MERCATO XBID APPLICAZIONE LTS_NS Implementation Guide (ESEMPI E FILE SCHEMA)

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1 TRANSAZIONI XML MESSE A DISPOSIZIONE DEGLI OPERATORI

1.1 LTSAwardWarranty

```
<?xml version="1.0" encoding="iso-8859-1"?>
                                         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
<Message
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageType="Request" MessageDate="2024-09-30"
MessageTime="11:53:05.2578336Z" xmlns="urn:XML-LTS">
 <Header>
  <Sender>
   <CompanyName>Operatore_1</CompanyName>
   <UserMsgCode>USER_1</UserMsgCode>
   <OperatorMsgCode>OEXXXXX</OperatorMsgCode>
  </Sender>
  <Receiver>
   <OperatorMsgCode>IDGME</OperatorMsgCode>
  </Receiver>
 </Header>
 <Transaction>
  <AwardWarranty>
   <OperatorCode>OEXXXXX</OperatorCode>
   <TradingDate>2024-09-23</TradingDate>
   <FlowDate>2024-09-23</FlowDate>
   <Amount>1000</Amount>
  </AwardWarranty>
 </Transaction>
</Message>
```

1.2 BidSubmittal (Orario)

```
<?xml version="1.0" encoding="iso-8859-1"?>
                                         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
<Message
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageType="Request" MessageDate="2024-09-30"
MessageTime="14:31:57.2920689Z" xmlns="urn:XML-LTS">
 <Header>
  <Sender>
   <CompanyName>Operatore 1</CompanyName>
   <UserMsgCode>user</UserMsgCode>
   <OperatorMsgCode>OEXXXXX</OperatorMsgCode>
  </Sender>
  <Receiver>
   <OperatorMsgCode>IDGME</OperatorMsgCode>
  </Receiver>
 </Header>
 <Transaction>
  <Offer>
   <OperatorCode>OEXXXXX</OperatorCode>
   <FlowDate>2024-09-30</FlowDate>
   <ZoneCode>NORD</ZoneCode>
   <UnitId>UNIT 1</UnitId>
   <Interval type="FH">9</Interval>
   <Purpose>S</Purpose>
   <Status>A</Status>
   <ExpiryTime>2024-10-02T23:00:00Z</ExpiryTime>
   <Qty>1</Qty>
   <Price>1</Price>
  </Offer>
 </Transaction>
</Message>
```

1.2 BidSubmittal (Quartorario)

```
<?xml version="1.0" encoding="iso-8859-1"?>
<Message
                                         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageType="Request" MessageDate="2024-09-30"
MessageTime="14:31:57.2920689Z" xmlns="urn:XML-LTS">
 <Header>
  <Sender>
   <CompanyName>Operatore_1</CompanyName>
   <UserMsgCode>user</UserMsgCode>
   <OperatorMsgCode>OEXXXXX</OperatorMsgCode>
  </Sender>
  <Receiver>
   <OperatorMsgCode>IDGME</OperatorMsgCode>
  </Receiver>
 </Header>
 <Transaction>
  <Offer>
   <OperatorCode>OEXXXXX</OperatorCode>
   <FlowDate>2024-09-30</FlowDate>
   <ZoneCode>NORD</ZoneCode>
   <UnitId>UNIT_1</UnitId>
   <Interval type="QH">49</Interval>
   <Purpose>S</Purpose>
   <Status>A</Status>
   <ExpiryTime>2024-10-02T23:00:00Z</ExpiryTime>
   <Qty>1</Qty>
   <Price>1</Price>
  </Offer>
 </Transaction>
</Message>
```

1.2 BidSubmittal (Mezzorario)

```
<?xml version="1.0" encoding="iso-8859-1"?>
<Message
                                          xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageType="Request" MessageDate="2024-09-30"
MessageTime="14:31:57.2920689Z" xmlns="urn:XML-LTS">
 <Header>
  <Sender>
   <CompanyName>Operatore_1</CompanyName>
   <UserMsgCode>user</UserMsgCode>
   <OperatorMsgCode>OEXXXXX</OperatorMsgCode>
  </Sender>
  <Receiver>
   <OperatorMsgCode>IDGME</OperatorMsgCode>
  </Receiver>
 </Header>
 <Transaction>
  <Offer>
   <OperatorCode>OEXXXXX</OperatorCode>
   <FlowDate>2024-09-30</FlowDate>
   <ZoneCode>NORD</ZoneCode>
   <UnitId>UNIT_1</UnitId>
   <Interval type="HH">26</Interval>
   <Purpose>S</Purpose>
   <Status>A</Status>
   <ExpiryTime>2024-10-02T23:00:00Z</ExpiryTime>
   <Qty>1</Qty>
   <Price>1</Price>
  </Offer>
 </Transaction>
</Message>
```

1.3 BidSubmittal (Basket - Offer submission) (Orario)

<?xml version="1.0" encoding="iso-8859-1"?>

```
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
<Message
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageType="Request" MessageDate="2024-09-30"
MessageTime="14:38:25.1740168Z" xmlns="urn:XML-LTS">
 <Header>
  <Sender>
   <CompanyName>OEXXXXX</CompanyName>
   <UserMsgCode>user</UserMsgCode>
   <OperatorMsgCode>OEXXXXX</OperatorMsgCode>
  </Sender>
  <Receiver>
   <OperatorMsgCode>IDGME</OperatorMsgCode>
  </Receiver>
 </Header>
 <Transaction>
  <OffersBasket>
   <Execution>None</Execution>
   <Offers>
    <Offers>
     <OperatorCode>OEXXXXX</OperatorCode>
     <FlowDate>2024-09-30</FlowDate>
     <ZoneCode>NORD</ZoneCode>
     <UnitId>UNIT_1</UnitId>
     <Interval type="FH">9</Interval>
     <Purpose>S</Purpose>
     <Status>A</Status>
     <ExpiryTime>2024-10-02T23:00:00Z</ExpiryTime>
     <Qty>1</Qty>
     <Price>1</Price>
    </Offers>
    <Offers>
     <OperatorCode>OEXXXXX</OperatorCode>
     <FlowDate>2024-09-30</FlowDate>
     <ZoneCode>NORD</ZoneCode>
     <UnitId>UNIT 1</UnitId>
     <Interval type="FH">9</Interval>
     <Purpose>S</Purpose>
     <Status>A</Status>
```

1.4 BidSubmittal (Basket - Offer submission) (Quartorario)

```
<?xml version="1.0" encoding="iso-8859-1"?>
                                         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
<Message
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageType="Request" MessageDate="2024-09-30"
MessageTime="14:38:25.1740168Z" xmlns="urn:XML-LTS">
 <Header>
  <Sender>
   <CompanyName>OEXXXXX</CompanyName>
   <UserMsgCode>user</UserMsgCode>
   <OperatorMsgCode>OEXXXXX</OperatorMsgCode>
  </Sender>
  <Receiver>
   <OperatorMsgCode>IDGME</OperatorMsgCode>
  </Receiver>
 </Header>
 <Transaction>
  <OffersBasket>
   <Execution>None</Execution>
   <Offers>
    <Offers>
     <OperatorCode>OEXXXXX</OperatorCode>
     <FlowDate>2024-09-30</FlowDate>
     <ZoneCode>NORD</ZoneCode>
```

```
<UnitId>UNIT_1</UnitId>
     <Interval type="QH">49</Interval>
     <Purpose>S</Purpose>
     <Status>A</Status>
     <ExpiryTime>2024-10-02T23:00:00Z</ExpiryTime>
     <Qty>1</Qty>
     <Price>1</Price>
    </Offers>
    <Offers>
     <OperatorCode>OEXXXXX</OperatorCode>
     <FlowDate>2024-09-30</FlowDate>
     <ZoneCode>NORD</ZoneCode>
     <UnitId>UNIT_1</UnitId>
     <Interval type="QH">49</Interval>
     <Purpose>S</Purpose>
     <Status>A</Status>
     <ExpiryTime>2024-09-30T23:00:00Z</ExpiryTime>
     <Qty>2</Qty>
     <Price>2</Price>
    </Offers>
   </Offers>
  </OffersBasket>
</Transaction>
</Message>
```

1.5 BidSubmittal (Basket - Offer submission) (Mezzorario)

```
<?xml version="1.0" encoding="iso-8859-1"?>
<Message
                                         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageType="Request" MessageDate="2024-09-30"
MessageTime="14:38:25.1740168Z" xmlns="urn:XML-LTS">
<Header>
  <Sender>
   <CompanyName>OEXXXXX</CompanyName>
   <UserMsgCode>user</UserMsgCode>
   <OperatorMsgCode>OEXXXXX</OperatorMsgCode>
  </Sender>
  <Receiver>
   <OperatorMsgCode>IDGME</OperatorMsgCode>
  </Receiver>
 </Header>
 <Transaction>
  <OffersBasket>
   <Execution>None</Execution>
   <Offers>
    <Offers>
     <OperatorCode>OEXXXXX</OperatorCode>
     <FlowDate>2024-09-30</FlowDate>
     <ZoneCode>NORD</ZoneCode>
     <UnitId>UNIT_1</UnitId>
     <Interval type="HH">29</Interval>
     <Purpose>S</Purpose>
     <Status>A</Status>
     <ExpiryTime>2024-10-02T23:00:00Z</ExpiryTime>
     <Qty>1</Qty>
     <Price>1</Price>
    </Offers>
    <Offers>
     <OperatorCode>OEXXXXX</OperatorCode>
     <FlowDate>2024-09-30</FlowDate>
     <ZoneCode>NORD</ZoneCode>
```

```
<UnitId>UNIT_1</UnitId>
<Interval type="HH">29</Interval>
<Purpose>S</Purpose>
<Status>A</Status>
<ExpiryTime>2024-09-30T23:00:00Z</ExpiryTime>
<Qty>2</Qty>
<Price>2</Price>
</Offers>
</Offers>
</OffersBasket>
</Transaction>
</Message>
```

1.6 BidSubmittal (Basket - Offer modification) (Orario)

```
<?xml version="1.0" encoding="iso-8859-1"?>
                                          xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
<Message
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageType="Request" MessageDate="2020-12-21"
MessageTime="15:06:46.2078842Z" xmlns="urn:XML-LTS">
 <Header>
  <Sender>
   <CompanyName>OEXXXXX</CompanyName>
   <UserMsgCode>user</UserMsgCode>
   <OperatorMsgCode>OEXXXXX</OperatorMsgCode>
  </Sender>
  <Receiver>
   <OperatorMsgCode>IDGME</OperatorMsgCode>
  </Receiver>
 </Header>
 <Transaction>
  <OffersBasket>
   <Execution>None</Execution>
   <Offers>
    <OffersManagement>
     <OfferId>46165</OfferId>
     <Operation>Edit</Operation>
     <Qty>62,0</Qty>
     <Price>38,0</Price>
    </OffersManagement>
    <OffersManagement>
     <OfferId>46166</OfferId>
     <Operation>Edit</Operation>
     <Qty>27,0</Qty>
     <Price>36,0</Price>
    </OffersManagement>
  </Offers>
  </OffersBasket>
 </Transaction>
</Message>
```

1.7 BidSubmittal (Basket - Offer change status) (Orario/Quartorario/Mezzorario)

```
<?xml version="1.0" encoding="iso-8859-1"?>
                                          xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
<Message
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageType="Request" MessageDate="2020-12-21"
MessageTime="15:06:46.2078842Z" xmlns="urn:XML-LTS">
 <Header>
  <Sender>
   <CompanyName>OEXXXX</CompanyName>
   <UserMsgCode>user</UserMsgCode>
   <OperatorMsgCode>OEXXXX</OperatorMsgCode>
  </Sender>
  <Receiver>
   <OperatorMsgCode>IDGME</OperatorMsgCode>
  </Receiver>
 </Header>
 <Transaction>
  <OffersBasket>
   <Execution>None</Execution>
   <Offers>
   <OffersManagement>
     <OfferId>46165</OfferId>
     <Operation>Hide</Operation>
    </OffersManagement>
    <OffersManagement>
     <OfferId>46166</OfferId>
     <Operation>Hide</Operation>
    </OffersManagement>
   </Offers>
  </OffersBasket>
 </Transaction>
</Message>
```

1.8 OfferManagement (Orario)

```
<?xml version="1.0" encoding="iso-8859-1"?>
<Message
                                         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageType="Request" MessageDate="2020-12-17"
MessageTime="11:41:43.4604890Z" xmlns="urn:XML-LTS">
 <Header>
  <Sender>
   <CompanyName>OEEXXXX</CompanyName>
   <UserMsgCode>user</UserMsgCode>
   <OperatorMsgCode>OEXXXX</OperatorMsgCode>
  </Sender>
  <Receiver>
   <OperatorMsgCode>IDGME</OperatorMsgCode>
  </Receiver>
 </Header>
 <Transaction>
  <OfferManagement>
   <OfferId>46165</OfferId>
   <Operation>Revoke</Operation>
  </OfferManagement>
 </Transaction>
</Message>
```

1.9 Program

```
<?xml version="1.0" encoding="iso-8859-1"?>
<Message xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"</pre>
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageType="Request" MessageDate="2024-10-01"
MessageTime="06:52:44.8179793Z" xmlns="urn:XML-LTS">
 <Header>
  <Sender>
   <CompanyName>OEXXXX</CompanyName>
   <UserMsgCode>user</UserMsgCode>
   <OperatorMsgCode>OEXXXX</OperatorMsgCode>
  </Sender>
  <Receiver>
   <OperatorMsgCode>IDGME</OperatorMsgCode>
  </Receiver>
 </Header>
 <Transaction>
  <Program>
   <OperatorCode>OEXXXX</OperatorCode>
   <FlowDate>2024-10-01</FlowDate>
   <UnitId>UP_UNIT_1</UnitId>
   <Interval>49</Interval>
   <Direction>I</Direction>
   <OperationType>SUB</OperationType>
   <Qty>1</Qty>
  </Program>
 </Transaction>
</Message>
```

1.10 Functional Acknowledgement Positivo

```
<?xml version="1.0" encoding="iso-8859-1"?>
<Message xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"</p>
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageType="Response" MessageDate="2024-10-01"
MessageTime="06:41:08.9271818Z" ResponseReferenceMessageCode="514779"
ResponseMessageStatus="Accepted" xmlns="urn:XML-LTS">
 <Header>
  <Sender>
   <OperatorMsgCode>IDGME</OperatorMsgCode>
  </Sender>
  <Receiver />
 </Header>
 <Transaction>
  <FunctionalAcknowledgement TransactionType="Offer" Status="Accepted" XmlOrder="1"</p>
Refld="46168" />
 </Transaction>
</Message>
```

1.11 Functional Acknowledgement Negativo

```
<?xml version="1.0" encoding="iso-8859-1"?>
<Message xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"</pre>
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageType="Response" MessageDate="2024-10-01"
MessageTime="06:52:49.9047650Z" ResponseReferenceMessageCode="514781"
ResponseMessageStatus="Rejected" xmlns="urn:XML-LTS">
 <Header>
  <Sender>
   <OperatorMsgCode>IDGME</OperatorMsgCode>
  </Sender>
  <Receiver />
 </Header>
 <Transaction>
  <FunctionalAcknowledgement TransactionType="Program" Status="Rejected" XmlOrder="1" Refld="0">
   <RejectInformation>
    <Reason>PROGR07</Reason>
    <ReasonText>Program for this flowdate [01/10/2024] with relevant period [11], cannot be accepted
because out of time [01/10/2024 01:30:00]</ReasonText>
   </RejectInformation>
  </FunctionalAcknowledgement>
 </Transaction>
</Message>
```

2 FILE SCHEMA

2.1 LTSAwardWarranty

2.2 LTSOffer

```
<?xml version="1.0" encoding="iso-8859-1"?>
<schema xmlns="http://www.w3.org/2001/XMLSchema"</p>
    targetNamespace="urn:XML-LTS" xmlns:pd="urn:XML-LTS"
    elementFormDefault="qualified">
  <include schemaLocation="Types.xsd" />
  <include schemaLocation="LTSTypes.xsd" />
  <complexType name="Offer">
    <sequence>
      <element name="OfferId" type="long" minOccurs="0" maxOccurs="1"/>
      <element name="OperatorCode" type="pd:ty16len" minOccurs="1" maxOccurs="1"/>
      <element name="FlowDate" type="date" minOccurs="1" maxOccurs="1"/>
      <element name="ZoneCode" type="pd:ty8len" minOccurs="1" maxOccurs="1"/>
      <element name="UnitId" type="pd:ty16len" minOccurs="1" maxOccurs="1"/>
      <element name="Interval" type="pd:tyOfferIntervalType" minOccurs="1" maxOccurs="1"/>
      <element name="Purpose" type="pd:tyOfferPurpose" minOccurs="1" maxOccurs="1"/>
      <element name="Status" type="pd:tyOfferStatus" minOccurs="1" maxOccurs="1"/>
      <element name="Execution" type="pd:tyOfferExecution" minOccurs="0" maxOccurs="1"</pre>
default="Normal"/>
      <element name="Mode" type="pd:tyOfferMode" minOccurs="0" maxOccurs="1" default="NON"/>
      <element name="ExpiryTime" type="dateTime" minOccurs="0" maxOccurs="1"/>
      <element name="Qty" type="pd:tyQuantity" minOccurs="1" maxOccurs="1"/>
      <element name="Price" minOccurs="0" maxOccurs="1" type="pd:tyPriceSignedTwoDecimals"/>
      <element name="Iceberg" minOccurs="0" maxOccurs="1" type="pd:Iceberg"/>
                     <element name="ExternalNotes" type="pd:ty16len" minOccurs="0"</pre>
maxOccurs="1"/>
    </sequence>
  </complexType>
 <complexType name="Iceberg">
  <sequence>
   <element name="HiddenQty" type="pd:tyQuantity" minOccurs="1" maxOccurs="1"/>
   <element name="DeltaPrice" minOccurs="1" maxOccurs="1" type="pd:tyPriceSignedTwoDecimals"/>
  </sequence>
```

2.3 LTSOfferBasket

```
<?xml version="1.0" encoding="iso-8859-1"?>
<schema xmlns="http://www.w3.org/2001/XMLSchema"</pre>
    targetNamespace="urn:XML-LTS" xmlns:pd="urn:XML-LTS"
    elementFormDefault="qualified">
  <include schemaLocation="Types.xsd" />
  <include schemaLocation="LTSTypes.xsd" />
  <include schemaLocation="LTSOffer.xsd" />
       <include schemaLocation="LTSOfferManagement.xsd" />
  <complexType name="OffersBasket">
    <sequence>
       <element name="BasketId" type="int" minOccurs="0" maxOccurs="1"/>
       <element name="Execution" type="pd:tyOfferBasketExecution" minOccurs="1" maxOccurs="1"</pre>
default="None"/>
        <element name="Offers" minOccurs="0" maxOccurs="1" >
         <complexType>
          <sequence>
           <element name="Offers" type="pd:Offer" minOccurs="0" maxOccurs="unbounded"/>
                                     <element name="OffersManagement"
type="pd:OfferManagement" minOccurs="0" maxOccurs="unbounded"/>
          </sequence>
         </complexType>
        </element>
```

</sequence>
</complexType>
</schema>

2.4 LTSOfferManagement

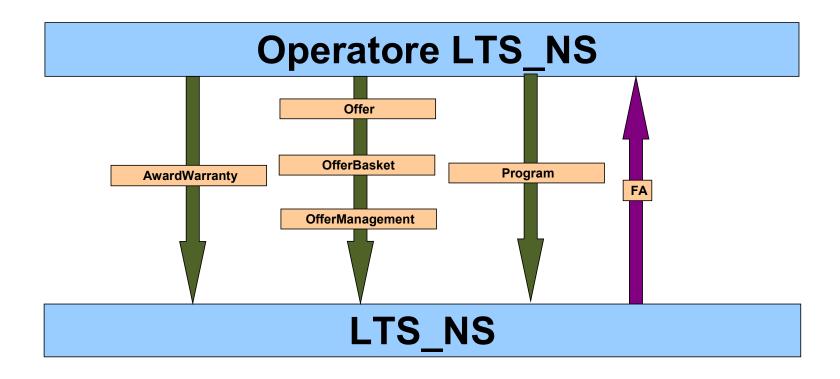
```
<?xml version="1.0" encoding="iso-8859-1"?>
<schema xmlns="http://www.w3.org/2001/XMLSchema"</pre>
    targetNamespace="urn:XML-LTS" xmlns:pd="urn:XML-LTS"
    elementFormDefault="qualified">
  <include schemaLocation="Types.xsd" />
  <include schemaLocation="LTSTypes.xsd" />
  <complexType name="OfferManagement">
    <sequence>
       <!-- Id dell'offerta che si sta modificando -->
       <element name="OfferId" type="long" minOccurs="1" maxOccurs="1"/>
       <element name="Operation" type="pd:tyOfferManagementOperation" minOccurs="1"</pre>
maxOccurs="1"/>
       <!-- Valorizzati se Operazione è Edit -->
       <element name="Qty" type="pd:tyQuantity" minOccurs="0" maxOccurs="1"/>
       <element name="Price" type="pd:tyPriceSignedTwoDecimals" minOccurs="0" maxOccurs="1"/>
       <element name="HiddenQty" type="pd:tyQuantity" minOccurs="0" maxOccurs="1"/>
       <element name="DeltaPrice" type="pd:tyPriceSignedTwoDecimals" minOccurs="0"
maxOccurs="1"/>
       <element name="XbidOrderId" type="long" minOccurs="0" maxOccurs="1" />
       <element name="XbidRevision" type="long" minOccurs="0" maxOccurs="1" />
    </sequence>
  </complexType>
</schema>
```

2.5 LTSProgram

```
<?xml version="1.0" encoding="iso-8859-1"?>
<schema xmlns="http://www.w3.org/2001/XMLSchema"</pre>
    targetNamespace="urn:XML-LTS" xmlns:pd="urn:XML-LTS"
    elementFormDefault="qualified">
<include schemaLocation="Types.xsd" />
<include schemaLocation="LTSTypes.xsd" />
 <complexType name="Program">
  <sequence>
   <element name="OperatorCode" type="pd:ty16len" minOccurs="1" maxOccurs="1"/>
   <element name="FlowDate" type="date" minOccurs="1" maxOccurs="1"/>
   <element name="UnitId" type="pd:ty16len" minOccurs="1" maxOccurs="1"/>
   <element name="Interval" type="pd:tyPeriodIntervalType" minOccurs="1" maxOccurs="1"/>
   <element name="Direction" type="pd:tyProgramDirection" minOccurs="1" maxOccurs="1"/>
   <element name="OperationType" type="pd:tyProgramOperationType" minOccurs="1"</pre>
maxOccurs="1"/>
   <element name="Qty" type="pd:tyQuantityPrg" minOccurs="1" maxOccurs="1"/>
  </sequence>
</complexType>
</schema>
```

2.6 LTSFunctionalAcknoledgment

```
<?xml version="1.0" encoding="iso-8859-1" ?>
<schema
  xmlns="http://www.w3.org/2001/XMLSchema"
  targetNamespace="urn:XML-LTS"
  xmlns:pd="urn:XML-LTS"
  elementFormDefault="qualified">
  <include schemaLocation="BaseMessageTypes.xsd" />
  <include schemaLocation="Types.xsd" />
  <complexType name="FunctionalAcknowledgements">
   <sequence>
    <element ref = "pd:RejectInformation" minOccurs="0" maxOccurs="unbounded"/>
   </sequence>
   <attribute name="TransactionType" type="pd:tyTransactionType" use="optional"/>
   <attribute name="Status" type="pd:tyTransactionStatus" use="required"/>
   <attribute name="MPN" type="string" use="optional"/>
   <attribute name="XmlOrder" type="int" use="required"/>
   <attribute name="Refld" type="long" use="optional"></attribute>
  </complexType>
</schema>
```



			LTSAwardW	Varranty Impler	nentation	Guide for LTS_NS
Element / Attribute names	Attribute / Element	Valid Information in Field (enumeration)	Data Type	Occurances Min/Max	Field Length	Definition
Моссово			Request	1/1	N/A	
Message Version		1.0	<u>'</u>	· ·	N/A	Harting the construction of the LLM construction of the constructi
Version Encoding	A A	1.0 iso-8859-1	N/A N/A	1/1	N/A N/A	Identifies the version of the LtsMessageSchema
xmlns:xsi	A	http://www.w3.org/20 01/XMLSchema- instance	N/A	1/1	N/A	Associates the actual schema instance being used to the name space.
xmlns:xsd	А	http://www.w3.org/20 01/XMLSchema	N/A	1/1	N/A	Defines the schema instance being used.
MessageType	Α	Response	N/A	1/1	N/A	Message Type
MessageDate	A	Valid Date	YYYY-MM-DD	1/1	N/A	Date of the message
MessageTime	A	Valid Time Stamp	HH:MM:SS.1234567Z	1/1	N/A	Time of the message
MessageCode	A	\/A# 1.TO	integer	0/1	N/A	
xmlns	A	urn:XML-LTS	N/A	1/1	N/A	identifies the xml namespace
Header	E	(see Header data structure)	N/A	1/1	N/A	Sender and recipient of the message
Transaction	Е	(see Transaction data structure)	N/A	1 or more	N/A	Transaction Container
Header	E				N/A	
Sender	Е	(see Sender data structure)		1/1	N/A	message sender
Receiver	E	(see Receiver data structure)		1/1	N/A	message receiver
Sender						
CompanyName	Е		N/A	0/1	min=1 max=60	The Name of the Sender
UserMsgCode	E		N/A	0/1	min=1 max=50	The unique identifier for the user who sends
OperatorMsgCode	E		N/A	1/1	min=1 max=16	
Receiver				1/1		
CompanyName	E		N/A	0/1	min=1 max=60	The Name of the Sender
UserMsgCode	E		N/A	0/1	min=1 max=50	The unique identifier for the user who sends
OperatorMsgCode	E		N/A	1/1	min=1 max=16	The unique identifier of the Receiver
Transaction				1 or more		
AwardWarranty	E			1 of more		
Awaruwarranty						
AwardWarranty			N/A		N/A	
OperatorCode	E		string	1/1	min=1 max=16	
TradingDate	E		date	1/1		
FlowDate	E		date	1/1		
Amount	E	^\d{1,18}(,\d{1,3})?\$	string	1/1		

	LTSOffer Implementation Guide for LTS_NS										
Element / Attribute names	Attribute / Element	Valid Information in Field (enumeration)	Data Type	Occurances Min/Max	Field Length						
Macaga			Dogwoot	1/1	N/A						
Message Version	A	1.0	Request N/A	1/1	N/A	Identifies the version of the LtsMessageSchema					
Encoding	A	iso-8859-1	N/A	1/1	N/A	Normalia de Trician de					
xmlns:xsi	A	http://www.w3.org/2001/X MLSchema-instance	N/A	1/1	N/A	Associates the actual schema instance being used to the name space.					
xmlns:xsd MessageType	A A	http://www.w3.org/2001/X MLSchema Response	N/A N/A	1/1	N/A N/A	Defines the schema instance being used. Message Type					
MessageDate	A	Valid Date	YYYY-MM-DD	1/1	N/A	message rype Date of the message					
MessageTime	A	Valid Time Stamp	HH:MM:SS.123456 7Z	1/1	N/A	Time of the message					
MessageCode	A	VML LTO	integer	0/1	N/A	Harris de la constante de la c					
xmlns Header	E E	urn:XML-LTS (see Header data structure)	N/A N/A	1/1	N/A N/A	identifies the xml namespace Sender and recipient of the message					
Transaction	E	(see Transaction data structure)	N/A	1 or more	N/A	Transaction Container					
Header	E				N/A						
Sender	E	(see Sender data structure)		1/1	N/A	message sender					
Receiver	E	(see Receiver data structure)		1/1	N/A	message receiver					
		structure)									
Sender											
CompanyName	E		N/A	0/1	min=1 max=60	The Name of the Sender					
UserMsgCode OperatorMsgCode	E E		N/A N/A	0/1 1/1	min=1 max=50 min=1 max=16	The unique identifier for the user who sends					
OperatorwisqCode	E .		IV/A	1/1	IIIII-I IIIax-10						
Receiver				1/1							
CompanyName	E		N/A	0/1	min=1 max=60	The Name of the Sender					
UserMsgCode OperatorMsgCode	E E		N/A N/A	0/1 1/1	min=1 max=50 min=1 max=16	The unique identifier for the user who sends The unique identifier of the Receiver					
OperatorwisgCode	E		IV/A	1/1	IIIII-I IIIAX-10	The unique trentiner of the Receiver					
Transaction				1 or more							
Offer	E	(see Offer data structure)		1 or more							
Offer	Е										
OfferId	E	N/A	long	0/0	N/A	not used					
OperatorCode	E	N/A	string	1/1	min=1 max=16						
FlowDate	E E	N/A N/A	date string	1/1 1/1	N/A min=1 max=8						
ZoneCode UnitId	E	N/A N/A	string	1/1	min=1 max=8 min=1 max=8						
Interval	Е	(see OfferIntervalType	integer	1/1	min=1 max=100						
Purpose	E	data structure) B,S	string	1/1	N/A						
Status	E	A,H	string	1/1	N/A						
Execution	E	Normal, ExecuteAndDelete,Execut eOrDelete,AllOrNothing	string	0/1	N/A	default="Normal					
Mode	E	GFS, GTD, NON	string	0/1		default="NON"					
ExpiryTime Qty	E E	N/A ^\d{1,3}(,\d{1,3})?	dateTime string	0/1 1/1	N/A N/A						
Price	E	^[-+]?\d{1,6}(,\d{1,2})?\$	string	0/1	N/A						
Iceberg	E	(see Iceberg data structure)	A/N	0/1	N/A						
ExternalNotes	Е	N/A	string	0/1	min=1 max=16						
Iceberg	E										
	E	^\d{1,3}(.\d{1.3})?	string	1/1							
HiddenQty DeltaPrice	E	^\d{1,3}(,\d{1,3})? ^[-+]?\d{1,6}(,\d{1,2})?\$	string	1/1							
OfferInterva											
IType	E										
Туре	A	FH,HH,QH	string	0/1		default="FH"					

		l	_TSOfferBas	sket Implemen	tation Gu	ide for LTS_NS
Element / Attribute names	Attribute / Element	Valid Information in Field (enumeration)	Data Type	Occurances Min/Max	Field Length	Definition
Message			Request	1/1	N/A	
Version	A	1.0	N/A	1/1	N/A	Identifies the version of the LtsMessageSchema
Encoding	A	iso-8859-1 http://www.w3.org/2001/XMLSchema-	N/A	1/1	N/A	
xmlns:xsi	Α	instance	N/A	1/1	N/A	Associates the actual schema instance being used to the name space.
xmlns:xsd	A	http://www.w3.org/2001/XMLSchema	N/A N/A	1/1	N/A	Defines the schema instance being used.
MessageType MessageDate	A	Response Valid Date	YYYY-MM-DD	1/1	N/A N/A	Message Type Date of the message
MessageTime	Α	Valid Time Stamp	HH:MM:SS.1234567Z	1/1	N/A	Time of the message
MessageCode	A	urn:XML-LTS	integer N/A	0/1 1/1	N/A N/A	identifies the xml namespace
xmlns Header	E	(see Header data structure)	N/A N/A	1/1	N/A N/A	Sender and recipient of the message
Transaction	Ē	(see Transaction data structure)	N/A	1 or more	N/A	Transaction Container
Header	E				N/A	
Sender	E	(see Sender data structure)		1/1	N/A	message sender
Receiver	E	(see Receiver data structure)		1/1	N/A	message receiver
Sender	E					
CompanyName	E		N/A	0/1	min=1 max=60	The Name of the Sender
UserMsgCode OperatorMsgCode	E		N/A N/A	0/1 1/1	min=1 max=50 min=1 max=16	The unique identifier for the user who sends
Operatorinisgoode			19/4	17.1	mm- max- ro	
Receiver	E			1/1		
CompanyName	E		N/A	0/1	min=1 max=60	The Name of the Sender
UserMsgCode	E		N/A	0/1	min=1 max=50	The unique identifier for the user who sends
OperatorMsgCode	E		N/A	1/1	min=1 max=16	The unique identifier of the Receiver
Transaction				1 or more		
OffersBasket	E			1 or more		
OffersBasket						
Basketld	E	None, Valid, Link	int	0/1		not used
Execution Offers	E	(see Offers data structure)	string	1/1 0/1		default=None
Officia		(See Offers data structure)		0/1		
Offers	Е				N/A	
Offers		(see Offers data structure)		0 or more		
OfferManagement		(see OfferManagement data structure)		0 or more		
Offers					N/A	
OfferId	E	N/A	long	0/0	N/A	not used
OperatorCode	E	N/A	string	1/1	min=1 max=16	
FlowDate ZoneCode	E	N/A N/A	date string	1/1	N/A min=1 max=8	
Unitld	E	N/A	string	1/1	min=1 max=8	
Interval Durnass	E E	(see OfferIntervalType data structure) B,S	integer	1/1 1/1	min=1 max=100	
Purpose Status	E	B,S A,H	string string	1/1	N/A N/A	
Execution	E	Normal, ExecuteAndDelete,ExecuteOrDelete,All	string	0/1	N/A	default="Normal
Mode	E	OrNothing GFS, GTD, NON	string	0/1		default="NON"
ExpiryTime	E	N/A	dateTime	0/1	N/A	uciaul- IVIV
Qty	E	^\d{1,3}(,\d{1,3})?	string	1/1	N/A	
Price	E	^[-+]?\d{1,6}(,\d{1,2})?\$	string	0/1	N/A	
Iceberg ExternalNotes	E	(see Iceberg data structure) N/A	A/N string	0/1 0/1	N/A min=1 max=16	
OfferManagement						
OfferId	Е		long	1/1		ld dell'offerta che si sta modificando
Operation	E	Edit,Hide,Discover,Revoke	string	1/1		
Qty Price	E E	^\d{1,3}(,\d{1,3})?\$ ^[-+]?\d{1,6}(,\d{1,2})?\$	string string	0/1 0/1		Not present if operation is not "Edit" Not present if operation is not "Edit"
Price HiddenQty	E	']=T !\u\\1,0}(,\U\\1,Z})!\$	string	0/1		Not present if operation is not "Edit" not used
	F		long	0/1		not used
XbidOrderId						
XbidOrderId XbidRevision	E		long	0/1		not used

	LTSOfferManagement Implementation Guide for LTS_NS										
Element / Attribute names	Attribute / Element	Valid Information in Field (enumeration)	Data Type	Occurances Min/Max	Field Length	Definition					
Message			Request	1/1	N/A						
Version	A	1.0	N/A	1/1	N/A	Identifies the version of the LtsMessageSchema					
Encoding	A	iso-8859-1	N/A	1/1	N/A						
xmlns:xsi	Α	http://www.w3.org/2001 /XMLSchema-instance	N/A	1/1	N/A	Associates the actual schema instance being used to the name space.					
xmlns:xsd	Α	http://www.w3.org/2001 /XMLSchema	N/A	1/1	N/A	Defines the schema instance being used.					
MessageType	A	Response	N/A	1/1	N/A	Message Type					
MessageDate	A	Valid Date	YYYY-MM-DD	1/1	N/A	Date of the message					
MessageTime MessageCode	A	Valid Time Stamp	HH:MM:SS.1234567Z	1/1 0/1	N/A N/A	Time of the message					
xmlns	A A	urn:XML-LTS	integer N/A	1/1	N/A N/A	identifies the xml namespace					
		(see Header data									
Header	E	structure) (see Transaction data	N/A	1/1	N/A	Sender and recipient of the message					
Transaction	E	structure)	N/A	1 or more	N/A	Transaction Container					
II. a dan	E				N/A						
Header Sender	E	(see Sender data		1/1	N/A N/A	message sender					
Conde	_	structure)		17.1	14//	incode condi					
Receiver	E	(see Receiver data structure)		1/1	N/A	message receiver					
Sender	Е										
			N1/A	0/4		To New of the Control					
CompanyName UserMsgCode	<u>Е</u> Е		N/A N/A	0/1 0/1	min=1 max=60 min=1 max=50	The Name of the Sender The unique identifier for the user who sends					
OperatorMsgCode	E		N/A	1/1	min=1 max=30	The unique identifier for the user who sends					
Operatorivisgoode			IV/A	1/1	min-max-10						
Receiver	Е			1/1							
CompanyName	E		N/A	0/1	min=1 max=60	The Name of the Sender					
UserMsqCode	E	 	N/A N/A	0/1	min=1 max=60 min=1 max=50	The varie of the sender The unique identifier for the user who sends					
OperatorMsqCode	E		N/A	1/1	min=1 max=16	The unique identifier of the Receiver					
					10						
Transaction				1 or more							
OfferManagement	Е										
agomon	_										
OfferManagement											
Offerld	E		long	1/1		ld dell'offerta che si sta modificando					
Operation	E	Edit,Hide,Discover,Rev	string	1/1		ia deli olietta orie si sta modificando					
·		oke				Makeuranak Managara ta a a a a a a a a a a a a a a a a a					
Qty	E	^\d{1,3}(,\d{1,3})?\$	string	0/1		Not present if operation is not "Edit"					
Price	E	^[-+]?\d{1,6}(,\d{1,2})?\$	string	0/1 0/1		Not present if operation is not "Edit"					
HiddenQty	E		string			not used					
XbidOrderId	E		long	0/1		not used					
XbidRevision	Е		long	0/1		not used					
DeltaPrice	E	^[-+]?\d{1,6}(,\d{1,2})?\$	string	0/1		not used					

	LTSProgram Implementation Guide for LTS_NS										
Element / Attribute names	Attribute / Element	Valid Information in Field (enumeration)	Data Type	Occurances Min/Max	Field Length	 Definition					
Message			Request	1/1	N/A						
Version	A	1.0	N/A	1/1	N/A	Identifies the version of the LtsMessageSchema					
Encoding	A	iso-8859-1	N/A	1/1	N/A						
xmlns:xsi	Α	http://www.w3.org/2001/XMLSchema- instance	N/A	1/1	N/A	Associates the actual schema instance being used to the name space.					
xmlns:xsd	A	http://www.w3.org/2001/XMLSchema	N/A	1/1	N/A	Defines the schema instance being used.					
MessageType	A	Response	N/A	1/1	N/A	Message Type					
MessageDate	A	Valid Date	YYYY-MM-DD	1/1	N/A	Date of the message					
MessageTime	A	Valid Time Stamp	HH:MM:SS.1234567Z	1/1	N/A	Time of the message					
MessageCode	A		integer	0/1	N/A						
xmlns	A	urn:XML-LTS	N/A	1/1	N/A	identifies the xml namespace					
Header	E	(see Header data structure)	N/A	1/1	N/A	Sender and recipient of the message					
Transaction	E	(see Transaction data structure)	N/A	1 or more	N/A	Transaction Container					
Header	E				N/A						
Sender	E	(see Sender data structure)		1/1	N/A	message sender					
Receiver	E	(see Receiver data structure)		1/1	N/A	message receiver					
Sender	E										
CompanyName	F		N/A	0/1	min=1 max=60	The Name of the Sender					
UserMsgCode	F		N/A	0/1	min=1 max=50	The unique identifier for the user who sends					
OperatorMsgCode	Ē		N/A	1/1	min=1 max=16	The unique methalist for the date who defined					
Receiver	E			1/1							
CompanyName	E		N/A	0/1	min=1 max=60	The Name of the Sender					
UserMsgCode	E		N/A	0/1	min=1 max=50	The unique identifier for the user who sends					
OperatorMsgCode	E		N/A	1/1	min=1 max=16	The unique identifier of the Receiver					
Transaction				1 or more							
Program	F				1						
, rogium	_										
Program											
OperatorCode	E		string	1/1	min=1 max=16						
FlowDate	E		date	1/1	min=19000101 max = 29001231						
Unitld	E		string	1/1	min=1 max=16						
Interval	E		integer	1/1	min=1 max = 100						
Direction	E	I (Immissione), W (Prelievo)	string	1/1							
OperationType	E	SUB (sottomesso), REVOKE (Revocato)	string	1/1							
Qty	E	^\d{1,3}(,\d{1,3})?\$	string	1/1		senza separatore migliaia solo intero senza decimali senza segno/ senza separatore migliaia con al massimo 1 decimali senza segno					

		Functional	Acknowled	gement Im	plementa	ation Guide for LTS_NS
Element / Attribute names	Attribute / Element	Valid Information in Field (enumeration)	Data Type	Occurances Min/Max	Field Length	Definition
Message		N/A	N/A	1 for file	N/A	
Version	Α	1.0	N/A	1/1	N/A	Identifies the version of the LtsMessageSchema
Encoding	Α	iso-8859-1	N/A	1/1	N/A	
xmlns:xsi	Α	nttp://www.w3.bfg/2001/xivilscnem	N/A	1/1	N/A	Associates the actual schema instance being used to the name space.
xmlns:xsd	Α	Tittp://www.ws.org/2001/AINESCHEIT	N/A	1/1	N/A	Defines the schema instance being used.
MessageType	Α	Response	N/A	1/1	N/A	Messag Type
MessageDate	Α	Valid Date	YYYY-MM-DD	1/1	N/A	Date of the message
MessageTime	Α	Valid Time Stamp	HH:IVIM:55.123456	1/1	N/A	Time of the message
ResponseMessageStatus		Accepted/Rejected		1/1	N/A	
xmlns	Α	urn:XML-LTS	N/A	1/1	N/A	identifies the xml namespace
Header	E	(see Header data structure)	N/A	1/1	N/A	Sender and recipient of the message
Transaction	Е	(see Transaction data structure)	N/A	1 or more	N/A	Transaction Container
ResponseReferenceMessageCode	Α					
ResponseMessageStatus	А		Accepted/Rejected/ PartiallyAccepted			In the CeFunctionalAcknowledgment transaction indicates: 1. If the document is accepted (Accept) which means that all the transactions in the document have passed validation, partially accepted (Partial) which means that at least one transaction has been rejected, or rejected (Reject) which means that all the transaction have been rejected. 2. That a single transaction has been accepted or rejected.
II. a dan						
Header						
Sender	E	(see Sender data structure)		1/1 1/1		message sender
Receiver	E	(see Receiver data structure)		1/1		message receiver
Sender						
	E	(IDOME)	A/N	1/1	min=1 max=16	The control of the Conde
OperatorMsgCode	E	(IDGME)	A/N	1/1	min=1 max=16	The unique identifier of the Sender
Receiver						
Transaction				1 or more		
FunctionalAcknowledgement						
RejectInformation						
FunctionalAcknowledgement			N/A		N/A	
pd:RejectInformation	E	(see RejectInformation data structure)		0 or more		
TransactionType	Α	·	string	optional		
Status	Α	pd:tyTransactionStatus	boolean	required		
MPN XmlOrder	A A		string int	optional required		
Refld"	A	1	long	optional		
			a			
RejectInformation			N/A		N/A	
Reason	E		string		min=0 max=32	
ReasonText	E		string	0/1	min=0 max=1024	