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<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XMLSpy v2014 rel. 2 sp1 (x64) (http://www.altova.com) by - - (Agency
for the Cooperation of Energy Regulators) -->
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:ait1="http://www.acer.europa.eu/REMIT/REMITTable1_V32.xsd"
targetNamespace="http://www.acer.europa.eu/REMIT/REMITTable1_V32.xsd"
elementFormDefault="qualified">
  <xs:element name="REMITTable1">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="reportingEntityID"
type="ait1:reportingEntityID">
          <xs:annotation>
            <xs:documentation>Field No. 6,
7</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="contractList"
type="ait1:contractListType" minOccurs="0"/>
        <xs:element name="OrderList" type="ait1:OrderListType"
minOccurs="0">
          <xs:unique name="OrderRecordSeqNumber">
            <xs:selector xpath="ait1:OrderReport"/>
            <xs:field xpath="ait1:RecordSeqNumber"/>
          </xs:unique>
        </xs:element>
        <xs:element name="TradeList" type="ait1:TradeListType"
minOccurs="0">
          <xs:unique name="TradeRecordSeqNumber">
            <xs:selector xpath="ait1:TradeReport"/>
            <xs:field xpath="ait1:RecordSeqNumber"/>
          </xs:unique>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:complexType name="annexTable1ContractType">
    <xs:sequence>
      <xs:element name="contractId" type="ait1:contractIdType">
        <xs:annotation>
          <xs:documentation>Field No. 21</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="contractName" type="ait1:contractNameType"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Field No. 22 </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="contractType" type="ait1:contractTypeType">
        <xs:annotation>
          <xs:documentation>Field No. 23</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

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        <xs:element name="energyCommodity"
type="ait1:energyCommodityType" maxOccurs="2">
            <xs:annotation>
                <xs:documentation>Field No. 24</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="indexName"
type="ait1:fixingIndexType" name="fixingIndex" type="ait1:fixingIndexDetails"
minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>Field No. 25</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="settlementMethod"
type="ait1:settlementMethodType" default="P">
            <xs:annotation>
                <xs:documentation>Field No. 26</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="organisedMarketPlaceIdentifier"
type="ait1:organisedMarketPlaceType">
            <xs:annotation>
                <xs:documentation>Field No. 27</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="contractTradingHours"
type="ait1:contractTradingHoursType" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>Field No. 28</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="lastTradingDateTime"
type="ait1:dateTimeRestriction" type="xs:dateTime" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Field No. 29</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="optionDetails" type="ait1:optionDetails"
minOccurs="0">
            <xs:annotation>
                <xs:documentation>Fields No. 44, 45, 46 and
47</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="deliveryPointOrZone" type="ait1:eic"
maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>Field No. 48</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="deliveryStartDate" type="xs:date">
            <xs:annotation>
                <xs:documentation>Field No. 49</xs:documentation>
            </xs:annotation>
        </xs:element>

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        <xs:element name="deliveryEndDate" type="xs:date">
            <xs:annotation>
                <xs:documentation>Field No. 50</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="duration" type="ait1:durationType"
minOccurs="0">
            <xs:annotation>
                <xs:documentation>Field No. 51</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="loadType" type="ait1:contractLoadType"
minOccurs="0">
            <xs:annotation>
                <xs:documentation>Field No. 52</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="deliveryProfile"
type="ait1:deliveryProfileDetails" maxOccurs="unbounded"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="annexTable10Order">
    <xs:sequence>
        <xs:element name="RecordSeqNumber"
type="ait1:RecordSeqNumberType"/>
        <xs:element name="idOfMarketParticipant"
type="ait1:participantType">
            <xs:annotation>
                <xs:documentation>Field No. 1, Field No. 2
            </xs:documentation>
        </xs:annotation>
        </xs:element>
        <xs:element name="traderID" type="ait1:traderIDType">
            <xs:annotation>
                <xs:documentation>Field No 3</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="beneficiaryIdentification"
type="ait1:participantType" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Field No. 8,Field No.
9</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="tradingCapacity"
type="ait1:tradingCapacityType">
            <xs:annotation>
                <xs:documentation>Field No. 10</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="buySellIndicator"
type="ait1:buySellIndicatorType">
            <xs:annotation>
                <xs:documentation>Field No. 11</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>

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</xs:element>
<xs:element name="orderId" type="ait1:orderIdType">
  <xs:annotation>
    <xs:documentation>Field No. 13</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="orderType" type="ait1:orderTypesType">
  <xs:annotation>
    <xs:documentation>Field No. 14</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="orderCondition" type="ait1:orderConditionsType"
minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Field No. 15</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="orderStatus" type="ait1:orderStatusType"
minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Field No. 16</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="minimumExecuteVolume" type="ait1:quantityType"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Field No. 17</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="triggerDetails" type="ait1:triggerDetailsType"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Field No. 18</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="undisclosedVolume" type="ait1:quantityType"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Field No. 19</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="orderDuration" type="ait1:orderDurationType">
  <xs:annotation>
    <xs:documentation>Field No. 20</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="contractInfo" type="ait1:contractInfoType"/>
<xs:element name="organisedMarketPlaceIdentifier"
type="ait1:organisedMarketPlaceType">
  <xs:annotation>
    <xs:documentation>Field No. 27 </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="transactionTime"
type="ait1:dateTimeRestriction" type="xs:dateTime">

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        <xs:annotation>
            <xs:documentation>Field No. 30</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="originalEntryTime"
type="ait1:dateTimeRestriction" type="xs:dateTime" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Field No. 30</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="linkedOrderId" type="ait1:orderIdIdentifierType"
minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>Field No. 33</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="priceDetails" type="ait1:priceDetailsType"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Field No. 35, 36 and
37</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="fixingIndex" type="ait1:fixingIndexDetails"
minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>Field No. 25, 36 and
37</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="notionalAmountDetails"
type="ait1:notionalAmountDetailsType" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Field No 38 and
39</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="quantity" type="ait1:quantityType"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Field No 40 and
42</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="totalNotionalContractQuantity"
type="ait1:notionalQuantityType" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Field No 41 and
42</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="priceIntervalQuantityDetails"
type="ait1:priceTimeIntervalQuantityDetails" minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>

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                                <xs:documentation>Field No 49, 50 ,53, 54, 55, 56
and 57</xs:documentation>
                                </xs:annotation>
                                </xs:element>
                                <xs:element name="actionType" type="ait1:actionTypesType">
                                    <xs:annotation>
                                        <xs:documentation>Field No. 58</xs:documentation>
                                    </xs:annotation>
                                </xs:element>
                                <xs:element name="Extra" type="ait1:extraType" minOccurs="0"/>
                            </xs:sequence>
                        </xs:complexType>
                        <xs:complexType name="annexTable1Trade">
                            <xs:sequence>
                                <xs:element name="RecordSeqNumber"
type="ait1:RecordSeqNumberType"/>
                                <xs:element name="idOfMarketParticipant"
type="ait1:participantType">
                                    <xs:annotation>
                                        <xs:documentation>Field No. 1, Field No. 2
                                    </xs:documentation>
                                    </xs:annotation>
                                </xs:element>
                                <xs:element name="traderID" type="ait1:traderIDType"
minOccurs="0">
                                    <xs:annotation>
                                        <xs:documentation>Field No 3</xs:documentation>
                                    </xs:annotation>
                                </xs:element>
                                <xs:element name="otherMarketParticipant"
type="ait1:participantType" minOccurs="0">
                                    <xs:annotation>
                                        <xs:documentation>Field No. 4, Field No. 5
                                    </xs:documentation>
                                    </xs:annotation>
                                </xs:element>
                                <xs:element name="beneficiaryIdentification"
type="ait1:participantType" minOccurs="0">
                                    <xs:annotation>
                                        <xs:documentation>Field No. 8,Field No.
9</xs:documentation>
                                    </xs:annotation>
                                </xs:element>
                                <xs:element name="tradingCapacity"
type="ait1:tradingCapacityType">
                                    <xs:annotation>
                                        <xs:documentation>Field No. 10</xs:documentation>
                                    </xs:annotation>
                                </xs:element>
                                <xs:element name="buySellIndicator"
type="ait1:buySellIndicatorType">
                                    <xs:annotation>
                                        <xs:documentation>Field No. 11</xs:documentation>
                                    </xs:annotation>
                                </xs:element>

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        <xs:element name="aggressor" type="ait1:aggressorType"
minOccurs="0">
            <xs:annotation>
                <xs:documentation>Field No. 12</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="clickAndTradeDetails"
type="ait1:clickAndTradeDetailsType" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Optional e.g. to be used for Click
Trade when aggressor doesn't submit an order</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="contractInfo" type="ait1:contractInfoType_1"/>
        <xs:element name="organisedMarketPlaceIdentifier"
type="ait1:organisedMarketPlaceType">
            <xs:annotation>
                <xs:documentation>Field No. 27</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="transactionTime"
type="ait1:dateTimeRestriction" type="xs:dateTime">
            <xs:annotation>
                <xs:documentation>Field No. 30</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="executionTime"
type="ait1:dateTimeRestriction" type="xs:dateTime" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Field No. 30 if different than
transaction time</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="uniqueTransactionIdentifier"
type="ait1:tradeIdType">
            <xs:annotation>
                <xs:documentation>Field No. 31</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="linkedTransactionId"
type="ait1:uniqueTransactionIdentifierType" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>Field No. 32</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="linkedOrderId" type="ait1:orderIdIdentifierType"
minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>Field No. 33</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="voiceBrokered" type="ait1:booleanType"
minOccurs="0">
            <xs:annotation>
                <xs:documentation>Field No. 34</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:complexType>
</xs:schema>

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        </xs:annotation>
      </xs:element>
      <xs:element name="priceDetails" type="ait1:priceDetailsType"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Field No. 35, 36 and
37</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="fixingIndex" type="ait1:fixingIndexDetails"
minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>Field No. 25, 36 and
37</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="notionalAmountDetails"
type="ait1:notionalAmountDetailsType" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Field No 38 and
39</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="quantity" type="ait1:quantityType"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Field No. 40</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="totalNotionalContractQuantity"
type="ait1:notionalQuantityType" minOccurs="1">
        <xs:annotation>
          <xs:documentation>Field No. 41</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="terminationDate"
type="ait1:dateTimeRestriction" type="xs:dateTime" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Field No. 43</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="priceIntervalQuantityDetails"
type="ait1:priceTimeIntervalQuantityDetails" minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>Fields No 53, 54, 55, 56 and 57
</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="actionType" type="ait1:actionTypesType">
        <xs:annotation>
          <xs:documentation>Field No. 58</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Extra" type="ait1:extraType" minOccurs="0"/>

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        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="clickAndTradeDetailsType">
        <xs:sequence>
            <xs:element name="orderType" type="ait1:orderTypesType">
                <xs:annotation>
                    <xs:documentation>Field No. 14</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="orderCondition" type="ait1:orderConditionsType"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>Field No. 15</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="orderStatus" type="ait1:orderStatusType"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>Field No. 16</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="minimumExecuteVolume" type="ait1:quantityType"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Field No. 17</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="triggerDetails" type="ait1:triggerDetailsType"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Field No. 18</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="undisclosedVolume" type="ait1:quantityType"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Field No. 19</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="orderDuration" type="ait1:orderDurationType"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Field No. 20</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="contractInfoType">
        <xs:choice>
            <xs:sequence>
                <xs:element name="contractId" type="ait1:contractIdType">
                    <xs:annotation>
                        <xs:documentation>Field No.
21</xs:documentation>
                    </xs:annotation>

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                </xs:element>
                <xs:element name="legContractId"
type="ait1:legContractIdType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>Field No.
21</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
            <xs:sequence>
                <xs:element name="contract"
type="ait1:annexTable1ContractType">
                    <xs:annotation>
                        <xs:documentation>Field No.
21</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
            <xs:element name="legContract" type="ait1:legContract"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>Field No.
21</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:choice>
</xs:complexType>
<xs:complexType name="contractInfoType_1">
    <xs:choice>
        <xs:element name="contractId" type="ait1:contractIdType">
            <xs:annotation>
                <xs:documentation>Field No. 21</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="contract" type="ait1:annexTable1ContractType">
            <xs:annotation>
                <xs:documentation>Field No. 21</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:choice>
</xs:complexType>
<xs:complexType name="contractListType">
    <xs:sequence>
        <xs:element name="contract" type="ait1:annexTable1ContractType"
maxOccurs="unbounded"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="contractTradingHoursType">
    <xs:sequence>
        <xs:element name="startTime" type="xs:time"/>
        <xs:element name="endTime" type="xs:time"/>
        <xs:element name="date" type="xs:date" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="deliveryProfileDetails">

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        <xs:sequence>
            <xs:element name="loadDeliveryStartDate" type="xs:date"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Field No. 49</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="loadDeliveryEndDate" type="xs:date"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Field No. 50</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="daysOfTheWeek" type="ait1:daysOfTheWeekType"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>Field No. 53</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:sequence maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>Field No. 54</xs:documentation>
                </xs:annotation>
                <xs:element name="loadDeliveryStartTime"
type="ait1:timeRestriction" type="xs:time">
                    <xs:annotation>
                        <xs:documentation>Field No.
54</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="loadDeliveryEndTime"
type="ait1:timeRestriction" type="xs:time">
                    <xs:annotation>
                        <xs:documentation>Field No.
54</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="fixingIndexDetails">
        <xs:sequence>
            <xs:element name="indexName" type="ait1:fixingIndexType"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Field No. 25</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="indexCurrValue" name="indexValue"
type="ait1:number" minOccurs="0" maxOccurs="unbounded"
type="ait1:indexCurrValueType"/>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="indexCurrValueType">
        <xs:sequence>

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        <xs:element name="indexValue" type="ait1:number">
            <xs:annotation>
                <xs:documentation>Field No. 36</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="indexCurrency" type="ait1:currencyCodeType"
minOccurs="0">
            <xs:annotation>
                <xs:documentation>Field No. 37</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:annotation>
    <xs:documentation/>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="intervalQuantityType">
    <xs:sequence>
        <xs:element name="quantity" type="ait1:number"/>
        <xs:element name="unit" type="ait1:quantityUnitType"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="legContract">
    <xs:sequence>
        <xs:element name="contract" type="ait1:annexTable1ContractType"/>
        <xs:element name="buySellIndicator"
type="ait1:buySellIndicatorType"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="legContractIdType">
    <xs:sequence>
        <xs:element name="contractId" type="ait1:contractIdType">
            <xs:annotation>
                <xs:documentation>Field No. 21</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="buySellIndicator"
type="ait1:buySellIndicatorType"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="notionalAmountDetailsType">
    <xs:sequence>
        <xs:element name="notionalAmount" type="ait1:number">
            <xs:annotation>
                <xs:documentation>Field No. 38</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="notionalCurrency" type="ait1:currencyCodeType">
            <xs:annotation>
                <xs:documentation>Field No. 39</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>

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        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="notionalQuantityType">
        <xs:sequence>
            <xs:element name="value" type="ait1:number"/>
            <xs:element name="unit" type="ait1:notionalQuantityUnitType">
                <xs:annotation>
                    <xs:documentation>Field No 42 for
41</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="optionDetails">
        <xs:sequence>
            <xs:element name="optionStyle" type="ait1:optionStyleType">
                <xs:annotation>
                    <xs:documentation>Field No. 44</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="optionType" type="ait1:optionTypeType">
                <xs:annotation>
                    <xs:documentation>Field No. 45</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="optionExerciseDate" type="xs:date"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>Field No. 46</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="optionStrikePrice" type="ait1:priceType"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Field No. 47</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="orderDurationType">
        <xs:sequence>
            <xs:element name="duration" type="ait1:orderDurationsType"/>
            <xs:element name="expirationDateTime"
type="ait1:dateTimeRestriction" type="xs:dateTime" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="orderIdType">
        <xs:sequence>
            <xs:element name="uniqueOrderIdentifier"
type="ait1:orderIdentifierType">
                <xs:annotation>
                    <xs:documentation>Field No. 13</xs:documentation>
                </xs:annotation>
            </xs:element>

```

```

                <xs:element name="previousOrderIdentifier"
type="ait1:orderIdentifierType" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Field No. 13 - Previous Order
ID</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="OrderListType">
            <xs:sequence>
                <xs:element name="OrderReport" type="ait1:annexTable10Order"
maxOccurs="unbounded"/>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="organisedMarketPlaceType">
            <xs:choice>
                <xs:element name="lei" type="ait1:lei"/>
                <xs:element name="mic" type="ait1:mic"/>
                <xs:element name="ace" type="ait1:ace"/>
                <xs:element name="bil" type="ait1:bil"/>
            </xs:choice>
        </xs:complexType>
        <xs:complexType name="participantType">
            <xs:choice>
                <xs:element name="ace" type="ait1:ace"/>
                <xs:element name="lei" type="ait1:lei"/>
                <xs:element name="bic" type="ait1:bic"/>
                <xs:element name="eic" type="ait1:eic"/>
                <xs:element name="gln" type="ait1:gln"/>
            </xs:choice>
        </xs:complexType>
        <xs:complexType name="priceDetailsType">
            <xs:sequence>
                <xs:element name="price" type="ait1:number">
                    <xs:annotation>
                        <xs:documentation>Field No. 35</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="priceCurrency" type="ait1:currencyCodeType">
                    <xs:annotation>
                        <xs:documentation>Field No. 37</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="priceTimeIntervalQuantityDetails">
            <xs:sequence>
                <xs:element name="intervalStartDate" type="xs:date"
minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Field No. 49</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="intervalEndDate" type="xs:date" minOccurs="0">

```

```

        <xs:annotation>
            <xs:documentation>Field No. 50</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="daysOfTheWeek" type="ait1:daysOfTheWeekType"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Field 53</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:sequence maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>Field No. 54</xs:documentation>
        </xs:annotation>
        <xs:element name="intervalStartTime"
type="ait1:timeRestriction" type="xs:time">
            <xs:annotation>
                <xs:documentation>Field No.
54</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="intervalEndTime"
type="ait1:timeRestriction" type="xs:time">
            <xs:annotation>
                <xs:documentation>Field No.
54</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="quantity" type="ait1:number">
            <xs:annotation>
                <xs:documentation>Field No.
55</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="unit" type="ait1:quantityUnitType">
            <xs:annotation>
                <xs:documentation>Field No.
56</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
    <xs:element name="priceTimeIntervalQuantity"
type="ait1:priceType" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Field 57</xs:documentation>
        </xs:annotation>
    </xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="priceType">
    <xs:sequence>
        <xs:element name="value" type="ait1:number"/>
        <xs:element name="currency" type="ait1:currencyCodeType"/>

```

```

        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="quantityType">
        <xs:sequence>
            <xs:element name="value" type="ait1:number"/>
            <xs:element name="unit" type="ait1:quantityUnitType">
                <xs:annotation>
                    <xs:documentation>Field No 42 for
40</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="reportingEntityID">
        <xs:choice>
            <xs:element name="ace" type="ait1:ace"/>
            <xs:element name="lei" type="ait1:lei"/>
            <xs:element name="bic" type="ait1:bic"/>
            <xs:element name="eic" type="ait1:eic"/>
            <xs:element name="gln" type="ait1:gln"/>
        </xs:choice>
    </xs:complexType>
    <xs:complexType name="tradeIdType">
        <xs:sequence>
            <xs:element name="uniqueTransactionIdentifier"
type="ait1:uniqueTransactionIdentifierType">
                <xs:annotation>
                    <xs:documentation>Field No. 31</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="additionalUtilInfo"
type="ait1:uniqueTransactionIdentifierType" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Field No. 31</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="TradeListType">
        <xs:sequence>
            <xs:element name="TradeReport" type="ait1:annexTable1Trade"
maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="traderIDType">
        <xs:choice>
            <xs:element name="traderIdForOrganisedMarket"
type="ait1:traderCode">
                <xs:annotation>
                    <xs:documentation>Field No. 3a</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="traderIdForMarketParticipant"
type="ait1:traderCode">
                <xs:annotation>

```



```

        <xs:documentation>Field No. 3b</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:choice>
</xs:complexType>
<xs:complexType name="triggerDetailsType">
  <xs:sequence>
    <xs:element name="priceLimit" type="ait1:priceType">
      <xs:annotation>
        <xs:documentation>Field No. 18</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="triggerContractId" type="ait1:contractIdType"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>Contract ID of different contract
(triggering contract)</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
<xs:simpleType name="ace">
  <xs:restriction base="xs:string">
    <xs:maxLength value="12"/>
    <xs:minLength value="12"/>
    <xs:pattern value="[A-Za-z0-9_]+\.[A-Z][A-Z]"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="actionTypesType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="N"/>
    <xs:enumeration value="M"/>
    <xs:enumeration value="E"/>
    <xs:enumeration value="C"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="aggressorType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="A"/>
    <xs:enumeration value="I"/>
    <xs:enumeration value="S"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="bic">
  <xs:restriction base="xs:string">
    <xs:maxLength value="11"/>
    <xs:minLength value="11"/>
    <xs:pattern value="[A-Za-z0-9_]+"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="bil">
  <xs:restriction base="xs:string">
    <xs:enumeration value="XBIL"/>
  </xs:restriction>
</xs:simpleType>

```

```

<xs:simpleType name="booleanType">
  <xs:restriction base="xs:string">
    <xs:pattern value="(true)|(Y)|(false)|(N)"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="buySellIndicatorType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="B"/>
    <xs:enumeration value="S"/>
    <xs:enumeration value="C"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="contractIdType">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="50"/>
    <xs:pattern value="[A-Za-z0-9_-]+"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="contractLoadType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="BL"/>
    <xs:enumeration value="PL"/>
    <xs:enumeration value="OP"/>
    <xs:enumeration value="BH"/>
    <xs:enumeration value="SH"/>
    <xs:enumeration value="GD"/>
    <xs:enumeration value="OT"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="contractNameType">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="200"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="contractTypeType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="AU"/>
    <xs:enumeration value="CO"/>
    <xs:enumeration value="FW"/>
    <xs:enumeration value="FU"/>
    <xs:enumeration value="OP"/>
    <xs:enumeration value="OP_FW"/>
    <xs:enumeration value="OP_FU"/>
    <xs:enumeration value="OP_SW"/>
    <xs:enumeration value="SP"/>
    <xs:enumeration value="SW"/>
    <xs:enumeration value="OT"/>
    <xs:enumeration value="OP SP"/>
    <xs:enumeration value="SWG"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="currencyCodeType">
  <xs:restriction base="xs:string">

```

```

        <xs:enumeration value="BGN"/>
        <xs:enumeration value="CHF"/>
        <xs:enumeration value="CZK"/>
        <xs:enumeration value="DKK"/>
        <xs:enumeration value="EUR"/>
        <xs:enumeration value="EUX"/>
        <xs:enumeration value="GBX"/>
        <xs:enumeration value="GBP"/>
        <xs:enumeration value="HRK"/>
        <xs:enumeration value="HUF"/>
        <xs:enumeration value="ISK"/>
        <xs:enumeration value="NOK"/>
        <xs:enumeration value="PCT"/>
        <xs:enumeration value="PLN"/>
        <xs:enumeration value="RON"/>
        <xs:enumeration value="SEK"/>
        <xs:enumeration value="USD"/>
        <xs:enumeration value="OTH"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="daysOfTheWeekType">
    <xs:restriction base="xs:string">
        <xs:pattern
value="((SU|MO|TU|WE|TH|FR|SA)to(SU|MO|TU|WE|TH|FR|SA))|(SU|MO|TU|WE|TH|FR|SA|XB|IB|W
D|WN)"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="durationType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="N"/>
        <xs:enumeration value="H"/>
        <xs:enumeration value="D"/>
        <xs:enumeration value="W"/>
        <xs:enumeration value="M"/>
        <xs:enumeration value="Q"/>
        <xs:enumeration value="S"/>
        <xs:enumeration value="Y"/>
        <xs:enumeration value="O"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="eic">
    <xs:restriction base="xs:string">
        <xs:maxLength value="16"/>
        <xs:minLength value="16"/>
        <xs:pattern value="[0-9][0-9][XYZTWV].+"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="energyCommodityType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="EL"/>
        <xs:enumeration value="NG"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="extraType">
    <xs:restriction base="xs:string">

```

```

        <xs:minLength value="1"/>
        <xs:maxLength value="1000"/>
        <xs:pattern
value="((\w+==((\d+\. \d+)|(\d+)|(\w+)))|(\w+==((\d+\. \d+)|(\d+)|(\w+))))*)"/>value="
((\w+==((\d+\. \d+)|(\d+)|(\w+)))|(\w+==((\d+\. \d+)|(\d+)|(\w+))))"/>
        </xs:restriction>
    </xs:simpleType>
    <xs:simpleType name="fixingIndexType">
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="150"/>
            <xs:pattern value="[A-Za-z0-9_ -] +"/>
        </xs:restriction>
    </xs:simpleType>
    <xs:simpleType name="gln">
        <xs:restriction base="xs:string">
            <xs:maxLength value="13"/>
            <xs:minLength value="13"/>
            <xs:pattern value="[A-Za-z0-9_ -] +"/>
        </xs:restriction>
    </xs:simpleType>
    <xs:simpleType name="lei">
        <xs:restriction base="xs:string">
            <xs:maxLength value="20"/>
            <xs:minLength value="20"/>
            <xs:pattern value="[A-Za-z0-9_ -] +"/>
        </xs:restriction>
    </xs:simpleType>
    <xs:simpleType name="mic">
        <xs:restriction base="xs:string">
            <xs:maxLength value="4"/>
            <xs:minLength value="4"/>
            <xs:pattern value="[A-Za-z0-9_ -] +"/>
        </xs:restriction>
    </xs:simpleType>
    <xs:simpleType name="notionalQuantityUnitType">
        <xs:restriction base="xs:string">
            <xs:enumeration value="KWh"/>
            <xs:enumeration value="MWh"/>
            <xs:enumeration value="GWh"/>
            <xs:enumeration value="Therm"/>
            <xs:enumeration value="KTherm"/>
            <xs:enumeration value="MTherm"/>
            <xs:enumeration value="cm"/>
            <xs:enumeration value="mcm"/>
            <xs:enumeration value="Btu"/>
            <xs:enumeration value="MMBtu"/>
            <xs:enumeration value="MJ"/>
            <xs:enumeration value="100MJ"/>
            <xs:enumeration value="MMJ"/>
            <xs:enumeration value="GJ"/>
            <xs:enumeration value="tcm"/>
        </xs:restriction>
    </xs:simpleType>
    <!-- Added as improvement CSD-41101-->
    </xs:restriction>
</xs:simpleType>

```

```

<xs:simpleType name="number">
  <xs:restriction base="xs:decimal">
    <xs:totalDigits value="20"/>
    <xs:fractionDigits value="5"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="optionStyleType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="A"/>
    <xs:enumeration value="B"/>
    <xs:enumeration value="E"/>
    <xs:enumeration value="S"/>
    <xs:enumeration value="O"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="optionTypeType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="C"/>
    <xs:enumeration value="P"/>
    <xs:enumeration value="O"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="orderConditionsType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="AON"/>
    <xs:enumeration value="FAF"/>
    <xs:enumeration value="FAK"/>
    <xs:enumeration value="FOK"/>
    <xs:enumeration value="HVO"/>
    <xs:enumeration value="MEV"/>
    <xs:enumeration value="OCO"/>
    <xs:enumeration value="PRE"/>
    <xs:enumeration value="PRI"/>
    <xs:enumeration value="PTR"/>
    <xs:enumeration value="SLO"/>
    <xs:enumeration value="OTH"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="orderDurationsType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="DAY"/>
    <xs:enumeration value="GTC"/>
    <xs:enumeration value="GTD"/>
    <xs:enumeration value="GTT"/>
    <xs:enumeration value="SES"/>
    <xs:enumeration value="OTH"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="orderIdentifierType">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="100"/>
    <xs:pattern value="[A-Za-z0-9 -]([A-Za-z0-9 -]*[A-Za-z0-9 -])?"
value="[A-Za-z0-9_]+"/>
  </xs:restriction>

```

```

</xs:simpleType>
<xs:simpleType name="orderStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="ACT"/>
    <xs:enumeration value="COV"/>
    <xs:enumeration value="EXP"/>
    <xs:enumeration value="MAC"/>
    <xs:enumeration value="PMA"/>
    <xs:enumeration value="REF"/>
    <xs:enumeration value="SUS"/>
    <xs:enumeration value="WIT"/>
    <xs:enumeration value="OTH"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="orderTypesType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="BLO"/>
    <xs:enumeration value="CON"/>
    <xs:enumeration value="COM"/>
    <xs:enumeration value="EXC"/>
    <xs:enumeration value="FHR"/>
    <xs:enumeration value="IOI"/>
    <xs:enumeration value="LIM"/>
    <xs:enumeration value="LIN"/>
    <xs:enumeration value="LIS"/>
    <xs:enumeration value="MAR"/>
    <xs:enumeration value="MTL"/>
    <xs:enumeration value="SMA"/>
    <xs:enumeration value="SPR"/>
    <xs:enumeration value="STP"/>
    <xs:enumeration value="VBL"/>
    <xs:enumeration value="OTH"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="quantityUnitType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="KW"/>
    <xs:enumeration value="KWh/h"/>
    <xs:enumeration value="KWh/d"/>
    <xs:enumeration value="MW"/>
    <xs:enumeration value="MWh/h"/>
    <xs:enumeration value="MWh/d"/>
    <xs:enumeration value="GW"/>
    <xs:enumeration value="GWh/h"/>
    <xs:enumeration value="GWh/d"/>
    <xs:enumeration value="Therm/d"/>
    <xs:enumeration value="KTherm/d"/>
    <xs:enumeration value="MTherm/d"/>
    <xs:enumeration value="cm/d"/>
    <xs:enumeration value="mcm/d"/>
    <xs:enumeration value="Btu/d"/>
    <xs:enumeration value="MMBtu/d"/>
    <xs:enumeration value="MJ/d"/>
    <xs:enumeration value="100MJ/d"/>
    <xs:enumeration value="MMJ/d"/>
  </xs:restriction>
</xs:simpleType>

```

```

        <xs:enumeration value="GJ/d"/>
        <xs:enumeration value="tcm/d"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="RecordSeqNumberType">
    <xs:restriction base="xs:integer">
        <xs:minInclusive value="1"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="restrictedString">
    <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="100"/>
        <xs:pattern value="[A-Za-z0-9_ ]+"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="settlementMethodType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="P"/>
        <xs:enumeration value="C"/>
        <xs:enumeration value="O"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="traderCode">
    <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="100"/>
        <xs:pattern value="[A-Za-z0-9_ -]"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="tradingCapacityType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="P"/>
        <xs:enumeration value="A"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="uniqueTransactionIdentifierType">
    <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="100"/>
        <xs:pattern value="[A-Za-z0-9 -]([A-Za-z0-9 -]*[A-Za-z0-9 -
])?"value="[A-Za-z0-9_ ]"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="dateTimeRestriction">
    <xs:restriction base="xs:dateTime">
        <xs:pattern value="\d{4}(-
\d{2}){2}T(\d{2}:\d{2}(\.\d{1,})?(Z|[-+]\d{2}:\d{2}))/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="timeRestriction">
    <xs:restriction base="xs:time">
        <xs:pattern value="(\d{2}:\d{2})"/>
    </xs:restriction>
</xs:simpleType>

```

</xs:schema>