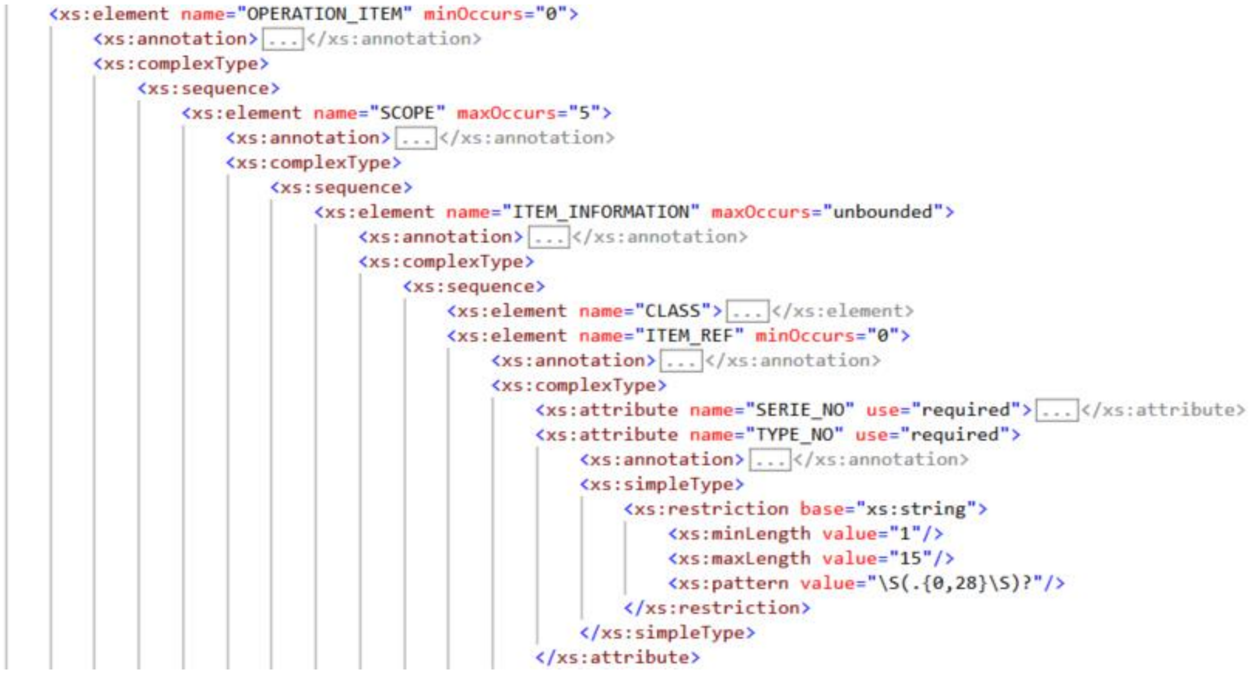
7.4. C Changed pattern in the TYPE_NO element below OPERATION_ITEM Decision : 2022-03-22

2.8.1



```
<xs:element name="OPERATION_ITEM" minOccurs="0">
  <xs:annotation>...</xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SCOPE" maxOccurs="5">
        <xs:annotation>...</xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="ITEM_INFORMATION" maxOccurs="unbounded">
              <xs:annotation>...</xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="CLASS">...</xs:element>
                  <xs:element name="ITEM_REF" minOccurs="0">
                    <xs:annotation>...</xs:annotation>
                    <xs:complexType>
                      <xs:attribute name="SERIE_NO" use="required">...</xs:attribute>
                      <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="15"/>
                          </xs:restriction>
                        </xs:simpleType>
                      </xs:attribute>
```

3.0.1

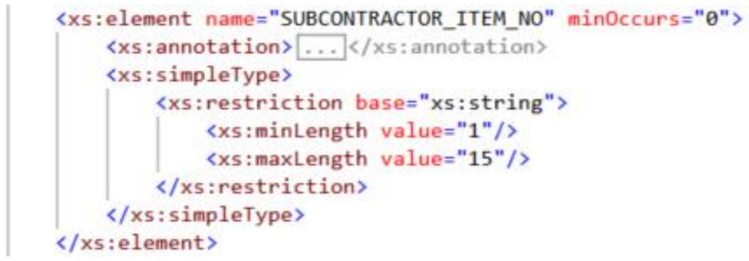


```
<xs:element name="OPERATION_ITEM" minOccurs="0">
  <xs:annotation>...</xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SCOPE" maxOccurs="5">
        <xs:annotation>...</xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="ITEM_INFORMATION" maxOccurs="unbounded">
              <xs:annotation>...</xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="CLASS">...</xs:element>
                  <xs:element name="ITEM_REF" minOccurs="0">
                    <xs:annotation>...</xs:annotation>
                    <xs:complexType>
                      <xs:attribute name="SERIE_NO" use="required">...</xs:attribute>
                      <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="15"/>
                            <xs:pattern value="\S(.{0,28}\S)?"/>
                          </xs:restriction>
                        </xs:simpleType>
                      </xs:attribute>
```

To minimise erroneous type numbers, the new pattern in the TYPE_NO element below OPERATION_ITEM excludes spaces at the beginning and end.

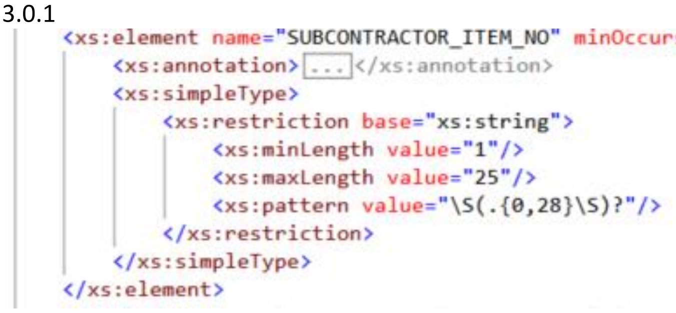
7.5. C Changed pattern in element SUBCONTRACTOR_ITEM_NO Decision : 2022-06-28

2.8.1



```
<xs:element name="SUBCONTRACTOR_ITEM_NO" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="15"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

3.0.1

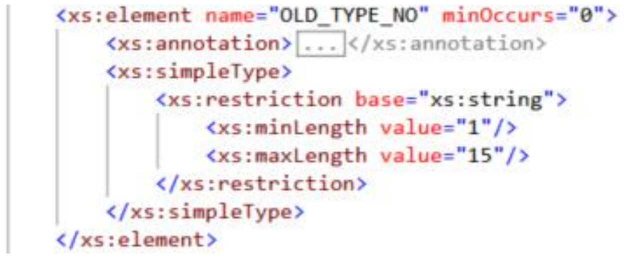


```
<xs:element name="SUBCONTRACTOR_ITEM_NO" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="25"/>
            <xs:pattern value="\S(.{0,28}\S)?"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

To minimise erroneous type numbers, the new pattern in the SUBCONTRACTOR_ITEM_NO element excludes spaces at the beginning and end.

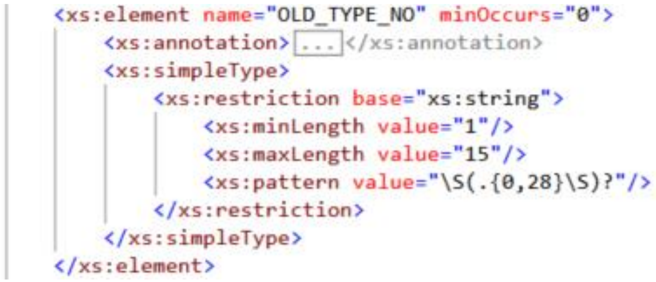
7.6. C Changed pattern in the element OLD_TYPE_NO Decision : 2022-06-28

2.8.1



```
<xs:element name="OLD_TYPE_NO" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="15"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

3.0.1

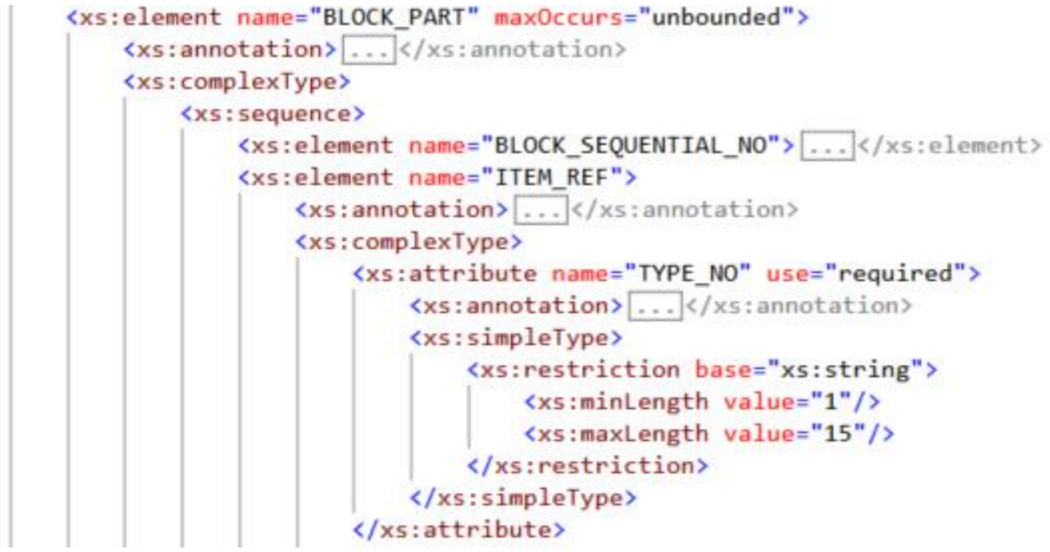


```
<xs:element name="OLD_TYPE_NO" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="15"/>
            <xs:pattern value="\S(.{0,28}\S)?"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

To minimise erroneous type numbers, the new pattern in the OLD_TYPE_NO element excludes spaces at the beginning and end.

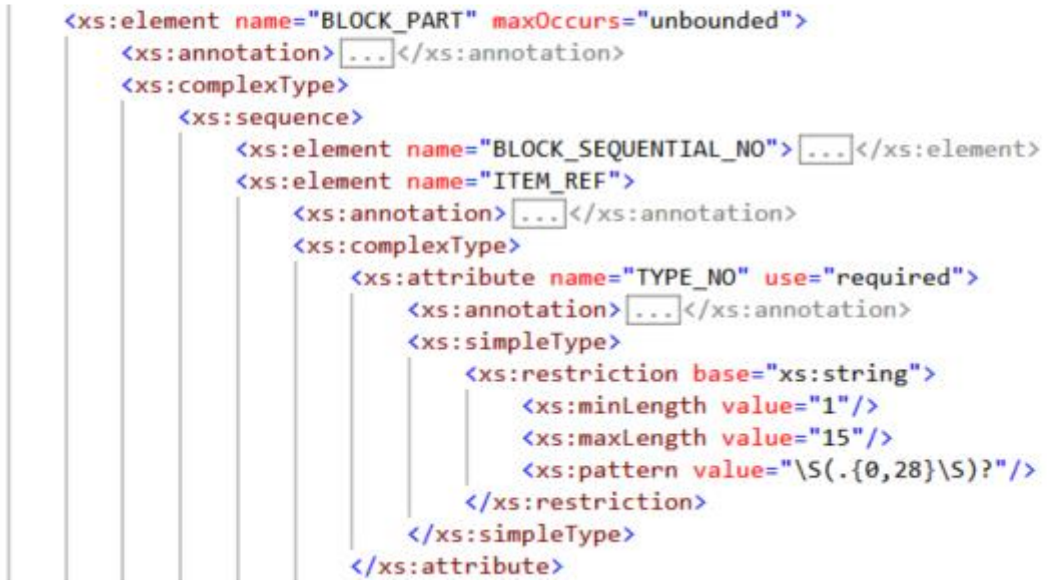
7.7. C Changed pattern in the TYPE_NO element below BLOCK_PARTS Decision : 2022-03-22

2.8.1



```
<xs:element name="BLOCK_PART" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="BLOCK_SEQUENTIAL_NO">...</xs:element>
            <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="15"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
```

3.0.1

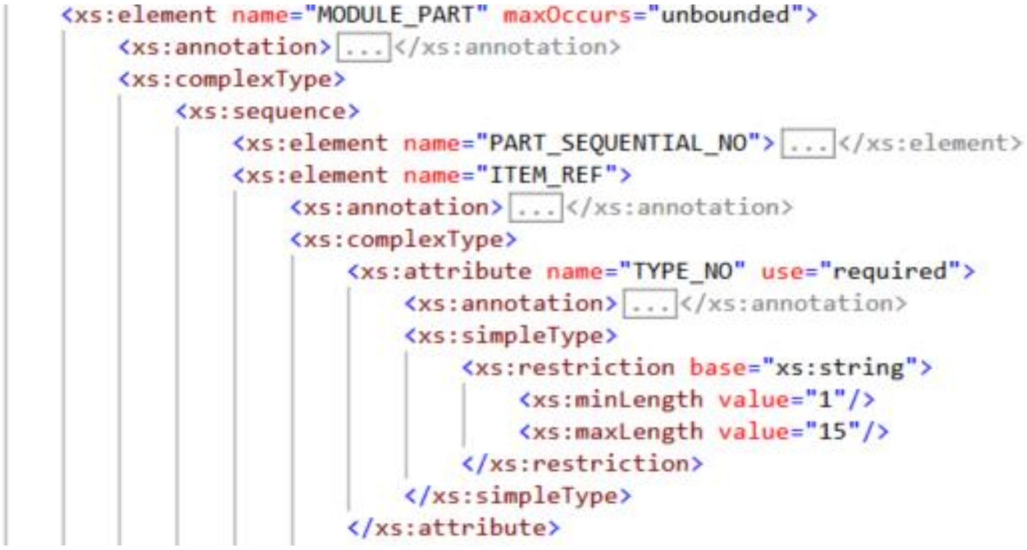


```
<xs:element name="BLOCK_PART" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="BLOCK_SEQUENTIAL_NO">...</xs:element>
            <xs:element name="ITEM_REF">
                <xs:annotation>...</xs:annotation>
                <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="15"/>
                                <xs:pattern value="\S(.{0,28}\S)?"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
```

To minimise erroneous type numbers, the new pattern in the TYPE_NO element below BLOCK_PARTS excludes spaces at the beginning and end.

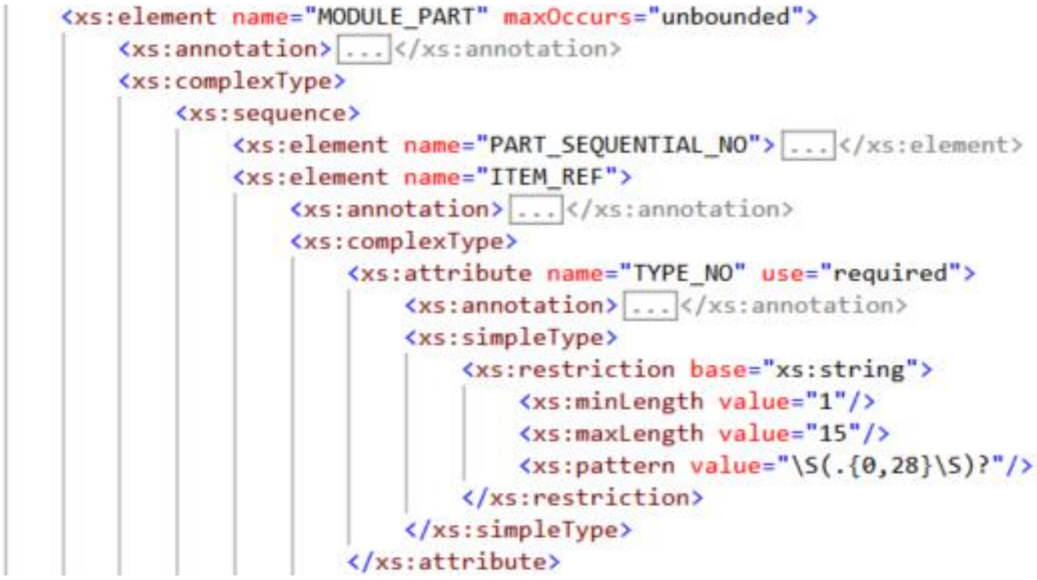
7.8. C Changed pattern in the TYPE_NO element below MODULE_PARTS Decision : 2022-03-22

2.8.1



```
<xs:element name="MODULE_PART" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="PART_SEQUENTIAL_NO">...</xs:element>
            <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="15"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
```

3.0.1

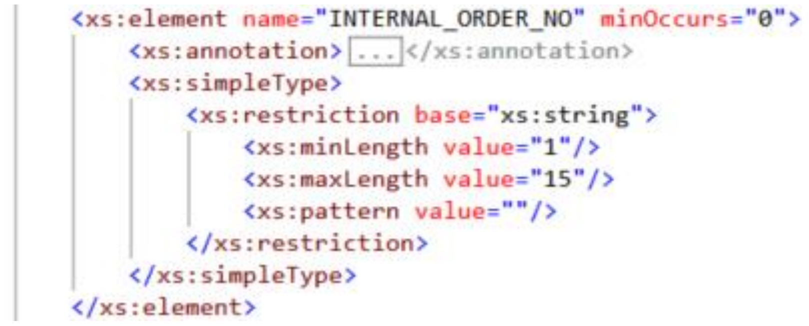


```
<xs:element name="MODULE_PART" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="PART_SEQUENTIAL_NO">...</xs:element>
            <xs:element name="ITEM_REF">
                <xs:annotation>...</xs:annotation>
                <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="15"/>
                                <xs:pattern value="\S(.{0,28}\S)?"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
```

To minimise erroneous type numbers, the new pattern in the TYPE_NO element below MODULE_PARTS excludes spaces at the beginning and end.

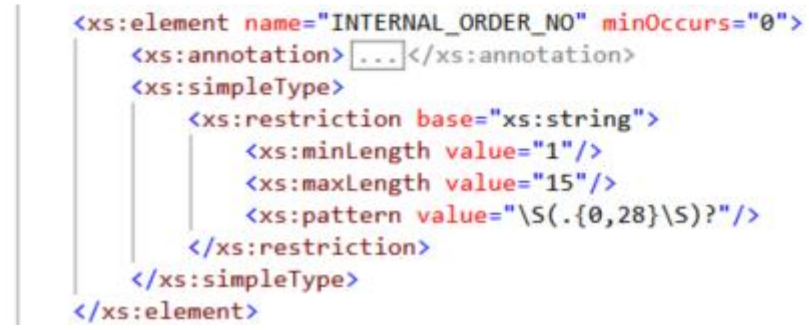
7.9. C Changed pattern in the INTERNAL_ORDER_NO element Decision : 2022-06-28

2.8.1



```
<xs:element name="INTERNAL_ORDER_NO" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="15"/>
            <xs:pattern value=""/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

3.0.1

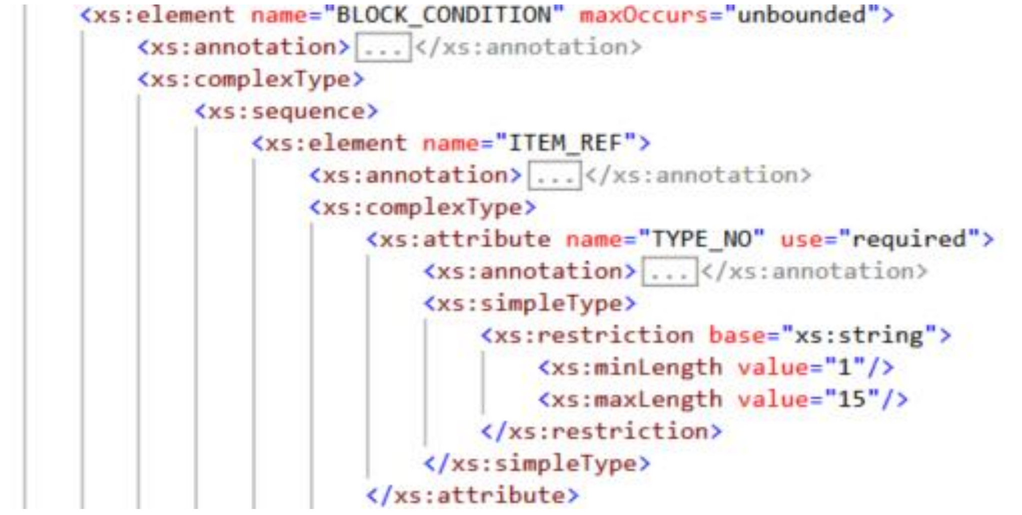


```
<xs:element name="INTERNAL_ORDER_NO" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="15"/>
            <xs:pattern value="\S(.{0,28}\S)?"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

To minimise erroneous type numbers, the new pattern in the INTERNAL_ORDER_NO element excludes spaces at the beginning and end.

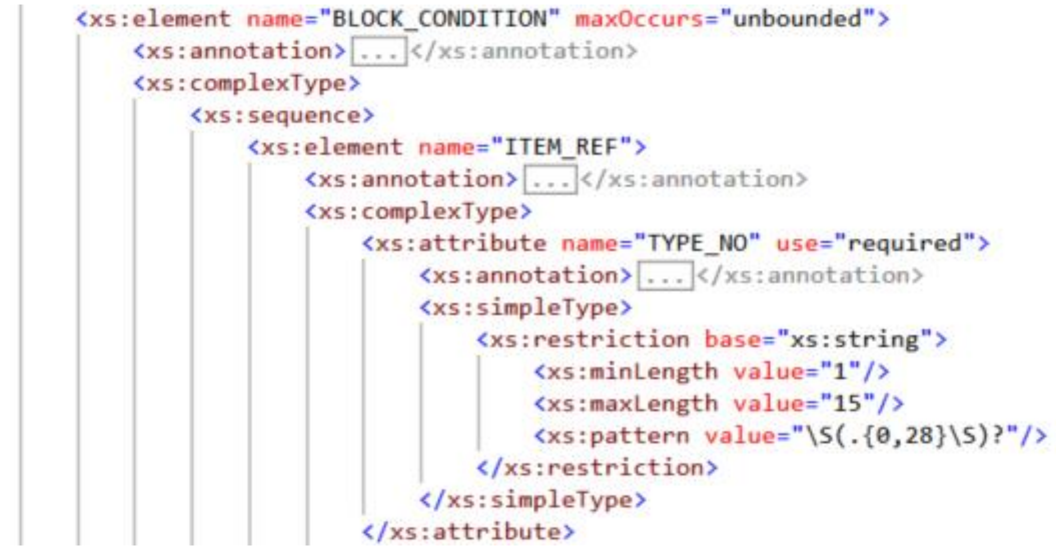
7.10. C Changed pattern in the TYPE_NO element below BLOCK_CONDITION Decision : 2022-03-22

2.8.1



```
<xs:element name="BLOCK_CONDITION" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <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="15"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
```

3.0.1

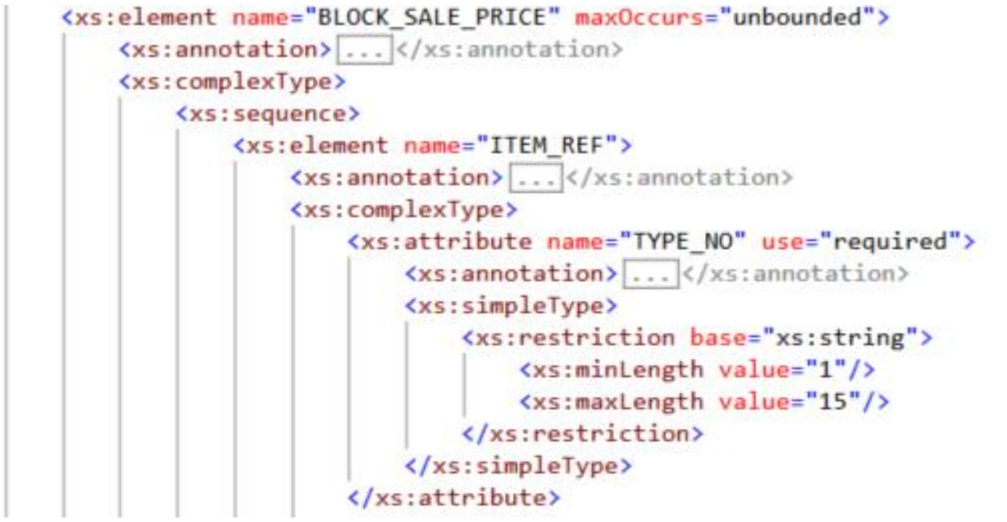


```
<xs:element name="BLOCK_CONDITION" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ITEM_REF">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:attribute name="TYPE_NO" use="required">
                        <xs:annotation>...</xs:annotation>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:minLength value="1"/>
                                <xs:maxLength value="15"/>
                                <xs:pattern value="\S(.{0,28}\S)?"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
```

To minimise erroneous type numbers, the new pattern in the TYPE_NO element below BLOCK_CONDITION excludes spaces at the beginning and end.

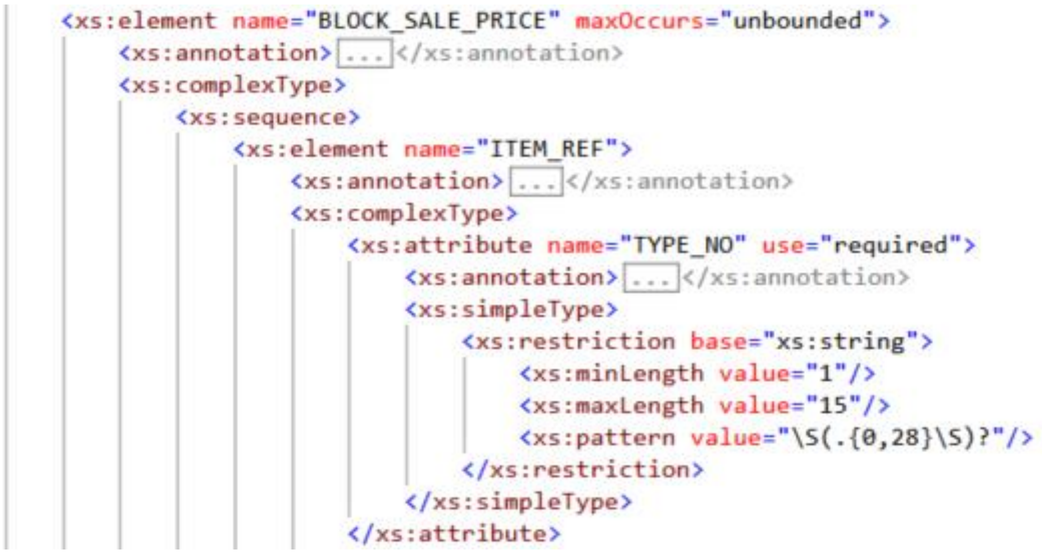
711. C Changed pattern in the TYPE_NO element below BLOCK_SALE_PRICE Decision : 2022-03-22

2.8.1



```
<xs:element name="BLOCK_SALE_PRICE" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <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="15"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
```

3.0.1

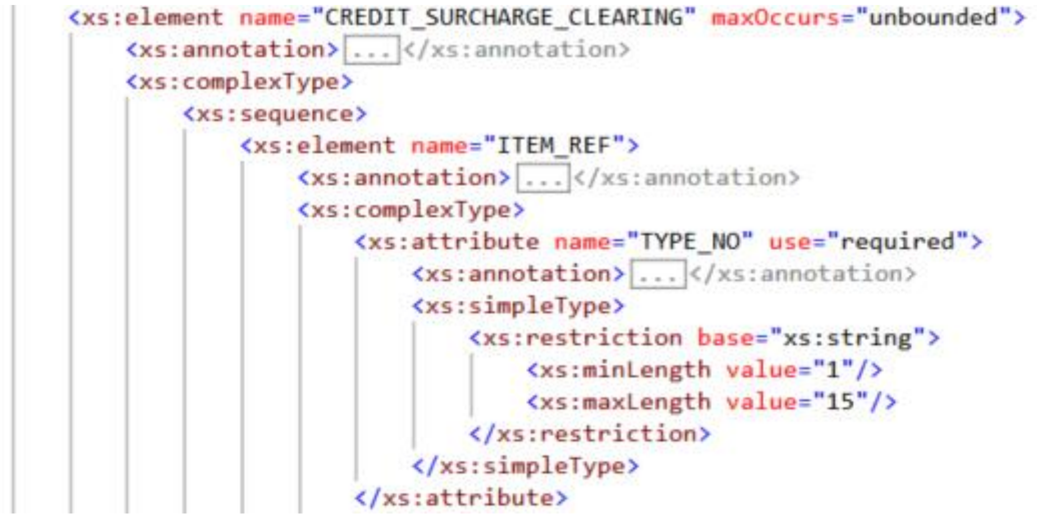


```
<xs:element name="BLOCK_SALE_PRICE" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ITEM_REF">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:attribute name="TYPE_NO" use="required">
                        <xs:annotation>...</xs:annotation>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:minLength value="1"/>
                                <xs:maxLength value="15"/>
                                <xs:pattern value="\S(.{0,28}\S)?"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
```

To minimise erroneous type numbers, the new pattern in the TYPE_NO element below BLOCK_SALE_PRICE excludes spaces at the beginning and end.

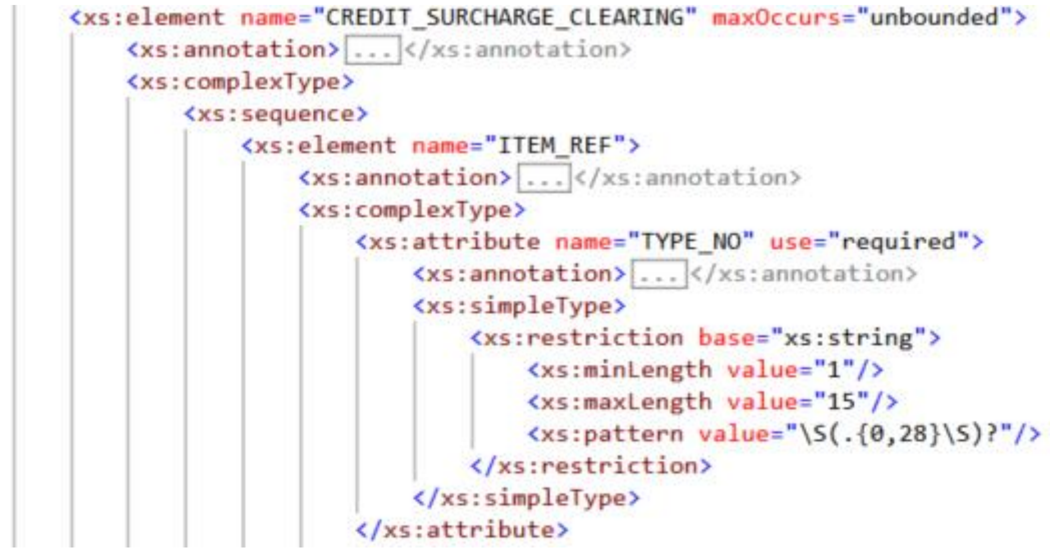
7.12. C Changed pattern in the TYPE_NO element below CREDIT_SURCHARGE_CLEARING Decision : 2022-03-22

2.8.1



```
<xs:element name="CREDIT_SURCHARGE_CLEARING" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <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="15"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
```

3.0.1



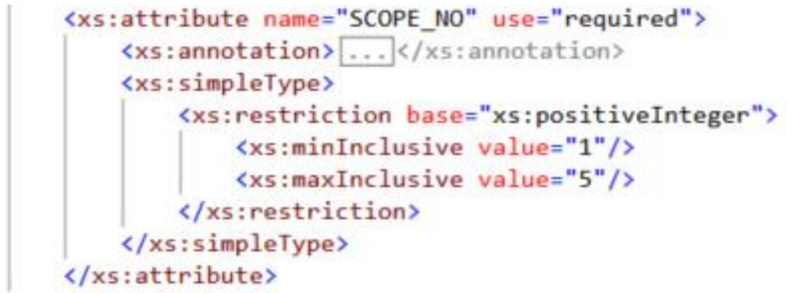
```
<xs:element name="CREDIT_SURCHARGE_CLEARING" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ITEM_REF">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:attribute name="TYPE_NO" use="required">
                        <xs:annotation>...</xs:annotation>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:minLength value="1"/>
                                <xs:maxLength value="15"/>
                                <xs:pattern value="\S(.{0,28}\S)?"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
```

To minimise erroneous type numbers, the new pattern in the TYPE_NO element below CREDIT_SURCHARGE_CLEARING excludes spaces at the beginning and end.

8. New assignment areas

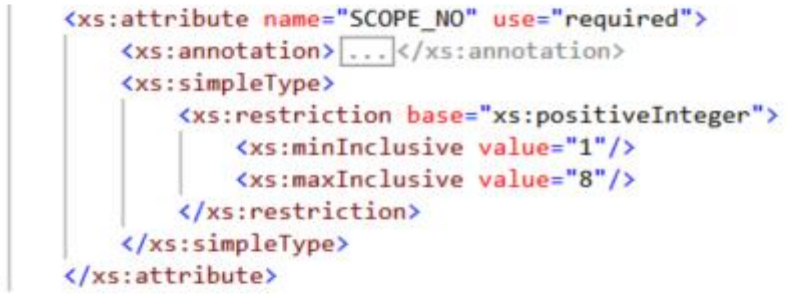
8.1. C New values in the attribute SCOPE_NO Decision : 2022-06-28

2.8.1



```
<xs:attribute name="SCOPE_NO" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:positiveInteger">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="5"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

3.0.1



```
<xs:attribute name="SCOPE_NO" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:positiveInteger">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="8"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

For a better assignment, the values 6 (ceiling panel), 7 (cover plate) and 8 (cornice base) have been added to the attribute SCOPE_NO.

Description in the documentation:

This element defines the scope to which an item is assigned.

The following scopes are defined:
1 = type
2 = plinth
3 = wreath strip
4 = light strip
5 = worktop
6 = Ceiling panel
7 = Cover plate
8 = Cornice base

Example: Scope 1 (type) indicates in general that an assignment to the target-type exists but it does not indicate a defined assignment of a type to the target-type.

In case the values 1, 5, 7 or 8 are set in this field, settings in the elements BASIC_SHAPE_REFERENCE and COVER are not permitted. If the values 2, 3, 4 or 6 are filled in, settings in the elements BASIC_SHAPE_REFERENCE and COVER are required.

9. Textual changes in the documentation

9.1. C Extended descriptions of the variant types according to CSV documentation Decision : 2022-03-22

2.8.1

Variant type	Variant text	Execution type	Comment
105	Front combination	K	If only one key is used for different front information.
201	Carcase combination	K	If only one key is used for several – interior /exterior - carcase colours.
303	Handle combination	K	If only one key is given for several handle conditions.
999	Fixed material assignment	F	

3.0.1

Variant type	Variant text	Execution type	Comment
105	Front combination	K	If only one key is given for several front information. If variant type 105 is filled, it overrides variant types 100-104 to the extent that they are only for internal use by the software companies (e.g. internal colour control). These are then set as invisible header variants ("U") in the element HEADER_POS_VARIATION_TYPE. For external use as a selection for the user (e.g. query as header and order information), only the elements under EDI_INFO are used.
201	Carcase combination	K	If there is only one key for several carcase colours - inside/outside. If variant type 201 is filled, it overrides variant types 200, 202-205 to the extent that they are only for internal use by the software companies (e.g. internal colour control). These are then set as invisible header variants ("U") in the element HEADER_POS_VARIATION_TYPE. For external use as a selection for the user (e.g. query as header and order information), only the elements under EDI_INFO are used.
303	Handle combination	K	If only one key is given for several handle conditions. If variant type 303 is filled, it overrides variant types 300-302 to the extent that they are only for internal use by the software companies (e.g. internal colour control). These are then set as invisible header variants ("U") in the element HEADER_POS_VARIATION_TYPE. For external use as a selection for the user (e.g. query as header and order information), only the elements under EDI_INFO are used.
999	Fixed material assignment	F	This variant type is defined globally, but may only be used in the material properties.

It was noticed that the descriptions of 4 variant types were only partially transferred during the transformation of the CSV into the XML documentation. Missing information has now been added again.

9.2. C Explanatory example for multi-language catalogues (e.g. Switzerland) on the elements COUNTRY_ID and ISO_LANGUAGE_ID Decision : 2022-03-22

ISA_LANGUAGE_ID:

2.8.1 The language code defines the language in which the texts in the data pool were created. The ISO language code must be used. Multiple language codes indicate that the catalogue is used in multiple languages. The catalogue texts must only use the language codes entered in these elements.
3.0.1 The language key defines the language in which the texts of the dataset were created. The ISO language key is to be used for this purpose. In the case of multilingual catalogues, all languages occurring in the catalogue must be entered here. Only the language keys entered in these elements may be used for the texts of the catalogue. For example, in a Swiss catalogue, the ISO_LANGUAGE_ID's DE (German), FR (French) and IT (Italian) can be stored here.

COUNTRY_ID:

2.8.1 This element is used to specify the correct country allocation where a language is spoken in multiple countries and the identical currency is specified. This requires entry of the ISO country code.
3.0.1 The ISO country code of the target market is entered in this element. For countries with several languages but the same currency, make sure to use the correct ISO country code. For example, a Swiss catalogue may contain the 3 ISO_LANGUAGE_ID's DE (German), FR (French) and IT (Italian). However, the COUNTRY_ID must be indicated as CH (Switzerland).

To avoid misleading information in the COUNTY_ID and ISO_LANGUAGE_ID elements, an explanatory example has been added to the description of both elements.

9.3. C Changed description of the PRICE element below PRICE_FEATURE_GROUP_BASE_PRICE_REF Decision : 2023-March

2.8.1 This field is used for the prices of an item according to the price groups(price field, element PRICE_FIELD). Prices have to be defined in the smallest currency unit (e. g. 300,00 € = 30000 cent). Fields may also contain negative prices.These are entered with a minus sign, therefore the number of digits for negative prices is one less than for positive values. The first figure after the minus sign has to be > 0, blanks are not permitted. (example: -9,00 € => -900) If the value 0 is filled in, the item is free of charge within this price group. If an item is not available in one price group, no record is set up in the corresponding element PRICE_FEATURE_GROUP_BASE_PRICE_REF.
3.0.1 This field is used for the prices of an item according to the price groups(price field, element PRICE_FIELD). Prices have to be defined in the smallest currency unit (e. g. 300,00 € = 30000 cent). Fields may also contain negative prices.These are entered with a minus sign, therefore the number of digits for negative prices is one less than for positive values. The first figure after the minus sign has to be > 0, blanks are not permitted. (example: -9,00 € => -900) If the value 0 is filled in, the item is free of charge within this price group. If an item is not available in one price group, no record is set up in the corresponding element PRICE_FEATURE_GROUP_BASE_PRICE_REF. If the attribute PERCENTAGE_SURCHARGE is assigned the value 1, the value created here applies as a percentage surcharge. The last two digits are also to be considered as decimal places.

Due to the new attributes under PRICE_FEATURE_GROUP_BASE_PRICE_REF, which indicate the price as a percentage surcharge, the description in the PRICE element must be adjusted.

9.4. C Changed description of the PRICE element below ADDITIONAL_PRICE_GROUP Decision : 2022-11-08

2.8.1 The prices are filled in according to the price groups of an item (price field). Prices have to be defined in the smallest currency unit (e.g. instead of 300,00 [€], 30000 [Cent]). Fields may also contain negative prices. These are entered with a minus sign, therefore the number of digits for negative prices is one less than for positive values. The first figure after the minus sign has to be > 0, blanks are not permitted. (Example: field with 9 digits; the figure minus 9,00 € shall be filled in : -900)
3.0.1 Prices are entered in this field according to their price groups (price field). The prices must always be entered in the smallest currency unit (e.g. 300,00 € = 30000 Cent). Negative prices can also be entered in the field. They are displayed with a leading minus sign. The available number of digits for negative values is one less than for positive values. The first digit after the minus sign must not be 0. Blanks are not allowed. (Example: 9-digit field. minus 9.00 € is to be displayed : -900) If the attribute PERCENTAGE_SURCHARGE is assigned the value 1, the value created here applies as a percentage surcharge. The last two digits are also to be considered as decimal places.

Due to the new attributes under ADDITIONAL_PRICE_GROUP, which indicate the price as a percentage surcharge, the description in the PRICE element must be adjusted.

9.5. C Changed description of the element CLASS below SCOPE Decision : 2023-02-15

2.8.1 Values defined in this element refer to the values set in the element SCOPE. The following rules apply: element SCOPE value 1 => element CLASS values 1, 2, 3, 7, 8, 9, 18 - 20 element SCOPE value 2 => element CLASS values 2 to 6, value 21 element SCOPE values 3 or 4 => element CLASS values 3 and 6 element SCOPE value 5 => element CLASS values 10 – 17
3.0.1 [...] Values defined in this element refer to the values set in the element SCOPE. The following rules apply: element SCOPE value 1 => element CLASS values 1, 2, 3, 7, 8, 9, 18 to 20 element SCOPE value 2 => element CLASS values 2 to 6, value 21 element SCOPE value 3, 4 or 6 => element CLASS values 3 to 6 element SCOPE value 5, 7 or 8=> element CLASS values 10 to 17

Due to the added values in the SCOPE element, the description in the CLASS element must be adjusted.

9.6. C Changed description of the element BASIC_SHAPE_REFERENCE below SCOPE Decision : 2022-06-28

2.8.1 If assignments for plinth, cornices, light pelmets (scope 2-4) are defined, the assignment to a basic shape has to be defined in this element. Settings in this field are required if values 2 - 4 are entered in the field SCOPE. If the values 1 and 5 are set, this element has to be left blank.
3.0.1 If assignments for plinth, wreath strip, light strip or ceiling panel (scope 2, 3, 4, 6) are defined, the assignment to a basic shape has to be defined in this element. Settings in this field are required if values 2, 3, 4 or 6 are entered in the field SCOPE. If the values 1, 5, 7, or 8 are set, this element has to be left blank.

Due to the added values in the element SCOPE, the description in the element BASIC_SHAPE_REFERENCE has to be adapted.

9.7. C Concretisation of the element EX_FACTORY_MODIFICATION Decision : 2022-11-08

2.8.1 This element provides information about possible alterations of an item provided by the manufacturer. Any changes of an item depend on the definitions of the basic shape in the element PARAMETERS (path 1). 0 = all measurement parameters (PARAMETERS (path 1)) are locked, changes of measurements are not possible; 1 = the measurement parameters (PARAMETERS (path 1)) may be changed according to the settings in SA500. The measurement that shall be changed is upon request; 2 = all measurement parameters (PARAMETERS (path 1)) may be changed, locked parameters require identical values in the attribute NOMINAL_VALUE (path 1), FROM (path 1) and TO (path 1). Path 1: SERIES/SERIE/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/BASIC_PROFILE/CARCASE_BASIC_SHAPE/BASIC_SHAPE_PARAMETERS/BASIC_SHAPE_PARAMETER
3.0.1 This element controls the factory modification options of an item. The change options of the articles depend on the definition of its basic shape parameters in the PARAMETERS element (path 1). 0 = all dimension parameters (PARAMETERS (path 1)) are locked, a dimension change is not possible. The attributes BASIC_SHAPE_FROM and BASIC_SHAPE_TO must not be specified. 1 = indicates a general dimensional variability of the item; the dimensional parameters (PARAMETERS (path 1)) of the variable axis must be specified; locked (non-variable) parameters must have identical values in the attributes BASIC_SHAPE_NOMINAL_VALUE, BASIC_SHAPE_FROM and BASIC_SHAPE_TO. 2 = indicates a dimensional variability in a special case, the dimensional parameters (PARAMETERS (path 1)) of the variable axis can be specified; if the parameters BASIC_SHAPE_FROM and BASIC_SHAPE_TO are not filled, the possible dimensional changes must be agreed with the supplier; locked (non-variable) parameters must have identical values in the attributes BASIC_SHAPE_NOMINAL_VALUE, BASIC_SHAPE_FROM and BASIC_SHAPE_TO. Path 1:SERIES/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/BASIC_PROFILE/CARCASE_BASIC_SHAPE/BASIC_SHAPE_PARAMETERS/BASIC_SHAPE_PARAMETER

9.8. C Adjustment in BASIC_SHAPE_PARAMETERS Decision : 2022-03-22

2.8.1
[...]
If the values in the elements BASIC_SHAPE_NOMINAL_VALUE (path 1), BASIC_SHAPE_FROM (path 1) and BASIC_SHAPE_TO (path 1) are equal, neither changes of these parameters are permitted, nor custom-made items are available.

If an item is defined as electrical appliance the measurement B(Width), H(Height) and T(Depth) are required.

If necessary (e.g. for diagonal corner blinds) values for the basic shapes 21, 24 and 25 can be given in 1/10 mm.
Example: 27,3 mm => value: 0027.3
[...]

3.0.1

[...]
If the values in the elements BASIC_SHAPE_NOMINAL_VALUE (path 1), BASIC_SHAPE_FROM (path 1) and BASIC_SHAPE_TO (path 1) are the same, these parameters must not be changed, a factory modification of these parameters as a special design is also not possible.

If a graphically relevant article is created (basic shape number not equal to 0), the dimensions width, height and depth are required.

If it is absolutely necessary (for example for diagonal corner panels), 1/10 mm values can be specified for the basic shapes 21, 24 and 25. Example: 27.3 mm => element content : 0027.3
[...]

Since the restriction for specifying the dimensional parameters does not only apply to E-appliances, the description in the BASIC_SHAPE_PARAMETER element had to be adapted.

9.9. C Note on handling special colours in the OPTION element Decision : 2022-03-22

2.8.1 This element defines the features of a feature class. All features of the complete database are defined in this element. In case of a finish option (cf. table standard variations, flag "A") neither texture (TEXTUR)nor colour values (COLOR) are permitted. The assignment of brightness and transparency is optional. In case they are defined they have priority over the colour variations.
3.0.1 In this element, the options for a feature are defined and all options to be modified in the dataset are stored. If these are special colours, separate OPTIONs must be created for each colour scheme (e.g. RAL, NCS, etc...). (see also: Best Practices/Special Colours)

In order to avoid incorrect handling of spot colours in the future, the description in the OPTION element has been supplemented and a best practice has been added to the documentation.

Excerpt Best Practice:

Special colours

Not all possible spot colours can be created individually in an IDM catalogue.

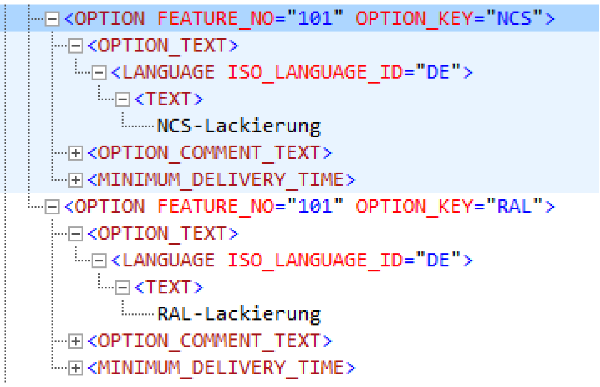
Therefore, it is necessary to define a structure that enables the planning systems to show the applicable spot colours.

For this purpose, a variant is to be created for each standardised colour scheme, e.g. RAL, NCS, SIKKENS, etc.

Example 1:

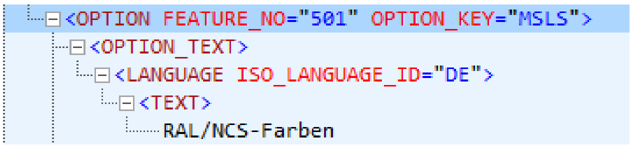
The supplier offers a desired colour in the RAL and NCS colour schemes for various design elements.

Correct:



```
⊟<OPTION FEATURE_NO="101" OPTION_KEY="NCS">
  ⊟<OPTION_TEXT>
    ⊟<LANGUAGE ISO_LANGUAGE_ID="DE">
      ⊟<TEXT>
        NCS-Lackierung
  ⊞<OPTION_COMMENT_TEXT>
  ⊞<MINIMUM_DELIVERY_TIME>
⊟<OPTION FEATURE_NO="101" OPTION_KEY="RAL">
  ⊟<OPTION_TEXT>
    ⊟<LANGUAGE ISO_LANGUAGE_ID="DE">
      ⊟<TEXT>
        RAL-Lackierung
  ⊞<OPTION_COMMENT_TEXT>
  ⊞<MINIMUM_DELIVERY_TIME>
```

Wrong:



```
⊟<OPTION FEATURE_NO="501" OPTION_KEY="MSLS">
  ⊟<OPTION_TEXT>
    ⊟<LANGUAGE ISO_LANGUAGE_ID="DE">
      ⊟<TEXT>
        RAL/NCS-Farben
```

[...]

9.10. C Adjustment in RESTRICTION to 5-stage Decision : 2022-03-22

2.8.1 This element is used for the definition and description of restrictions. These restrictions define rules for technically possible combinations but do not contain any planning advices. This is necessary to prevent the dealers from unnecessary restrictions in the course of kitchen planning. Restrictions are assigned to series, styles or items by references. All test procedures defined in this element have to be referenced from series, styles or items. Restrictions which are referenced from series or styles may not be referenced from items. Restrictions which are referenced from items have priority over restrictions referenced from series or styles The element OPTION_REF can be set up in different ways. According to the filling levels in the elements FEATURE_1_NO, FEATURE_2_NO and FEATURE_3_NO test procedures can be defined as 0-level, 1-level or 2-level or 3-level. [...]
3.0.1 This element is used for the definition and description of restrictions. These restrictions define rules for technically possible combinations but do not contain any planning advices. This is necessary to prevent the dealers from unnecessary restrictions in the course of kitchen planning. Restrictions are assigned to series, styles or items by references. All test procedures defined in this element have to be referenced from series, styles or items. Restrictions which are referenced from series or styles may not be referenced from items. Restrictions which are referenced from items have priority over restrictions referenced from series or styles The element OPTION_REF can be set up in different ways. According to the filling levels in the elements FEATURE_1_NO to FEATURE_5_NO, test procedures can be defined as 0-level, 1-level, 2-level, 3-level, 4-level or 5-level. [...]

Due to the extension of the rules from 3 to 5 levels, the description in the element RESTRICTION has to be adapted.

9.11. C Adjustment in FEATURE_1_NO to FEATURE_3_NO to 5-step Decision : 2022-03-22

FEATURE_1_NO/FEATURE_2_NO/FEATURE_3_NO

2.8.1 The attributes FEATURE_1_NO, FEATURE_2_NO, FEATURE_3_NO define the different variation types which are used in the restrictions. At the same time the attributes define the sequence of the variation types in the restrictions. In addition this attribute can be used to avoid an alternation of the variation types in one restriction.
3.0.1 The attributes FEATURE_1_NO to FEATURE_5_NO define the different features which are used in the restrictions. The attributes also define the sequence of the features in the restrictions. In addition, it is possible to check that the features do not change within a restriction.

Due to the extension of the rules from 3 to 5 levels, the description in the elements FEATURE_1_NO, FEATURE_2_NO and FEATURE_3_NO must be adapted.

9.12. C Changed description of the attribute VALIDATION_TYPE Decision : 2022-03-22

2.8.1 The attribute VALIDATION_TYPE defines a restriction as either colour-length or variation test procedure. In case of a colour-length test procedure the element MIN/MAX_DIMENSION under OPTION_COMBINATION has to be filled in. 0 = variation test procedure (formerly record type 270) 1 = colour-length test procedure (formerly record type 405)
3.0.1 The attribute VALIDATION_TYPE defines a restriction as either colour-length or variation restriction. 0 = variation restriction 1 = colour-length restriction If it is a color length restriction, a MIN/MAX_DIMENSION must be filled for each check under OPTION_COMBINATION. The color length restriction is complementary to the variant restriction. It only restricts the dimensions of the color variants named therein and does not represent a general availability check.

Due to different interpretations, the colour length check has been described more clearly in the element VALIDATION_TYPE.

9.13. F Corrected description of the data type gYear Decision : 2023-03-27

2.8.1

Data types and value ranges

[...]

gYear	In the IDM, the data type dateTime is used in conformity with the XML schemas as follows: YYYY

3.0.1

Data types and value ranges

[...]

gYear	In the IDM, the data type gYear is used in conformity with the XML schemas as follows: YYYY

Unreleased

Presentation of all changes planned for version 3.1.0

Contact

Data Competence Center e. V.

Goebenstraße 4-10

32052 Herford

Info: www.dcc-moebel.org

Dr.-Ing. Olaf Plümer

E-mail: pluemer@dcc-moebel.org

Phone +49 52 21 / 12 65-37

Anika Degenhard

E-mail: degenhard@dcc-moebel.org

Tel.: +49 52 21 / 12 65 - 38