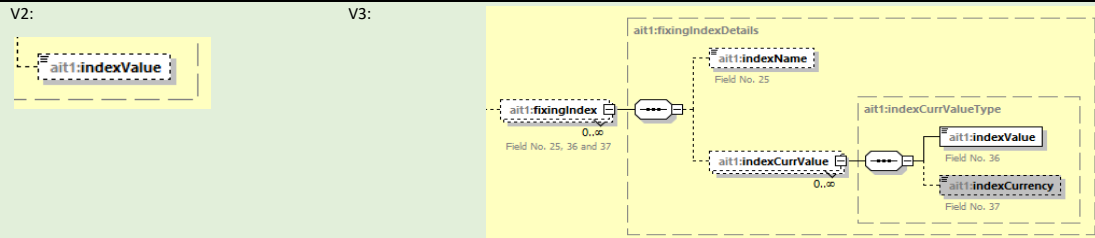


Table 1 Schema Changes - Overview of Finalised V3 Schema (REMITTable1_V3)

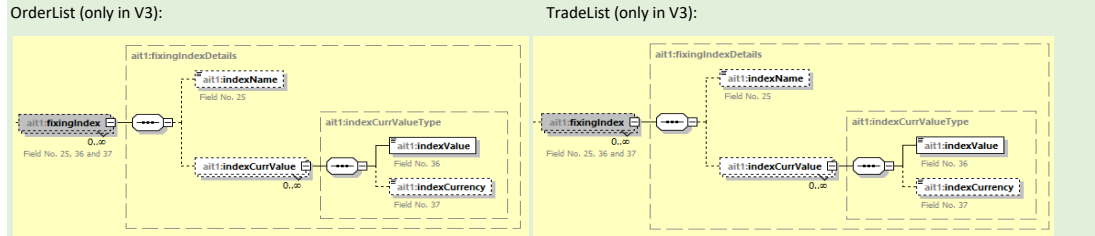
Changes amended after the consultation on draft v0.6 (REMITTable1_V3_draft_v0.6) are marked in green

Changes in Scope **Screenshot of the implementation (comparison between REMITTable1_V2 and V3)**

1. Introducing a new optional element corresponding to Data Field No (37) Price Currency, XSD name: indexCurrency, into the fixingIndex optional element, subelement indexCurrValue.



2. Placing the complex element corresponding to Data Fields No (36) Index value and No (37) Price currency, XSD name: fixingIndex, under the order and trade sections of the XML schema (OrderList and TradeList) and removing it from the contract section of the schema (ContractList).



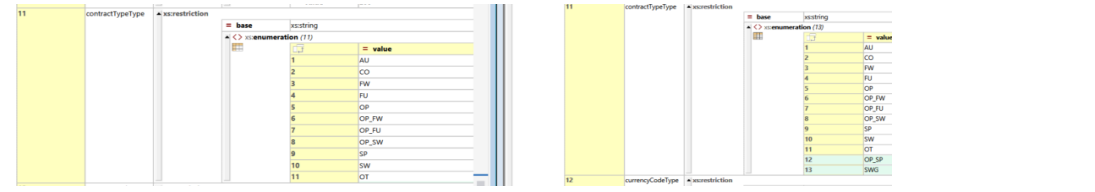
3. Removing the element corresponding to Data Field No (25) Fixing index or reference price, XSD name: indexName, from the complex element fixingIndex, and placing it as a stand-alone element in the ContractList.

```

<xs:element name="fixingIndex"
  type="aiti:fixingIndexDetails" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Field No. 25</xs:documentation>
  </xs:annotation>
</xs:element>

49 <xs:element name="indexName" type="aiti:fixingIndexType"
50   minOccurs="0" maxOccurs="unbounded">
51   <xs:annotation>
52     <xs:documentation>Field No. 25</xs:documentation>
53   </xs:annotation>
</xs:element>
  
```

4. Addition of "OP_SP" (Option on spread) and "SWG" (Swings) as allowed values for the element corresponding to Data Field No (23) Contract type in TRUM, XSD name: contractType.



5. Making the element corresponding to Data Field No (22) Contract name, XSD name: contractName, mandatory in the schema.

```

14 </xs:element>
15 <xs:element name="contractName" type="aiti:contractNameType"
16   minOccurs="1">
17   <xs:annotation>
18     <xs:documentation>Field No. 22</xs:documentation>
19   </xs:annotation>
20 </xs:element>

34 <xs:element name="contractName"
35   type="aiti:contractNameType">
36   <xs:annotation>
37     <xs:documentation>Field No. 22</xs:documentation>
38   </xs:annotation>
39 </xs:element>
  
```

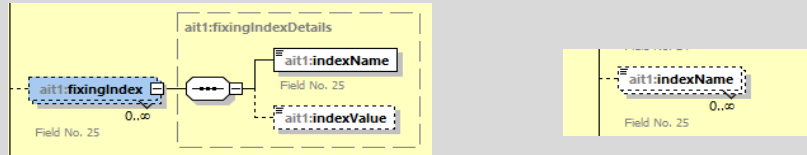
6. Correcting the regular expression pattern of the accepted values for the Extra field in the XML schema, XSD name: extra, XSD type: extraType. There is an error in REMIT Table 1 V2 where two key=value pairs are required (separated by a semicolon ';') for the contents of the extra element to be considered valid. The correction aims at ensuring one key=value pair is considered valid. The pattern suggested by an RRM will be implemented: „((\w+==(\\d+\\.\\d+)|(\\d+)|(\\w+)))(;((\\d+\\.\\d+)|(\\d+)|(\\w+)))?)*“

```

</xs:simpleType>
<xs:simpleType name="extraType">
  <xs:restriction base="xs:string">
    <xs:maxLength value="1000"/>
    <xs:pattern value="((\\w+==(\\d+\\.\\d+)|(\\d+)|(\\w+)))+(;((\\d+\\.\\d+)|(\\d+)|(\\w+)))?)*"/>
  </xs:restriction>
</xs:simpleType>

896 <xs:simpleType name="extraType">
897   <xs:restriction base="xs:string">
898     <xs:minLength value="1"/>
899     <xs:maxLength value="1000"/>
900     <xs:pattern value="((\\w+==(\\d+\\.\\d+)|(\\d+)|(\\w+)))+(;((\\d+\\.\\d+)|(\\d+)|(\\w+)))?)*"/>
901   </xs:restriction>
902 </xs:simpleType>
  
```

A.1.4 Removal of the element corresponding to Data Field No (36) Index Value, XSD name:indexValue, from the contract section of the schema (ContractList).



A.1.5 Changing the cardinality of the element corresponding to Data Field No (41) Total notional contract quantity, XSD name: totalNotionalContractQuantity, from optional to mandatory only in the trade section of the schema (TradeList).

<pre> <xs:element name="totalNotionalContractQuantity" type="ait1:notionalQuantityType" minOccurs="0"> <xs:annotation> <xs:documentation>Field No. 41</xs:documentation> </xs:annotation> </pre>	<pre> 336 337 338 339 </pre>	<pre> <xs:element name="totalNotionalContractQuantity" type="ait1:notionalQuantityType" minOccurs="1"> <xs:annotation> <xs:documentation>Field No. 41</xs:documentation> </xs:annotation> </pre>
--	------------------------------	--

Affected elements:	Original XSD Snippet	Updated XSD Snippet
lastTradingDateTime	<pre> <xs:element name="lastTradingDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Field No. 29</xs:documentation> </xs:annotation> </pre>	<pre> <xs:element name="lastTradingDateTime" type="ait1:dateTimeRestriction" minOccurs="0"> <xs:annotation> <xs:documentation>Field No. 29</xs:documentation> </xs:annotation> </pre>
transactionTime	<pre> <xs:element name="transactionTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Field No. 30</xs:documentation> </xs:annotation> </pre>	<pre> <xs:element name="transactionTime" type="ait1:dateTimeRestriction"> <xs:annotation> <xs:documentation>Field No. 30</xs:documentation> </xs:annotation> </pre>
originalEntryTime	<pre> <xs:element name="originalEntryTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Field No. 30</xs:documentation> </xs:annotation> </pre>	<pre> <xs:element name="originalEntryTime" type="ait1:dateTimeRestriction" minOccurs="0"> <xs:annotation> <xs:documentation>Field No. 30</xs:documentation> </xs:annotation> </pre>
executionTime	<pre> <xs:element name="executionTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Field No. 30 if different than </pre>	<pre> <xs:element name="executionTime" type="ait1:dateTimeRestriction" minOccurs="0"> <xs:annotation> <xs:documentation>Field No. 30 if different than </pre>
terminationDate	<pre> <xs:element name="terminationDate" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Field No. 43</xs:documentation> </xs:annotation> </pre>	<pre> <xs:element name="terminationDate" type="ait1:dateTimeRestriction" minOccurs="0"> <xs:annotation> <xs:documentation>Field No. 43</xs:documentation> </xs:annotation> </pre>
expirationDateTime	<pre> <xs:element name="expirationDateTime" type="xs:dateTime" minOccurs="0"/> </pre>	<pre> <xs:element name="expirationDateTime" type="ait1:dateTimeRestriction" minOccurs="0"/> </pre>

```

Pattern Definition: <xs:simpleType name="dateTimeRestriction">
  <xs:restriction base="xs:dateTime">
    <xs:pattern value="\d{4}{-}\d{2}{:}\d{2}T(\d{2}{:}\d{2}{\.\d{1,}})?[Z|[\+]\d{2}{:}\d{2}]" />
  </xs:restriction>
</xs:simpleType>

```

A.7.1 Configuring all fields related to "datetime/timestamps" to only allow four digits for the year, and make the time zone offset or zoned time (with offset) mandatory.

loadDeliveryStartTime, loadDeliveryEndTime:	Original XSD Snippet	Updated XSD Snippet
intervalStartTime and intervalEndTime:	<pre> <xs:element name="intervalStartTime" type="xs:time"> <xs:annotation> <xs:documentation>Field No. 54 </pre>	<pre> <xs:element name="intervalStartTime" type="ait1:timeRestriction"> <xs:annotation> <xs:documentation>Field No. 54 </pre>

A.7.2 Including an enforcement of the applicable pattern in regards to the local time zone in the element corresponding to Data Field No (54) Load delivery intervals, XSD names: loadDeliveryStartTime and loadDeliveryEndTime, XSD type: xs:time. No time zone offset or zoned time (with offset) is required. No milliseconds.

```

Pattern definition: <xs:simpleType name="timeRestriction">
  <xs:restriction base="xs:time">
    <xs:pattern value="(\d{2}{:}\d{2})" />
  </xs:restriction>
</xs:simpleType>

```

Affected elements: loadDeliveryStartTime, loadDeliveryEndTime, intervalStartTime and intervalEndTime (previously from type xs:time)

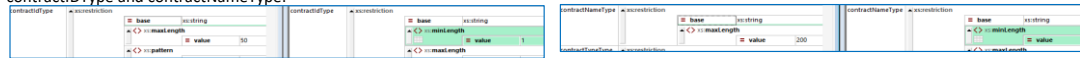
A.7.3 Removing any default values from the mandatory fields in the XML schemas. Only affects Settlement Method

```

<xs:element name="settlementMethod"
  type="ait1:settlementMethodType" default="FPI">
  <xs:annotation>
    <xs:documentation>Field No. 26</xs:documentation>
  </xs:annotation>

```

contractIDType and contractNameType:



extraType:



fixingIndexType:



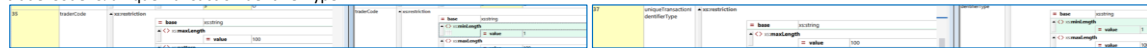
orderIdentifierType:



restrictedString:



traderCode: & uniqueTransactionIdentifierType:

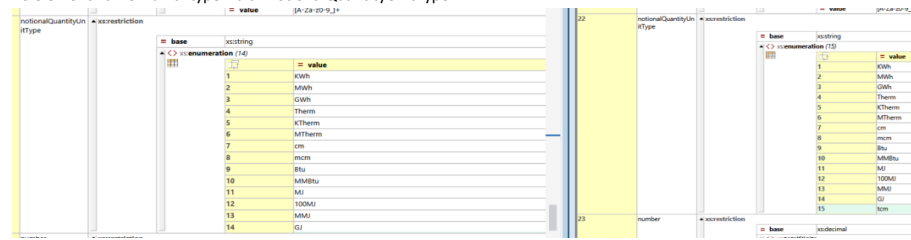


A.7.6 Whenever an element is defined as mandatory and has only maximal length defined, minimal length must be defined too (minimal length=1).

A.2.1 Making the elements corresponding to Data Fields No (44) “Option style” and No (45) “Option type”, XSD names: optionStyle and optionType, mandatory in the schema if the element corresponding to Data Field No (23) Contract type, XSD name contractType, contains one of the following values: OP, OP_FW, OP_FU, OP_SW or OP_SP. This change reflects the current logic of 2 enabled validation rules, 2AODOSR1 and 2AODOTR1. Not technically feasible — will remain validated with VRs

Out of scope

<xs:element name="unit" type="ait1:notionalQuantityUnitType">



Annex C Adding “tcm” (thousand cubic metres) as an allowed unit value in the element corresponding to Data field No (42) Quantity unit, XSD name: unit.

uniqueOrderIdentifier & linkedOrderId:

```

<xs:simpleType name="orderIdentifierType">
  <xs:restriction base="xs:string">
    <xs:maxLength value="100"/>
    <xs:pattern value="[A-Za-z0-9_-]+" />
  </xs:restriction>
</xs:simpleType>
  
```

uniqueTransactionIdentifier:

```

<xs:simpleType name="uniqueTransactionIdentifierType">
  <xs:restriction base="xs:string">
    <xs:maxLength value="100"/>
    <xs:pattern value="[A-Za-z0-9_-]+" />
  </xs:restriction>
</xs:simpleType>
  
```

Update of the UTI value pattern and minLength in order to harmonise values with ESMA's guidance: a change is introduced to avoid values that start with a space, contain only a single space, or end with a trailing space. The same change has been applied to data fields (13) Order ID and (33) Linked Order ID. Update of the namespace to V3 of the schema.

xmlns:ait1	http://www.acer.europa.eu/REMIT/REMITTable1_V2.xsd	xmlns:ait1	http://www.acer.europa.eu/REMIT/REMITTable1_V3.xsd
targetNamespace	http://www.acer.europa.eu/REMIT/REMITTable1_V2.xsd	targetNamespace	http://www.acer.europa.eu/REMIT/REMITTable1_V3.xsd