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<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XMLSpy v2012 sp1 (http://www.altova.com) by Nils-
Erik Eriksson (NT Sweden AB) -->
<xs:schema xmlns:suti="http://www.suti.se/schema"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
elementFormDefault="qualified" attributeFormDefault="unqualified">
  <xs:complexType name="idType">
    <xs:annotation>
      <xs:documentation>General type
identification-element

See UC_3.1.2 for extensive description. Especially is the use and
the implemantation of source (src) vital for creating adequate SUTI
messages. </xs:documentation>
    </xs:annotation>
    <xs:attribute name="src" use="required">
      <xs:simpleType>
        <xs:restriction
base="xs:string"/>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="id" use="required">
      <xs:simpleType>
        <xs:restriction
base="xs:string"/>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="unique" type="xs:boolean"
use="optional" default="true">
      <xs:annotation>
        <xs:documentation>

idType is a general type identification-element

See UC_3.1.2 for extensive description. Especially is the use and
the implemantation of source (src) vital for creating adequate SUTI
messages. </xs:documentation>
      </xs:annotation>
    </xs:attribute>
  </xs:complexType>
  <xs:complexType name="idMsgRef">
    <xs:annotation>
      <xs:documentation>General type
identification-element</xs:documentation>
    </xs:annotation>
    <xs:attribute name="src" type="xs:string"
use="required"/>
    <xs:attribute name="idOrder" type="xs:string"/>
    <xs:attribute name="idMsg" type="xs:string"
use="required"/>
    <xs:attribute name="msgType" type="xs:string"
use="required"/>
    <xs:attribute name="unique" type="xs:boolean"
use="optional" default="true">
      <xs:annotation>
        <xs:documentation>

```

```

General type identification-element</xs:documentation>
      </xs:annotation>
    </xs:attribute>
  </xs:complexType>
  <xs:complexType name="idEkInfo">
    <xs:annotation>
      <xs:documentation>General type
identification-element.

```

The usage of this can vary depending of the Client involved. See UC_3 for an example of an implementation.

```

Then used in used in msg 8000, 8010 see UC_2.5 for use of
invoiceId</xs:documentation>
      </xs:annotation>
    <xs:attribute name="src" use="required">
      <xs:annotation>
        <xs:documentation>Typ av Id.
Example project, costcenter or innvoicenummer.</xs:documentation>
      </xs:annotation>
    <xs:simpleType>
      <xs:restriction
base="xs:string"/>
    </xs:simpleType>
  </xs:attribute>
  <xs:attribute name="id" type="xs:string"
use="required"/>
  <xs:attribute name="unique" type="xs:boolean"
use="optional" default="false">
    <xs:annotation>
      <xs:documentation>

```

General type identification-element.

The usage of this can vary depending of the Client involved. See UC_3 for an example of an implementation.

```

Then used in used in msg 8000, 8010 see UC_2.5 for use of
invoiceId</xs:documentation>
      </xs:annotation>
    </xs:attribute>
  </xs:complexType>
  <xs:element name="SUTI">
    <xs:annotation>
      <xs:documentation>Root element for
SUTI-messages

```

This document will contain ireferences to other SUTI Documnts where you will find deeper information. We will use the following type of references:

UC_n -> referencing to UseCases chapter n.

MSG_msgno -> referencing to a certain message in Messages.</xs:documentation>

```

        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="orgSender"
type="orgType">
                    <xs:annotation>
                        <xs:documentation>Id of the sending side.
see UC_3</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element
name="orgReceiver" type="orgType">
                    <xs:annotation>
                        <xs:documentation>Id of the receiving side.
See UC_3</xs:documentation>
                    </xs:annotation>
                </xs:element>
            <xs:element name="msg"
maxOccurs="unbounded">
                <xs:complexType
mixed="false">
                    <xs:complexContent>
                        <xs:extension base="msg"/>
                    </xs:complexContent>
                </xs:complexType>
            </xs:element>
            <xs:element name="idVersion"
type="idType" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>TU would like to know if anyone uses
this part. Please infor TU in such case.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
        <xs:attribute name="SUTI"/>
    </xs:complexType>
</xs:element>
<xs:complexType name="orgType">
    <xs:sequence>
        <xs:annotation>
            <xs:documentation>General
type organization-element</xs:documentation>
        </xs:annotation>
        <xs:element name="idOrg" type="idType">
            <xs:annotation>
                <xs:documentation>The identification of the organization.
Then used in orgSendet and orgReceiver a specific SUTI
identification is used. See UC_3.2</xs:documentation>
            </xs:annotation>

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        </xs:element>
    </xs:sequence>
    <xs:attribute name="name" type="xs:string"
use="required">
        <xs:annotation>
            <xs:documentation>The name of
the organization.</xs:documentation>
        </xs:annotation>
    </xs:attribute>
</xs:complexType>
<xs:complexType name="agreement">
    <xs:sequence>
        <xs:annotation>
            <xs:documentation>Refers to
an agreement by the client accepted by the provider in a comercial
agreement. The source and the values are set by the client. The
usage is client dependent you will find a description in the clients
documentation.</xs:documentation>
        </xs:annotation>
        <xs:element name="idAgreement"
type="idType"/>
        <xs:element name="product"
type="product" minOccurs="0"/>
    </xs:sequence>
    <xs:attribute name="name" type="xs:string"
use="optional"/>
</xs:complexType>
<xs:complexType name="msg">
    <xs:sequence>
        <xs:annotation>
            <xs:documentation>One SUTI-
message

For use of each message se SUTI Document messages and Message Flow.
For most of the messages you vill also find documntation Use Cases
(UC) .

</xs:documentation>
        </xs:annotation>
        <xs:element name="idMsg" type="idType">
            <xs:annotation>
                <xs:documentation>id = YYYYMMDDnnnnnnnnn
src = reference to the SUTI id of the part that is sending this
message.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="msgTimeStamp"
type="timesType" minOccurs="0"/>
        <xs:element name="infoTimeStamp"
type="timesType" minOccurs="0"/>
        <xs:element name="referencesTo"
minOccurs="0">

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mixed="false">
    <xs:complexType
        <xs:complexContent>
            <xs:extension base="referencesTo"/>
        </xs:complexContent>
    </xs:complexType>
</xs:element>
<xs:choice minOccurs="0">
    <xs:element name="order"
type="order" minOccurs="0">
        <xs:annotation>
            <xs:documentation>msgs: 2000, 2531, 2900, 4001,
4020</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element
name="driverSession" type="driverSession" minOccurs="0">
        <xs:annotation>
            <xs:documentation>msgs: 2100, 2101</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element
name="driverSessionReject" type="driverSessionReject">
        <xs:annotation>
            <xs:documentation>msgs: 2102</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element
name="orderReject">
        <xs:annotation>
            <xs:documentation>msgs: 2002</xs:documentation>
        </xs:annotation>
    </xs:element>
</xs:choice>
</xs:complexType>
mixed="false">
    <xs:complexContent>
        <xs:extension base="orderReject"/>
    </xs:complexContent>
</xs:complexType>
</xs:element>
<xs:element
name="cancellationConsequence" type="cancellationConsequence">
    <xs:annotation>
        <xs:documentation>msgs: 2011, 2012, 2021,
2022</xs:documentation>
    </xs:annotation>
</xs:element>

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<xs:element
name="resourceDispatch" type="resourceType">
    <xs:annotation>
        <xs:documentation>msgs: 1020, 3000, 3001, 3003, 3004,
3013</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element
name="addressLocation" type="addressType">
    <xs:annotation>
        <xs:documentation>msgs: 4003, 5021</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element
name="manualDescriptionMsg">
    <xs:annotation>
        <xs:documentation>msgs: 1022, 1025, 4012, 5000, 5010,
7030, 7031</xs:documentation>
    </xs:annotation>
<xs:complexType
mixed="false">
    <xs:complexContent>
        <xs:extension base="manualDescriptionType"/>
    </xs:complexContent>
</xs:complexType>
</xs:element>
<xs:element
name="pickupConfirmation">
    <xs:annotation>
        <xs:documentation>msgs: 4010, 4040
pickupConfirmation</xs:documentation>
    </xs:annotation>
<xs:complexType
mixed="false">
    <xs:complexContent>
        <xs:extension base="pickupConfirmation"/>
    </xs:complexContent>
</xs:complexType>
</xs:element>
<xs:element name="orderLink"
type="orderLink">
    <xs:annotation>
        <xs:documentation>msg: 2040</xs:documentation>
    </xs:annotation>
</xs:element>

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                <xs:element
name="locationRequest" type="locationRequest" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>msg 5020, if sequential addressLocations
are required</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element
name="orderReport" type="orderReport" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>msg 6001</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element
name="nodeCancelation" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>Msg 2020 Node Cancelation. This shall
not be used due to error in spelling. TU request members to change
to nodeCancellation as soon as possible.</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:complexContent>
                            <xs:extension base="nodeCancelationType"/>
                        </xs:complexContent>
                    </xs:complexType>
                </xs:element>
                <xs:element
name="nodeCancellation" type="nodeCancellationType" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Msg 2020 Node
Cancellation</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element
name="authorizationAccept" type="authorizationAcceptType">
                    <xs:annotation>
                        <xs:documentation>msg 2901</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element
name="deliveryNote" type="deliveryNote">
                    <xs:annotation>
                        <xs:documentation>Msg 6500</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element
name="resourceAllocation" minOccurs="0">

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        <xs:annotation>
<xs:documentation>Msg 1920</xs:documentation>
        </xs:annotation>
        <xs:complexType>

<xs:sequence>

        <xs:annotation>
                <xs:documentation>See UC 2_1_2 for usage.
</xs:documentation>
        </xs:annotation>

        <xs:element name="resourceOrderid" type="idType"
minOccurs="0">

                <xs:annotation>
                        <xs:documentation>Order number or other
identifier of the task to which a resource is
requested</xs:documentation>
                </xs:annotation>

        </xs:element>

        <xs:element name="resourceCapacity" type="resourceType"
minOccurs="0">

                <xs:annotation>
                        <xs:documentation>Capacity of the
requested resource</xs:documentation>
                </xs:annotation>

        </xs:element>

        <xs:element name="resourceStarttime" type="timesType"
minOccurs="0">

                <xs:annotation>
                        <xs:documentation>Starttime for the
requested resource</xs:documentation>
                </xs:annotation>

        </xs:element>

        <xs:element name="resourceEndtime" type="timesType"
minOccurs="0">

                <xs:annotation>

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                <xs:documentation>Endtime for the
requested resource</xs:documentation>

                </xs:annotation>

            </xs:element>

            <xs:element name="resourceAddress" type="addressType"
minOccurs="0">

                <xs:annotation>

                    <xs:documentation>Address where the
requested resource should be the resourceStarttime
</xs:documentation>

                </xs:annotation>

            </xs:element>

        </xs:sequence>

        </xs:complexType>
    </xs:element>
    <xs:element
name="orderTemplate" minOccurs="0">
        <xs:annotation>

            <xs:documentation>Msg 2800, 2801, 2541,
6800</xs:documentation>

        </xs:annotation>
        <xs:complexType>

            <xs:sequence>

                <xs:annotation>

                    <xs:documentation>See UC 2_2 Repetitive orders
for detailed description.</xs:documentation>

                </xs:annotation>

                <xs:element name="idOrderTemplate">

                    <xs:complexType>

                        <xs:complexContent>

                            <xs:extension base="idType">

                                <xs:attribute
name="orderTemplateName" type="xs:string"/>

                            </xs:extension>

                        </xs:complexContent>

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        </xs:complexType>

    </xs:element>

    <xs:element name="orderTemplateCalendar"
type="calendarType"/>

    <xs:element name="orderTemplateAgreement" type="agreement"
minOccurs="0"/>

    <xs:element name="scheduleElements">

        <xs:complexType>

            <xs:sequence maxOccurs="unbounded">

                <xs:element
name="scheduleElement">

                    <xs:complexType>

                        <xs:sequence minOccurs="0">

                            <xs:element name="scheduleElementWeekday"
type="weekdaysType" minOccurs="0"/>

                            <xs:element name="scheduleElementDate" type="date"
minOccurs="0"/>

                            <xs:element name="scheduleElementReferencesTo"
type="referencesTo" minOccurs="0"/>

                            <xs:element name="scheduleElementRoute" type="route"
minOccurs="0"/>

                        </xs:sequence>

                        <xs:attribute name="scheduleElementSequenceNbr"
type="xs:integer"/>

                        <xs:attribute name="scheduleElementFunction">

                            <xs:simpleType>

                                <xs:restriction base="xs:string">

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    <xs:sequence maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>See UC 2_2 Repetitive orders
for detailed description.</xs:documentation>
      </xs:annotation>
      <xs:element name="scheduleElementOrder">
        <xs:complexType>
          <xs:sequence>
            <xs:element
name="scheduleElementOrderReferencesTo" minOccurs="0">
              <xs:complexType>
                <xs:complexContent>
                  <xs:extension base="referencesTo"/>
                </xs:complexContent>
              </xs:complexType>
            </xs:element>
            <xs:element
name="scheduledElementOrderDate" type="date"/>
          </xs:sequence>
          <xs:attribute name="orderListClosed"
type="xs:boolean">
            <xs:annotation>
              <xs:documentation>Used to indicate that no more orders
exist in the list.</xs:documentation>
            </xs:annotation>
          </xs:attribute>
        </xs:complexType>
      </xs:element>

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        </xs:sequence>
                                </xs:complexType>
        </xs:element>
        <xs:element
name="infoRequest" minOccurs="0">
                                <xs:annotation>
        <xs:documentation>Msg 15XX</xs:documentation>
                                </xs:annotation>
                                <xs:complexType>
        <xs:sequence maxOccurs="unbounded">
        <xs:annotation>
                                <xs:documentation>The messages 15xx is a number
of possibilities for the clien to ask the provider for certain
information. The responce for a 15xx is a 16xx (eg 1500 responce
1600). For 1500/1600 se UC 2_1_2</xs:documentation>
                                </xs:annotation>
        <xs:element name="requestItem" type="requestContentType"/>
        <xs:element name="requestCalendar" type="calendarType"
minOccurs="0"/>
        <xs:element name="requestProduct" type="product"
minOccurs="0"/>
        </xs:sequence>
                                </xs:complexType>
        </xs:element>
        <xs:element
name="infoResponse" minOccurs="0">
                                <xs:annotation>
        <xs:documentation>Msg 16XX</xs:documentation>
                                </xs:annotation>
                                <xs:complexType>
        <xs:sequence>
        <xs:annotation>
                                <xs:documentation>The messages 16xx is is an
responce on a infoRequest. The responce for a 15xx is a 16xx (eg
1500 responce 1600). For 1500/1600 se UC 2_1_2</xs:documentation>
                                </xs:annotation>
        <xs:element name="responseList" type="node" minOccurs="0"
maxOccurs="unbounded"/>

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        <xs:element name="responsePrice" type="price"
minOccurs="0" maxOccurs="unbounded"/>

        <xs:element name="responseOrg" type="organizationType"
minOccurs="0" maxOccurs="unbounded"/>

    </xs:sequence>

                                                    </xs:complexType>
    </xs:element>
    <xs:element name="accounting"
minOccurs="0">
                                                    <xs:annotation>

    <xs:documentation>Msg 8XXX</xs:documentation>
                                                    </xs:annotation>
    </xs:complexType>

    <xs:sequence>

    <xs:annotation>

        <xs:documentation>See UC 2_5 for extesive
information.</xs:documentation>

    </xs:annotation>

    <xs:element name="idAccounting" type="idType"/>

    <xs:element name="tour" minOccurs="0"
maxOccurs="unbounded">

        <xs:annotation>

            <xs:documentation>Summary of signle
missions to be accounted for</xs:documentation>

        </xs:annotation>

        <xs:complexType>

            <xs:sequence>

                <xs:element
name="referencesToTour" type="referencesTo"/>

                <xs:element
name="statusTour">

                    <xs:complexType>

            </xs:sequence>

    </xs:sequence>

    <xs:element name="idActivity" type="idType">

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        <xs:annotation>
            <xs:documentation>Indicates request for
payment, accept payment, review payment etc</xs:documentation>
        </xs:annotation>
    </xs:element>

    <xs:element name="statusTourError" type="errorType"
minOccurs="0" maxOccurs="unbounded"/>

    <xs:element name="manualDescriptionStatus"
type="manualDescriptionType" minOccurs="0" maxOccurs="unbounded"/>
</xs:sequence>

</xs:complexType>

</xs:element>

    <xs:element
name="suborderTour" type="suborderTourType" minOccurs="0"
maxOccurs="unbounded"/>

    <xs:element
name="calculationsTour" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Base for summary economics
report</xs:documentation>
        </xs:annotation>
    </xs:complexType>

</xs:sequence>

    <xs:element name="calculationFare"
type="calculationFareType" maxOccurs="unbounded"/>

</xs:sequence>

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</xs:complexType>

</xs:element>

<xs:element
name="summaryReportTour" type="summaryReport" minOccurs="0"/>

<xs:element
name="economyReportTour" type="economyReport" minOccurs="0"
maxOccurs="unbounded"/>

<xs:element
name="resourceTour" type="resourceType" minOccurs="0"/>

<xs:element name="eventTour"
minOccurs="0" maxOccurs="unbounded">

<xs:annotation>

<xs:documentation>This is the element to place events that
is not connected to a specific content (suborder).
</xs:documentation>

</xs:annotation>

<xs:complexType>

<xs:sequence>

<xs:element name="eventTourTime" type="time"
minOccurs="0"/>

<xs:element name="tourGeographicLocation"
type="geographicLocation" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="eventVehicle" use="required">

<xs:annotation>

<xs:documentation>This is the element to place
events that is not connected to a specific content (suborder).
</xs:documentation>

</xs:annotation>

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<xs:simpleType>

    <xs:restriction base="xs:string">

        <xs:enumeration value="1711"/>

        <xs:enumeration
value="dispatchconfirmationsent"/>

        <xs:enumeration value="1714"/>

        <xs:enumeration value="start"/>

        <xs:enumeration value="1715"/>

        <xs:enumeration value="stop"/>

        <xs:enumeration value="1716"/>

        <xs:enumeration value="acceptOrder"/>

    </xs:restriction>

</xs:simpleType>

</xs:attribute>

                                </xs:complexType>

                                </xs:element>

                                </xs:sequence>

                                </xs:complexType>

</xs:element>

    <xs:element name="economyReportAccounting"
type="economyReport"/>

    <xs:element name="orgClient" type="organizationType"/>
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<xs:element name="orgProvider" type="organizationType"/>
</xs:sequence>
<xs:attribute name="accountingType" type="xs:string">
<xs:annotation>
    <xs:documentation>To be descided
later</xs:documentation>
</xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element
name="providerOrderupdate" type="providerorderUpdate" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Msg 2060</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element
name="bulkLocationRequest" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Msg 110xx
See extensive information in UC_2_6</xs:documentation>
    </xs:annotation>
</xs:complexType>
<xs:choice>
<xs:annotation>
    <xs:documentation>Used to request a bulk of
positions. See UC 3_2.</xs:documentation>
</xs:annotation>
<xs:element name="bulkIntervalRequest"
type="locationRequest"/>
<xs:element name="locationResource" type="resourceType"/>
<xs:element name="bulkLocationAgreement"
type="agreement"/>
</xs:choice>
<xs:attribute name="statusFree" type="xs:boolean"/>
<xs:attribute name="statusOccupied" type="xs:boolean"/>

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<xs:attribute name="statusBreak" type="xs:boolean"/>
<xs:attribute name="statusNotinuse" type="xs:boolean"/>
<xs:attribute name="locationListType">
<xs:simpleType>
    <xs:restriction base="xs:string">
        <xs:enumeration value="1"/>
    </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element
name="bulkLocation" type="bulkLocationList" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Msg111x
See extensive information in UC_2_6</xs:documentation>
    </xs:annotation>
    </xs:element>
<xs:element
name="resourceInformation" type="resourceType" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Msg 100x, 101x
See extensive information in UC_2_6</xs:documentation>
    </xs:annotation>
    </xs:element>
<xs:element name="ratings"
type="ratingType" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Msg 1061, 6061
See extensive information in UC_2_6</xs:documentation>
    </xs:annotation>
    </xs:element>
<xs:element
name="actionRequest" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Msg 4100</xs:documentation>
    </xs:annotation>
    <xs:complexType>
</xs:sequence>

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        <xs:element name="idAction" type="idType"/>
        <xs:element name="nodeAction" type="node"/>
    </xs:sequence>
</xs:complexType>
</xs:element>
</xs:choice>
<xs:element
name="ClientContactReference" type="contactInfosType"
minOccurs="0"/>
</xs:sequence>
<xs:attribute name="msgType" use="required">
    <xs:annotation>
        <xs:documentation>SUTI number
of this message.</xs:documentation>
    </xs:annotation>
</xs:simpleType>
    <xs:restriction
base="xs:string">
        <xs:enumeration
value="1000"/>
        <xs:enumeration
value="1001"/>
        <xs:enumeration
value="1002"/>
        <xs:enumeration
value="1010"/>
        <xs:enumeration
value="1011"/>
        <xs:enumeration
value="1012"/>
        <xs:enumeration
value="1020"/>
        <xs:enumeration
value="1021"/>
        <xs:enumeration
value="1022"/>
        <xs:enumeration
value="1023"/>
        <xs:enumeration
value="1024"/>
        <xs:enumeration
value="1025"/>
        <xs:enumeration
value="1060"/>
        <xs:enumeration
value="1061"/>
        <xs:enumeration
value="1100"/>
        <xs:enumeration
value="1101"/>
        <xs:enumeration
value="1102"/>
    </xs:restriction>
</xs:restriction>

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value="2060"/>
value="2061"/>
value="2113"/>
value="3013"/>
</xs:restriction>
</xs:simpleType>
</xs:attribute>
<xs:attribute name="msgName" type="xs:string"
use="optional">
<xs:annotation>
<xs:documentation>SUTI name
of this message.</xs:documentation>
</xs:annotation>
</xs:attribute>
</xs:complexType>
<xs:complexType name="referencesTo">
<xs:sequence>
<xs:annotation>
<xs:documentation>Reference
to earlier order and/or msg or reference to a resource at provider
All messages may use referencesTo. Some messages requires certain
information in referencesTo. Those requirements is described with
each element.
If a message is not explicitly mentioned in XSD it only uses
referencesTo.</xs:documentation>
</xs:annotation>
<xs:element name="idDriverSession"
type="idType" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>An Id which identifies the combined
routing of orders in the form of a driver
session.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="idOrder"
type="idType" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>Must be equivalents and should only be
order ids from different systems. Should not be ids of suborders or
partial orders</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="idMsg" type="idType"
minOccurs="0">
<xs:annotation>
<xs:documentation>Reference to the message that this
message answers.</xs:documentation>

```

```

        </xs:annotation>
    </xs:element>
    <xs:element name="idVehicle"
type="idType" minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>Source (src) shall refer to the whole
fleet of the provider or a uniquely defined group of the providers
fleet.</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="idDriver"
type="idType" minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>Source (src) shall refer to the
providers staff of drivers or a uniquely defined group of the
providers staff of drivers.</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="idSuborder"
type="idType" minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>Must be equivalents and should only be
ids of suborders or partial orders</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="idNode" type="idType"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Used to specify the nodeSeqNor of a node
then the node itself is not present in the SUTI message. The Id will
hold the nodeSeqNo. Source is irrelevant.</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="idMsgRef"
type="idMsgRef" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Makes it possible to refer to a specific
message in a SUTI communication.

No implementation found. If used please contact SUTI Technical
Commitee.</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="idPassword"
type="idType" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Brings the possibility to send a
password e.g. for identification of driver.</xs:documentation>
        </xs:annotation>
    </xs:element>

```

```

                                <xs:element name="idRejectReason"
type="idType" minOccurs="0">
                                <xs:annotation>
                                <xs:documentation>Used with messages that rejects a
request. SUTI has defined a number of standard rejects in a SUTI
attributelist. It's recomended that this list is used and in case of
enlargement request SUTI TC to add attribute.</xs:documentation>
                                </xs:annotation>
                                </xs:element>
                                <xs:element name="idReceipt"
type="idType" minOccurs="0">
                                <xs:annotation>
                                <xs:documentation>Shall contain the receipt number of a
taxi trip</xs:documentation>
                                </xs:annotation>
                                </xs:element>
                                <xs:element name="idAuthorization"
type="idType" minOccurs="0">
                                <xs:annotation>
                                <xs:documentation>Brings the possibility to send a
username e.g. for identification of driver. Can be used together
with idPassword.</xs:documentation>
                                </xs:annotation>
                                </xs:element>
                                <xs:element name="idOrderStatus"
type="idType" minOccurs="0">
                                <xs:annotation>
                                <xs:documentation>Current status of the order in the
provider system.
No implementation found. If used please contact SUTI Technical
Commitee.</xs:documentation>
                                </xs:annotation>
                                </xs:element>
                                <xs:element name="idOrderTemplate"
type="idType" minOccurs="0">
                                <xs:annotation>
                                <xs:documentation>See UC_2.2 Repetitive
orders.</xs:documentation>
                                </xs:annotation>
                                </xs:element>
                                <xs:element name="idResponse"
type="idType" minOccurs="0">
                                <xs:annotation>
                                <xs:documentation>Used together with infoResponse (msg
16xx), typically checksum or hash to validate sent information. May
be used later in process (at order) to claim for instance a given
fixed price. </xs:documentation>
                                </xs:annotation>
                                </xs:element>

```

```

                <xs:element name="idOrderForward"
minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>Used to inform all parties involved in a
order forward about all information needed. If order forward is used
all information in this tag is mandatory. Please see UC_2.1
regarding order forwarded.</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="idOrderForwarderClient" type="idType"
minOccurs="0">
                                <xs:annotation>
                                    <xs:documentation>idOrder used by forwarding
Client</xs:documentation>
                                </xs:annotation>
                            </xs:element>
                            <xs:element name="orgClientForwarder" type="orgType"
minOccurs="0">
                                <xs:annotation>
                                    <xs:documentation>Organisational information
about forwarding Client.</xs:documentation>
                                </xs:annotation>
                            </xs:element>
                            <xs:element name="idOrderForwardProvider" type="idType"
minOccurs="0">
                                <xs:annotation>
                                    <xs:documentation>idOrder used by provider to
whom the order is forwarded.</xs:documentation>
                                </xs:annotation>
                            </xs:element>
                            <xs:element name="orgForwardProvider" type="orgType"
minOccurs="0">
                                <xs:annotation>
                                    <xs:documentation>Organisational information
about the provider to whom the order is
forwarded.</xs:documentation>
                                </xs:annotation>
                            </xs:element>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

        </xs:annotation>

        </xs:element>

                </xs:sequence>
                </xs:complexType>
                </xs:element>
                <xs:element name="idRunoffGroup"
type="idType" minOccurs="0"/>
                </xs:sequence>
        </xs:complexType>
        <xs:complexType name="order">
                <xs:sequence>
                        <xs:annotation>
                                <xs:documentation>Order
information elements, the meaning is dependant on SUTI-message
type</xs:documentation>
                        </xs:annotation>
                        <xs:element name="idOrder"
type="idType" minOccurs="0">
                                <xs:annotation>
                                        <xs:documentation>Must be the identity of the order
specified by the client. The source shall normally belong to the
client. Most often the implementation of the source is the clients
sutiLinkId.</xs:documentation>
                                        </xs:annotation>
                                </xs:element>
                                <xs:element name="orgProvider"
type="orgType" minOccurs="0"/>
                                <xs:element name="agreement"
type="agreement" minOccurs="0"/>
                                <xs:element name="process"
type="process" minOccurs="0"/>
                                <xs:element name="orderStatus"
type="orderStatus" minOccurs="0"/>
                                <xs:element name="economyOrder"
type="economyType" minOccurs="0"/>
                                <xs:element name="resourceOrder"
type="resourceType" minOccurs="0">
                                        <xs:annotation>
                                                <xs:documentation>Contains the total or maximum amount of
demands needed to complete this order.</xs:documentation>
                                                </xs:annotation>
                                        </xs:element>
                                        <xs:element name="route" type="route"
minOccurs="0"/>
                                </xs:sequence>
                                </xs:complexType>
                                <xs:complexType name="product">
                                        <xs:sequence>
                                                <xs:annotation>
                                                        <xs:documentation>Refers to a
product description/definition within the agreement. The source and
the values are set by the client. The usage is client dependent you

```

```

will find a description in the clients
documentation.</xs:documentation>
        </xs:annotation>
        <xs:element name="idProduct"
type="idType"/>
        </xs:sequence>
        <xs:attribute name="name" type="xs:string"
use="optional"/>
        </xs:complexType>
        <xs:complexType name="process">
        <xs:sequence>
        <xs:annotation>
        <xs:documentation>When order
is sent this element describes how the client and provider will
process order. Required only in first order.</xs:documentation>
        </xs:annotation>
        <xs:element name="multiDispatch"
type="multiDispatch" minOccurs="0">
        <xs:annotation>
        <xs:documentation>Presence of this element in order
indicates that the order may have been sent to more than one
provider</xs:documentation>
        </xs:annotation>
        </xs:element>
        </xs:sequence>
        <xs:attribute name="manualDispatch"
type="xs:boolean" use="required">
        <xs:annotation>
        <xs:documentation>True
indicates that this order have to be manually handled before
dispatch.</xs:documentation>
        </xs:annotation>
        </xs:attribute>
        <xs:attribute name="dispatch" type="xs:boolean"
use="required">
        <xs:annotation>
        <xs:documentation>True
indicates that dispatch message shall be sent. False indicates that
no dispatch message shall be sent, i.e. Client dont need to know
about the result of the dispatch.</xs:documentation>
        </xs:annotation>
        </xs:attribute>
        <xs:attribute name="dispatchResponsible"
use="required">
        <xs:annotation>
        <xs:documentation>Client
indicates that the client shall approve of the suggested vehicle
before dispatch can be completed. Provider indicates that the
provider completes dispatch without the client having to approve it
the dispatched vehicle. If attribute "dispatch" is true the client
shall be informed about the result of the
dispatch.</xs:documentation>
        </xs:annotation>
        </xs:simpleType>

```



```

        <xs:attribute name="statusDistance"
type="xs:nonNegativeInteger" use="optional">
            <xs:annotation>
                <xs:documentation>Distance to
next node in meter. Used together with automaticStatus.
            </xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="orderAlteration"
type="xs:boolean" use="optional" default="0">
            <xs:annotation>
                <xs:documentation>FALSE
indicates thar the Provider must not make any changes to the order.
TRUE indicates the possibility for the Provider to reroute the
order. Default value is FALSE</xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="deliveryNote"
type="xs:boolean" use="optional">
            <xs:annotation>
                <xs:documentation>True
indicates that the client requests a deliveryNote msg 6500 upon
completion of order.</xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="pickupconfirmation"
use="optional">
            <xs:annotation>
                <xs:documentation>Notrequested=pickupconfirmaction not
used in this order.
standard = only actualtime used for all types.
extended = actualtime used used for all types and estimated time
used in vehicleatnode.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction
base="xs:string">
                    <xs:enumeration
value="notrequested"/>
                    <xs:enumeration
value="standard"/>
                    <xs:enumeration
value="extended"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="preeOrder" type="xs:string"
use="optional">
            <xs:annotation>
                <xs:documentation>Possibility
to set different options for preeOrders (pree booked oreders or pree
planded orders). Values:

```


PROVIDER= the Provider may transform a preeOrder into an order by sending MSG 2050 to confirm that the preeOrder from that moment will be treated as an Order.

CLIENTCONFIRM=The Client shall confirm with Msg 2000 or delete the preeOrder with MSG 2010. If the Client hasn't confirmed the preeOrder will be transformed into an order and will be sent on dispatch.

NOTE! If this tag has been set the Client can at any moment change the order by using MSG 2071 Order Change.</xs:documentation>

```

    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="allowForward"
type="xs:boolean" use="optional" default="0">
    <xs:annotation>
      <xs:documentation>Used to
indicate if it's allowed to forward an order to another provider. If
TRUE it's allowed to forward.</xs:documentation>
    </xs:annotation>
  </xs:attribute>
</xs:complexType>
<xs:complexType name="nodeprocess">
  <xs:sequence>
    <xs:annotation>
      <xs:documentation>When order
is sent this element describes how the client and provider will
process order. Required only in first order.</xs:documentation>
    </xs:annotation>
    <xs:element
name="sendinformationContent" type="contactInfo" minOccurs="0">
      <xs:annotation>
        <xs:documentation>If this element is not used the contact
info to use shall be the contactinfo supplied in Content. It's the
Clients responsibility to confirm that both the contactType and the
contactInfo are valid.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
  <xs:attribute name="sendinformationDisptch">
    <xs:annotation>
      <xs:documentation>Send
information about dispatch. Allowsend is the default value if not
used or nothing else agreed upon.</xs:documentation>
    </xs:annotation>
  <xs:simpleType>
    <xs:restriction
base="xs:string">
      <xs:enumeration
value="allowsend"/>
      <xs:enumeration
value="neversend"/>
      <xs:enumeration
value="alwaysend"/>
    </xs:restriction>
  </xs:attribute>
</xs:complexType>

```

```

        </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="sendinformationDelay">
        <xs:annotation>
            <xs:documentation>Send
information about delay. Allowsend is the default value if not used
or nothing else agreed upon.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction
base="xs:string">
                <xs:enumeration
value="allowsend"/>
                <xs:enumeration
value="neversend"/>
                <xs:enumeration
value="alwaysend"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="sendinformationArrival">
        <xs:annotation>
            <xs:documentation>Send
information about estimated arrival. Allowsend is the default value
if not used or nothing else agreed upon.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction
base="xs:string">
                <xs:enumeration
value="alwaysend"/>
                <xs:enumeration
value="neversend"/>
                <xs:enumeration
value="allowsend"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
</xs:complexType>
<xs:complexType name="multiDispatch">
    <xs:annotation>
        <xs:documentation>Presence of this
element in order indicates that the order may have been sent to more
than one provider</xs:documentation>
    </xs:annotation>
</xs:complexType>
<xs:complexType name="economyType">
    <xs:sequence>
        <xs:annotation>
            <xs:documentation>Describes
all aspects of economy for a order etc</xs:documentation>
        </xs:annotation>
        <xs:element name="price" type="price"
minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="formOfPayment"
type="formOfPayment" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

```

```

                <xs:element name="exchangeRates"
type="exchangeRates" minOccurs="0"/>
                <xs:element
name="manualDescriptionEconomy" type="manualDescriptionType"
minOccurs="0" maxOccurs="unbounded"/>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="taxiMeter">
            <xs:sequence>
                <xs:annotation>
                    <xs:documentation>Used to
describe the tariff that shall be used or is used in the taximeter.
The tariff shall be a previously agreed tariff.</xs:documentation>
                </xs:annotation>
                <xs:element name="idTaxa"
type="idType">
                    <xs:annotation>
                        <xs:documentation>Source (src) shall refer to the used
tariff of the provider.</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
            <xs:attribute name="activate" type="xs:boolean"
use="required">
                <xs:annotation>
                    <xs:documentation>Indicates
if taximeter shall be activated in vehicle.
TRUE = Activate
FALSE = no activation</xs:documentation>
                </xs:annotation>
            </xs:attribute>
        </xs:complexType>
        <xs:complexType name="priceCalculation">
            <xs:sequence>
                <xs:annotation>
                    <xs:documentation>Potential
describtion of how taxa is constructed</xs:documentation>
                </xs:annotation>
                <xs:element name="idCurrency"
type="idType">
                    <xs:annotation>
                        <xs:documentation>Source (src) shall refer to ISO
4217.</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
            <xs:attribute name="vatIncluded"
type="xs:boolean" use="required">
                <xs:annotation>
                    <xs:documentation>If True VAT
shall be included in calculated price.</xs:documentation>
                </xs:annotation>
            </xs:attribute>

```

```

        <xs:attribute name="vatPercent" type="xs:float"
use="optional">
            <xs:annotation>
                <xs:documentation>VAT
percentage used in calculation.</xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="startFee" type="xs:float"
use="required"/>
        <xs:attribute name="kmFee" type="xs:float"
use="required"/>
        <xs:attribute name="minuteFee" type="xs:float"
use="required"/>
        <xs:attribute name="formula" use="required">
            <xs:annotation>
                <xs:documentation>Type of
calculation. See enumerations.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction
base="xs:string">
                    <xs:enumeration
value="1401"/>
                    <xs:enumeration
value="breakpoint"/>
                    <xs:enumeration
value="1402"/>
                    <xs:enumeration
value="sumtariff"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="kmFeeDistance"
type="xs:float" use="optional"/>
        <xs:attribute name="minuteFeeTime"
type="xs:float" use="optional"/>
    </xs:complexType>
    <xs:complexType name="price">
        <xs:sequence>
            <xs:annotation>
                <xs:documentation>Price
elements</xs:documentation>
            </xs:annotation>
            <xs:element name="taxiMeter"
type="taxiMeter" minOccurs="0"/>
            <xs:element name="priceCalculation"
type="priceCalculation" minOccurs="0"/>
            <xs:element name="idCurrency"
type="idType" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Source (src) shall refer to ISO
4217.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>

```

```

        <xs:attribute name="priceResponsible"
use="required">
            <xs:annotation>
                <xs:documentation>Indicate if
client or provider sets a price. See
enumerations.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction
base="xs:string">
                    <xs:enumeration
value="1411"/>
                    <xs:enumeration
value="client"/>
                    <xs:enumeration
value="1412"/>
                    <xs:enumeration
value="provider"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="fixedPrice"
type="xs:boolean" use="required">
            <xs:annotation>
                <xs:documentation>True if
price is fixed</xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="vatIncluded"
type="xs:boolean" use="required">
            <xs:annotation>
                <xs:documentation>True if VAT
is included in price</xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="vatPercent" type="xs:float"
use="optional">
            <xs:annotation>
                <xs:documentation>VAT
percentage</xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="price" type="xs:float"
use="optional">
            <xs:annotation>
                <xs:documentation>Price as
set by priceResponsible. If vatincluded are True this price include
VAT</xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="vat" type="xs:float"
use="optional">
            <xs:annotation>
                <xs:documentation>Amount of
VAT</xs:documentation>
            </xs:annotation>
        </xs:attribute>
    </xs:annotation>

```

```

        </xs:attribute>
        <xs:attribute name="paymentType">
            <xs:annotation>
                <xs:documentation>Type of
payment. See enumerations.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction
base="xs:string">
                    <xs:enumeration
value="1301"/>
                    <xs:enumeration
value="cash"/>
                    <xs:enumeration
value="1302"/>
                    <xs:enumeration
value="card"/>
                    <xs:enumeration
value="1303"/>
                    <xs:enumeration
value="account"/>
                    <xs:enumeration
value="1304"/>
                    <xs:enumeration
value="ticket"/>
                    <xs:enumeration
value="1305"/>
                    <xs:enumeration
value="document"/>
                    <xs:enumeration
value="1306"/>
                    <xs:enumeration
value="socialservicefee"/>
                    <xs:enumeration
value="1307"/>
                    <xs:enumeration
value="prepaidSocialfee"/>
                    <xs:enumeration
value="prepaidsocialfee"/>
                    <xs:enumeration
value="1308"/>
                    <xs:enumeration
value="claim"/>
                    <xs:enumeration
value="NoShow"/>
                    <xs:enumeration
value="providerCompensation"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
    <xs:complexType name="formOfPayment">
        <xs:sequence>
            <xs:annotation>
                <xs:documentation>Describes
how price is payed

```

```

The usage of this can vary depending of the Client involved. See
UC_3_2 for an example of an implementation. </xs:documentation>
    </xs:annotation>
    <xs:element name="payment"
maxOccurs="unbounded">
    <xs:complexType
mixed="false">
    <xs:complexContent>
    <xs:extension base="payment"/>
    </xs:complexContent>
    </xs:complexType>
    </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="payment">
    <xs:sequence>
    <xs:annotation>
    <xs:documentation>Many
payments form the formOfPayment. The types of payment can be Cash,
Card, Account, Ticket, Document or
SocialServiceFee</xs:documentation>
    </xs:annotation>
    <xs:element name="idPayment"
type="idType" minOccurs="0">
    <xs:annotation>
    <xs:documentation>Source (src) shall refer to the actual
set of payment Identities used by the provider</xs:documentation>
    </xs:annotation>
    </xs:element>
    <xs:element name="idCurrency"
type="idType" minOccurs="0">
    <xs:annotation>
    <xs:documentation>Source (src) shall refer to ISO
4217.</xs:documentation>
    </xs:annotation>
    </xs:element>
    <xs:element name="idEkInfo"
type="idEkInfo" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
    <xs:documentation>Typ av Id. Example project, ostcenter
or invoicenumber.</xs:documentation>
    </xs:annotation>
    </xs:element>
    <xs:element
name="vatAmountSpecification" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
    <xs:complexContent>
    <xs:extension base="vatAmountSpecificationType"/>

```

```

        </xs:complexContent>
                </xs:complexType>
        </xs:element>
</xs:sequence>
<xs:attribute name="amount" type="xs:float"
use="optional"/>
        <xs:attribute name="paymentType" use="required">
                <xs:annotation>
                        <xs:documentation>Type of
payment. See enumerations.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                        <xs:restriction
                                <xs:enumeration
                                        value="1301"/>
                                        <xs:enumeration
                                        value="cash"/>
                                        <xs:enumeration
                                        value="1302"/>
                                        <xs:enumeration
                                        value="card"/>
                                        <xs:enumeration
                                        value="1303"/>
                                        <xs:enumeration
                                        value="account"/>
                                        <xs:enumeration
                                        value="1304"/>
                                        <xs:enumeration
                                        value="ticket"/>
                                        <xs:enumeration
                                        value="1305"/>
                                        <xs:enumeration
                                        value="document"/>
                                        <xs:enumeration
                                        value="1306"/>
                                        <xs:enumeration
                                        value="socialservicefee"/>
                                        <xs:enumeration
                                        value="1307"/>
                                        <xs:enumeration
                                        value="prepaidSocialfee"/>
                                        <xs:enumeration
                                        value="prepaidsocialfee"/>
                                        <xs:enumeration
                                        value="1308"/>
                                        <xs:enumeration
                                        value="claim"/>
                                        <xs:enumeration
                                        value="NoShow"/>
                                        <xs:enumeration
                                        value="providerCompensation"/>
                                </xs:enumeration>
                        </xs:restriction>
                </xs:simpleType>
        </xs:attribute>

```



```

        <xs:attribute name="documentType"
type="xs:string" use="optional">
            <xs:annotation>
                <xs:documentation>Specifikation of what kind of document
that are used</xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="noOfDocuments"
type="xs:nonNegativeInteger" use="optional"/>
        <xs:attribute name="seqno"
type="xs:positiveInteger" use="optional"/>
    </xs:complexType>
    <xs:complexType name="exchangeRates">
        <xs:sequence>
            <xs:annotation>
                <xs:documentation>Describes
how transition beetween different currencies is
handled</xs:documentation>
            </xs:annotation>
            <xs:element name="exchangeRate"
type="exchangeRate" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="exchangeRate">
        <xs:sequence>
            <xs:annotation>
                <xs:documentation>Rate
beetween two currencies</xs:documentation>
            </xs:annotation>
            <xs:element name="idCurrencyFrom"
type="idType">
                <xs:annotation>
                    <xs:documentation>Source (src) shall refer to ISO
4217.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="idCurrencyTo"
type="idType">
                <xs:annotation>
                    <xs:documentation>Source (src) shall refer to ISO
4217.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
        <xs:attribute name="exchangeRate"
type="xs:float" use="required"/>
    </xs:complexType>
    <xs:complexType name="resourceType">
        <xs:sequence>
            <xs:annotation>
                <xs:documentation>Describes
vehicle and driver

```

```

See extensive information in UC_3 for use of
resources.</xs:documentation>
    </xs:annotation>
    <xs:element name="vehicle"
type="vehicle" minOccurs="0"/>
    <xs:element
name="manualDescriptionResource" type="manualDescriptionType"
minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="idOrg" type="idType"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Id of a organisation acting as sub
provider to the provider. </xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="driver" type="driver"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Describes the demands of the driver that
vill perform this node</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="vehiclestartLocation"
type="geographicLocation" minOccurs="0">
        <xs:annotation>
            <xs:documentation>client may order vehicle to be
dispatched from this area</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="resourceTime"
type="timesType" minOccurs="0"/>
    </xs:sequence>
    <xs:attribute name="MethodDispatch"
use="optional">
        <xs:annotation>
            <xs:documentation>Only value
Normal presently used. Intended to be used to describe other
authorisations for provider to dispatch an order. E.G breaking up
or combining order.

Please contact Thechnical Commitee if other values than Normal is
uded.</xs:documentation>
        </xs:annotation>
    </xs:simpleType>
    <xs:restriction
base="xs:string">
        <xs:enumeration
value="normal"/>
        <xs:enumeration
value="change"/>
    </xs:restriction>
</xs:simpleType>
</xs:attribute>

```

```

</xs:complexType>
<xs:complexType name="vehicle">
  <xs:sequence>
    <xs:annotation>
      <xs:documentation>Describes
the vehicle used or to be used</xs:documentation>
    </xs:annotation>
    <xs:element name="idVehicle"
type="idType" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Source (src) shall refer to the whole
fleet of the provider or a uniquely defined group of the providers
fleet.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="capacity"
type="capacity" minOccurs="0"/>
    <xs:element name="attributesVehicle"
type="attributesType" minOccurs="0"/>
    <xs:element
name="vehicleCurrentLocation" type="geographicLocation"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>Used then the client wants to specify
the restrictions or trhe requirements of the vehicle position
nescesary for an order.

Its also possible for the provider to specify the current location
of the vehicle at the acceptanse of an order or proposal for an
order.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="contactInfoVehicle"
type="contactInfosType" minOccurs="0"/>
    <xs:element
name="environmentalinfoVehicle" type="environmentalInformation"
minOccurs="0"/>
    <xs:element name="ratingsVehicle"
type="ratingType" minOccurs="0"/>
  </xs:sequence>
  <xs:attribute name="noOfVehicle"
type="xs:positiveInteger" use="optional">
    <xs:annotation>
      <xs:documentation>Used if 2
or more vehicles are ordered in the same order</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="taximeterType"
type="xs:string">
    <xs:annotation>
      <xs:documentation>Type of
taximeter. Manufacturer and model och used
taximeter.</xs:documentation>
    </xs:annotation>
  </xs:attribute>

```

```

        </xs:attribute>
        <xs:attribute name="taximeterSoftware"
type="xs:string">
            <xs:annotation>
                <xs:documentation>The versin
number of the software. The version together with the model are
subject to annual inspection </xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="vehicleLink"/>
    </xs:complexType>
    <xs:complexType name="capacity">
        <xs:sequence>
            <xs:annotation>
                <xs:documentation>How many
seats, the position of seats, luggage spac etc. Please see UC 3_1_3
for a general and or specific documentation of vehicle capacity.

For the attributes there are no practical application. Use of this
has be specified in the self declaration. Please contact the
technical committee.</xs:documentation>
            </xs:annotation>
            <xs:element name="seats" type="seats"/>
            <xs:element name="luggage"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>Luggage refer to international air
transport agreement.
Cabin = 8 kg and 55 x 40 x 23 cm.
Checked = 23 kg and max liner size 158 cm.
Special = e. g. golf bags, ski equipment, musical
instrument.</xs:documentation>
                </xs:annotation>
            </xs:complexType>
            <xs:attribute
name="luggageType">
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:enumeration value="checked"/>
                        <xs:enumeration value="cabin"/>
                        <xs:enumeration value="special"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:attribute>
            <xs:attribute
name="pcs" type="xs:int">
                <xs:annotation>

```

```

    <xs:documentation>Number of pieces.</xs:documentation>

  </xs:annotation>
    </xs:attribute>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
  <xs:attribute name="luggageArea" type="xs:float"
use="optional">
    <xs:annotation>
      <xs:documentation>The volume
of the required or available space for luggage.</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="fullArea" type="xs:float"
use="optional">
    <xs:annotation>
      <xs:documentation>The area of
the required or available space with full vehicle
height.</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="stretcherArea"
type="xs:float" use="optional">
    <xs:annotation>
      <xs:documentation>The area of
the required or available space for stretcher..</xs:documentation>
    </xs:annotation>
  </xs:attribute>
</xs:complexType>
<xs:complexType name="seats">
  <xs:sequence>
    <xs:annotation>
      <xs:documentation>The seats,
its position etc</xs:documentation>
    </xs:annotation>
    <xs:element name="position"
type="position" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>position are used to dedicate a seat for
a traveller. Further information in latest version of UC
3_1_3</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
  <xs:attribute name="noOfSeats"
type="xs:nonNegativeInteger" use="required">
    <xs:annotation>
      <xs:documentation>noOfSeats
is used to indicate the total number of seats.</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="noOfSeatsMax"
type="xs:nonNegativeInteger" use="optional">

```

```

        <xs:annotation>
            <xs:documentation>noOfSeatsMax is used to indicate the max
            number of seats the vehicle can have according to the clients
            request.</xs:documentation>
        </xs:annotation>
    </xs:attribute>
    <xs:attribute name="noOfItems"
type="xs:nonNegativeInteger" use="optional">
        <xs:annotation>
            <xs:documentation>noOfItems
            is used to indicate the total number of people or
            parcels.</xs:documentation>
        </xs:annotation>
    </xs:attribute>
</xs:complexType>
<xs:complexType name="position">
    <xs:annotation>
        <xs:documentation>The characteristics of
a seat position</xs:documentation>
    </xs:annotation>
    <xs:attribute name="row"
type="xs:positiveInteger" use="optional">
        <xs:annotation>
            <xs:documentation>Row are
            counted from the front seat and back and numbered from 1 to
            n.</xs:documentation>
        </xs:annotation>
    </xs:attribute>
    <xs:attribute name="seat" type="xs:string"
use="optional">
        <xs:annotation>
            <xs:documentation>Seat are
            counted from left to right, compare airline seating, and numbered
            A,B, c and so on</xs:documentation>
        </xs:annotation>
    </xs:attribute>
    <xs:attribute name="direction" use="optional">
        <xs:annotation>
            <xs:documentation>Indicates
            the travelling direction. See enumerations</xs:documentation>
        </xs:annotation>
    </xs:attribute>
    <xs:simpleType>
        <xs:restriction
base="xs:string">
            <xs:enumeration
value="1201"/>
            <xs:enumeration
value="forward"/>
            <xs:enumeration
value="1202"/>
            <xs:enumeration
value="backward"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>

```

```

        <xs:attribute name="legSpace" use="optional">
            <xs:annotation>
                <xs:documentation>Indicates
the need of legspace of the traveller. See
enumerations</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction
base="xs:string">
                    <xs:enumeration
value="1211"/>
                    <xs:enumeration
value="comfort"/>
                    <xs:enumeration
value="1212"/>
                    <xs:enumeration
value="normal"/>
                    <xs:enumeration
value="1213"/>
                    <xs:enumeration
value="poor"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="access"
type="xs:nonNegativeInteger" use="optional">
            <xs:annotation>
                <xs:documentation>Access
means the amount of seats that traveller may pass over to reach his
or her dedicated seat. </xs:documentation>
            </xs:annotation>
        </xs:attribute>
    </xs:complexType>
    <xs:complexType name="attributesType">
        <xs:sequence>
            <xs:annotation>
                <xs:documentation>A sequence
of attributes, where the presence of an attribute means that the
existence of the attribute is true</xs:documentation>
            </xs:annotation>
            <xs:element name="attribute"
type="attribute" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="attribute">
        <xs:sequence>
            <xs:annotation>
                <xs:documentation>There is or
should be a presence of the attribute</xs:documentation>
            </xs:annotation>
            <xs:element name="idAttribute"
type="idType">
                <xs:annotation>
                    <xs:documentation>Language: Reference to ISO 639-2

```

```

Other: Reference to the latest version of
SutiAttributeList</xs:documentation>
        </xs:annotation>
    </xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="manualDescriptionType">
    <xs:sequence>
        <xs:annotation>
            <xs:documentation>Any text
aimed for operators, drivers etc</xs:documentation>
        </xs:annotation>
        <xs:element name="idActionText"
type="idType" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Brings the possibility for the Sender to
set up a list of predefined actions or messages tha th receiver shal
take notice of. The is the defined by the sender.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="textTimestamp"
type="timesType" minOccurs="0">
            <xs:annotation>
                <xs:documentation>This is the time then the manual message
will be in effect.</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
    <xs:attribute name="sendtoInvoice"
type="xs:boolean" use="required">
        <xs:annotation>
            <xs:documentation>True =
message shall be sent to invoicing</xs:documentation>
        </xs:annotation>
    </xs:attribute>
    <xs:attribute name="sendtoVehicle"
type="xs:boolean" use="required">
        <xs:annotation>
            <xs:documentation>True =
message shall be sent to vehicle</xs:documentation>
        </xs:annotation>
    </xs:attribute>
    <xs:attribute name="sendtoOperator"
type="xs:boolean" use="required">
        <xs:annotation>
            <xs:documentation>True =
message shall be sent to operator</xs:documentation>
        </xs:annotation>
    </xs:attribute>
    <xs:attribute name="manualText" type="xs:string"
use="required"/>
    <xs:attribute name="vehicleConfirmation"
type="xs:boolean" use="required">
        <xs:annotation>

```



```

                <xs:documentation>True =
confirmation that the recipient has been notified shall be sent to
client.</xs:documentation>
                </xs:annotation>
            </xs:attribute>
            <xs:attribute name="sendingOperator"
type="xs:string">
                <xs:annotation>
                    <xs:documentation>Attribute
to send identity of the operator that has sent this manual
text.</xs:documentation>
                </xs:annotation>
            </xs:attribute>
            <xs:attribute name="sendtoContent"
type="xs:boolean">
                <xs:annotation>
                    <xs:documentation>True =
message shall be sent to content.</xs:documentation>
                </xs:annotation>
            </xs:attribute>
            <xs:attribute name="contentConfirmation"
type="xs:boolean">
                <xs:annotation>
                    <xs:documentation>True =
confirmation that the recipient has been notified shall be sent to
provider.</xs:documentation>
                </xs:annotation>
            </xs:attribute>
        </xs:complexType>
        <xs:complexType name="driver">
            <xs:annotation>
                <xs:documentation>attributes for the
driver</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="attributesDriver"
type="attributesType" minOccurs="0"/>
                <xs:element name="idDriver"
type="idType" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Source (src) shall refer to the
providers staff of drivers och a uniquely defined group of the
providers staff of drivers.</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="contactInfoDriver"
type="contactInfosType" minOccurs="0"/>
                <xs:element name="ratingsDriver"
type="ratingType" minOccurs="0"/>
            </xs:sequence>
            <xs:attribute name="name" type="xs:string"
use="optional"/>
            <xs:attribute name="driverLink"/>
        </xs:complexType>
        <xs:complexType name="route">

```

```

        <xs:sequence>
            <xs:annotation>
                <xs:documentation>A distinct
description of an action of the type pickup, dropoff etc for a
specific content with specification of addresses, times, attributes
etc involved. The nodes shall normally be presented in the sequence
that they shall be performed. </xs:documentation>
            </xs:annotation>
            <xs:element name="node" type="node"
maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="node">
        <xs:sequence>
            <xs:annotation>
                <xs:documentation>Description
of the node. Point is a synonym for node. The node can be either of
the types pickup, destination, navigation or
action.</xs:documentation>
            </xs:annotation>
            <xs:element name="addressNode"
minOccurs="0">
                <xs:complexType
mixed="false">
                    <xs:complexContent>
                        <xs:extension base="addressType"/>
                    </xs:complexContent>
                </xs:complexType>
            </xs:element>
            <xs:element name="timesNode"
type="timesType" minOccurs="0"/>
            <xs:element name="contents"
type="contents" minOccurs="0"/>
            <xs:element name="nodeprocess"
minOccurs="0">
                <xs:complexType
                    <xs:complexContent>
                        <xs:extension base="nodeprocess"/>
                    </xs:complexContent>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
        <xs:attribute name="nodeSeqno"
type="xs:positiveInteger" use="required">
            <xs:annotation>
                <xs:documentation>Sequence
number of included nodes. Sequence shall start with the lowest
number and continue in rising order to the highest.
            </xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="nodeType" use="required">

```

```

        <xs:annotation>
            <xs:documentation>Type of
node. See enumerations.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction
base="xs:string">
                <xs:enumeration
value="1801"/>
                <xs:enumeration
value="action"/>
                <xs:enumeration
value="1802"/>
                <xs:enumeration
value="navigation"/>
                <xs:enumeration
value="1803"/>
                <xs:enumeration
value="pickup"/>
                <xs:enumeration
value="1804"/>
                <xs:enumeration
value="destination"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="subnodeType" use="optional">
        <xs:annotation>
            <xs:documentation>subnodeType
are used to further define nodeType "action". See
enumerations.</xs:documentation>
        </xs:annotation>
    </xs:attribute>
    <xs:simpleType>
        <xs:restriction
base="xs:string">
            <xs:enumeration
value="1901"/>
            <xs:enumeration
value="break"/>
            <xs:enumeration
value="1902"/>
            <xs:enumeration
value="driverassist"/>
            <xs:enumeration
value="1903"/>
            <xs:enumeration
value="mobaidpickup"/>
            <xs:enumeration
value="1904"/>
            <xs:enumeration
value="mobaiddropoff"/>
            <xs:enumeration
value="1905"/>
            <xs:enumeration
value="ferrydeparture"/>
        </xs:restriction>
    </xs:simpleType>

```

```

value="1906"/>
value="ferryarrival"/>
value="1907"/>
value="waitforinstructions"/>
value="1908"/>
value="flagstop"/>
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
<xs:complexType name="timesType">
  <xs:sequence>
    <xs:annotation>
      <xs:documentation>Scheduled
time and/or estimated time and/or actual time</xs:documentation>
    </xs:annotation>
    <xs:element name="time" type="time"
minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="time">
  <xs:annotation>
    <xs:documentation>Should normally be
the local time.</xs:documentation>
  </xs:annotation>
  <xs:attribute name="timeAccuracy"
type="xs:string" use="optional">
    <xs:annotation>
      <xs:documentation>Used to
indicate accepted deviation in attribute time</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="timeZone" type="xs:integer"
use="optional">
    <xs:annotation>
      <xs:documentation>Timezone
used in communication. Default is local timezone. See ISO 8601 for
more information.</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="time" type="xs:dateTime"
use="required" form="unqualified"/>
  <xs:attribute name="dwellTime" type="xs:int"
use="optional">
    <xs:annotation>
      <xs:documentation>Manual
processing time at the node to be able to assist
traveller.</xs:documentation>
    </xs:annotation>
  </xs:attribute>

```

```

        <xs:attribute name="timeType" use="optional">
            <xs:annotation>
                <xs:documentation>Type of
time. See enumerations</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction
base="xs:string">
                    <xs:enumeration
value="2101"/>
                    <xs:enumeration
value="scheduledtime"/>
                    <xs:enumeration
value="2102"/>
                    <xs:enumeration
value="estimatedtime"/>
                    <xs:enumeration
value="2103"/>
                    <xs:enumeration
value="promisedtime"/>
                    <xs:enumeration
value="2104"/>
                    <xs:enumeration
value="actual"/>
                    <xs:enumeration
value="2105"/>
                    <xs:enumeration
value="scheduled"/>
                    <xs:enumeration
value="2107"/>
                    <xs:enumeration
value="estimated"/>
                    <xs:enumeration
value="2106"/>
                    <xs:enumeration
value="promised"/>
                    <xs:enumeration
value="2108"/>
                    <xs:enumeration
value="asap"/>
                    <xs:enumeration
value="estimatedEndtime"/>
                    <xs:enumeration
value="estimatedStarttime"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
    <xs:complexType name="date">
        <xs:annotation>
            <xs:documentation>Should normally be
the local time.</xs:documentation>
        </xs:annotation>
        <xs:attribute name="date" type="xs:date"
use="required" form="unqualified"/>
    </xs:complexType>

```

```

    <xs:complexType name="addressType">
      <xs:sequence>
        <xs:annotation>
          <xs:documentation>The address
known to receiving system</xs:documentation>
        </xs:annotation>
        <xs:element
name="manualDescriptionAddress" type="manualDescriptionType"
minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="geographicLocation"
type="geographicLocation" minOccurs="0"/>
        <xs:element name="idAddressName"
type="idType" minOccurs="0">
          <xs:annotation>
            <xs:documentation>This brings the possibility to specify
an identity for the organization at the address. The source and the
use should be described in a self declaration.</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="idStreet"
minOccurs="0">
          <xs:annotation>
            <xs:documentation>This brings the possibility to refer to
national or comercial map data.</xs:documentation>
          </xs:annotation>
        </xs:complexType>
        <xs:complexType>
          <xs:complexContent>
            <xs:extension base="idType"/>
          </xs:complexContent>
        </xs:complexType>
        </xs:element>
        <xs:element name="idPostalCode"
type="idType" minOccurs="0">
          <xs:annotation>
            <xs:documentation>This brings the possibility to refer to
a nationally defined postal code.</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="idCommunity"
type="idType" minOccurs="0">
          <xs:annotation>
            <xs:documentation>This brings the possibility to refer to
a national id for municipality.</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="idCountry"
type="idType" minOccurs="0">
          <xs:annotation>

```

```

        <xs:documentation>Id identifying Country. Source (src)
shall refer to ISO 3166-1</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element name="idZone" type="idType"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>

        <xs:documentation>Id of a used Zone or zoneset. Source
(src) shall refer to either a general zone defined between sender
and receiver or to a zoneset used by one or both of the
systems.</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element name="idMap" type="idType"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>

        <xs:documentation>Used map. Source (src) shall refer to
used map.</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element name="attributeAddress"
type="attributesType" minOccurs="0">
                <xs:annotation>

        <xs:documentation>Attributes of addressNode. Mainly an
attribute indicating a special need for a specific traveller at this
specific address. But may be used in other type of contents such as
parcel.</xs:documentation>
                </xs:annotation>
        </xs:element>
        </xs:sequence>
        <xs:attribute name="addressName"
type="xs:string" use="optional">
                <xs:annotation>
                        <xs:documentation>Used to
give the possibility to give the name of a hospital, a restaurant
etc.</xs:documentation>
                </xs:annotation>
        </xs:attribute>
        <xs:attribute name="street" type="xs:string"
use="optional">
                <xs:annotation>
                        <xs:documentation>The official
name of the street</xs:documentation>
                </xs:annotation>
        </xs:attribute>
        <xs:attribute name="streetNo"
type="xs:positiveInteger" use="optional"/>
        <xs:attribute name="streetNoLetter"
type="xs:string" use="optional"/>
        <xs:attribute name="location" type="xs:string"
use="optional">
                <xs:annotation>

```

```

                                <xs:documentation>Normally
the postal address name. or even smaller area
names.</xs:documentation>
                                </xs:annotation>
                                </xs:attribute>
                                <xs:attribute name="community" type="xs:string"
use="optional">
                                <xs:annotation>
                                    <xs:documentation>Normally
the wider area for several locations. For example swedish
"kommun".</xs:documentation>
                                </xs:annotation>
                                </xs:attribute>
                                <xs:attribute name="postalNo" type="xs:string"
use="optional"/>
                                <xs:attribute name="country" type="xs:string"
use="optional"/>
                                <xs:attribute name="mapPage" type="xs:string"
use="optional">
                                <xs:annotation>
                                    <xs:documentation>If this is
used please inform Thechnical Committe about
this.</xs:documentation>
                                </xs:annotation>
                                </xs:attribute>
                                </xs:complexType>
                                <xs:complexType name="geographicLocation">
                                    <xs:sequence>
                                        <xs:annotation>
                                            <xs:documentation>The
coordinates for the address and potentially a known zone.

See UC_3.1 for extensive description
                                </xs:documentation>
                                        </xs:annotation>
                                        <xs:element name="vehicleDistance"
type="vehicleDistance" minOccurs="0" maxOccurs="unbounded"/>
                                        </xs:sequence>
                                        <xs:attribute name="zone" type="xs:string"
use="optional">
                                            <xs:annotation>
                                                <xs:documentation>A
description of a geographic area that has to bee agreed upon between
Client and Provider.</xs:documentation>
                                            </xs:annotation>
                                            </xs:attribute>
                                        <xs:attribute name="typeOfCoordinate"
use="required">
                                            <xs:annotation>
                                                <xs:documentation>Shall be of
type WGS84.</xs:documentation>
                                            </xs:annotation>
                                        </xs:simpleType>
                                        <xs:restriction
base="xs:string">

```



```

value="WGS84"/>
value="WGS-84"/>
value="RT90"/>
</xs:restriction>
</xs:simpleType>
</xs:attribute>
<xs:attribute name="lat" type="xs:float"
use="required">
<xs:annotation>
<xs:documentation>See
documentation in Use Cases.</xs:documentation>
</xs:annotation>
</xs:attribute>
<xs:attribute name="long" type="xs:float"
use="required">
<xs:annotation>
<xs:documentation>See
documentation in Use Cases.</xs:documentation>
</xs:annotation>
</xs:attribute>
<xs:attribute name="precision" type="xs:integer"
use="required">
<xs:annotation>
<xs:documentation>Precision
shall be from GPS-unit in vehicle and measured in meter. This is the
deviation in position measured by the GPS-unit.</xs:documentation>
</xs:annotation>
</xs:attribute>
<xs:attribute name="speed" type="xs:float"
use="optional">
<xs:annotation>
<xs:documentation>Speed shall
be from GPS-unit in vehicle and measured in meter per
second.</xs:documentation>
</xs:annotation>
</xs:attribute>
<xs:attribute name="speedSource" use="optional">
<xs:annotation>
<xs:documentation>Speed
measured at GPS or VEHICLE.</xs:documentation>
</xs:annotation>
</xs:simpleType>
<xs:restriction
base="xs:string">
<xs:enumeration
value="gpsunit"/>
<xs:enumeration
value="taximeter"/>
</xs:restriction>
</xs:simpleType>
</xs:attribute>
<xs:attribute name="direction" type="xs:integer"
use="optional">

```

```

                <xs:annotation>
                    <xs:documentation>Direction
shall be from GPS-unit in vehichle and measured in degrees (0 - 360
degrees).</xs:documentation>
                </xs:annotation>
            </xs:attribute>
            <xs:attribute name="height" type="xs:float"
use="optional">
                <xs:annotation>
                    <xs:documentation>Height
shall be from GPS-unit in vehichle and measured in meter. May be
measured in meter with decimals.</xs:documentation>
                </xs:annotation>
            </xs:attribute>
            <xs:attribute name="deviationSpeed"
type="xs:float" use="optional">
                <xs:annotation>
                    <xs:documentation>Deviation
in speed.</xs:documentation>
                </xs:annotation>
            </xs:attribute>
        </xs:complexType>
        <xs:complexType name="contents">
            <xs:sequence>
                <xs:annotation>
                    <xs:documentation>Description
of the contents for each node</xs:documentation>
                </xs:annotation>
                <xs:element name="content"
type="content" minOccurs="0" maxOccurs="unbounded"/>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="content">
            <xs:sequence>
                <xs:annotation>
                    <xs:documentation>Description
for a single content</xs:documentation>
                </xs:annotation>
                <xs:element name="idContent"
minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>personal id or corresponding parcelid.
The source shall be described in self
declaration.</xs:documentation>
                    </xs:annotation>
                </xs:complexType>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="idContent"
mixed="false">
            <xs:sequence>
                <xs:complexType base="idType"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

                <xs:element name="attributeContent"
type="attributesType" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Attributes of idContent. Mainly a
traveller but may be used in other type of contents such as
parcel.</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="economyContent"
type="economyType" minOccurs="0"/>
                <xs:element name="resourceContent"
type="resourceType" minOccurs="0"/>
                <xs:element
name="manualDescriptionContent" type="manualDescriptionType"
minOccurs="0" maxOccurs="unbounded"/>
                <xs:element name="contactInfosContent"
type="contactInfosType" minOccurs="0"/>
                <xs:element name="connection"
type="connection" minOccurs="0"/>
                <xs:element name="subOrderContent"
type="subOrderType" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>in case one or several nodes is built
from a subOrder in clients system these ordernumbers can be placed
here. Observe that the same suborder number may occur in several
nodes and the suborder therefore may consists of several nodes. The
system of the provider can store these orders separately and can by
using message 2040 tell the client its corresponding
ordernumbers</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="productContent"
type="product" minOccurs="0"/>
            </xs:sequence>
            <xs:attribute name="contentType" use="required">
                <xs:annotation>
                    <xs:documentation>Type of
content. See enumerations</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction
base="xs:string">
                        <xs:enumeration
value="1001"/>
                        <xs:enumeration
value="traveller"/>
                        <xs:enumeration
value="1002"/>
                        <xs:enumeration
value="parcel"/>
                        <xs:enumeration
value="1003"/>
                        <xs:enumeration
value="action"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:attribute>
        </xs:sequence>
    </xs:element>

```

```

value="1004"/>
value="navigation"/>
value="1005"/>
value="companion"/>
value="1006"/>
value="coTraveller"/>
value="1007"/>
value="child"/>
value="1008"/>
value="animal"/>
</xs:restriction>
</xs:simpleType>
</xs:attribute>
<xs:attribute name="name" type="xs:string"
use="required">
<xs:annotation>
<xs:documentation>The name of
the traveller. Its displayed on the vehicle
equipment.</xs:documentation>
</xs:annotation>
</xs:attribute>
<xs:attribute name="maxTravelDuration"
use="optional">
<xs:annotation>
<xs:documentation>Indicates
the maximum time in minutes the content can spend in the
vehicle.</xs:documentation>
</xs:annotation>
</xs:attribute>
<xs:attribute name="gender" use="optional">
<xs:simpleType>
<xs:restriction
base="xs:string">
<xs:enumeration
value="female"/>
<xs:enumeration
value="male"/>
<xs:enumeration
value="child"/>
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
<xs:complexType name="connection">
<xs:sequence>
<xs:annotation>

```



```

</xs:complexType>
<xs:complexType name="associatedReservation">
  <xs:sequence>
    <xs:annotation>
      <xs:documentation>If the
related event has a reservation in another system like a booking in
airline reservation system.</xs:documentation>
    </xs:annotation>
    <xs:element name="addressReservation"
type="addressType"/>
    <xs:element name="timesReservation"
type="timesType"/>
    <xs:element name="orgReservation"
type="orgType" minOccurs="0"/>
    <xs:element name="idReservation"
type="idType" minOccurs="0"/>
    <xs:element
name="contactInfosReservation" type="contactInfosType"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="contactInfosType">
  <xs:sequence>
    <xs:annotation>
      <xs:documentation>Contains
different kinds of contact elements like tel, mobile, email
etc</xs:documentation>
    </xs:annotation>
    <xs:element name="contactInfo"
type="contactInfo" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="contactInfo">
  <xs:annotation>
    <xs:documentation>The telno,
mailaddress etc</xs:documentation>
  </xs:annotation>
  <xs:attribute name="contactType" use="required">
    <xs:annotation>
      <xs:documentation>type of
contact. See enumerations</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction
base="xs:string">
        <xs:enumeration
value="2201"/>
        <xs:enumeration
value="mail"/>
        <xs:enumeration
value="2202"/>
        <xs:enumeration
value="phone"/>
        <xs:enumeration
value="2203"/>
        <xs:enumeration
value="fax"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:attribute>
</xs:complexType>

```

```

value="2204"/>
value="otherInfo"/>
value="2205"/>
value="sms"/>
value="2206"/>
value="bookingagent"/>
value="2207"/>
value="web"/>
</xs:restriction>
</xs:simpleType>
</xs:attribute>
<xs:attribute name="contactInfo"
type="xs:string" use="required">
<xs:annotation>
<xs:documentation>Number or
adress for contact</xs:documentation>
</xs:annotation>
</xs:attribute>
</xs:complexType>
<xs:complexType name="orderReject">
<xs:sequence>
<xs:annotation>
<xs:documentation>Reject
reasons, potential new provider etc</xs:documentation>
</xs:annotation>
<xs:element name="attributesReject"
minOccurs="0">
<xs:annotation>
<xs:documentation>Indicates which attributes that the
rejection of this order are based upon.</xs:documentation>
</xs:annotation>
<xs:complexType
mixed="false">
<xs:complexContent>
<xs:extension base="attributesType"/>
</xs:complexContent>
</xs:complexType>
</xs:element>
<xs:element name="orgNewProvider"
type="orgType" minOccurs="0"/>
<xs:element name="resourceReject"
type="resourceType" minOccurs="0">
<xs:annotation>

```

```

        <xs:documentation>Indicates which resources that the
rejection of this order are based upon.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="orderSentBefore"
minOccurs="0">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="idMsg" type="idType"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="cancellationConsequence">
    <xs:sequence>
        <xs:annotation>
            <xs:documentation>Whether a
cancellation is ok, not ok or their are
consequences</xs:documentation>
        </xs:annotation>
        <xs:element name="economyCancellation"
type="economyType" minOccurs="0"/>
    </xs:sequence>
    <xs:attribute name="cancellationAcceptance"
type="xs:boolean" use="required">
        <xs:annotation>
            <xs:documentation>The values
True or False describes if cancellation request is accected or not.
If the cancellation is not accepted, referenceTo shall have a reason
for not accepting.</xs:documentation>
        </xs:annotation>
    </xs:attribute>
    <xs:attribute name="cancellationConsequence"
type="xs:boolean" use="required">
        <xs:annotation>
            <xs:documentation>If the
value is True the cancellation acceptance must be True. The True
value indicates that its a "cost" for a
cancellation.</xs:documentation>
        </xs:annotation>
    </xs:attribute>
</xs:complexType>
<xs:complexType name="pickupConfirmation">
    <xs:sequence>
        <xs:annotation>
            <xs:documentation>To describe
events for a node. The events are described in detail in UC
3_2.</xs:documentation>
        </xs:annotation>
        <xs:element name="nodeConfirmed"
type="node" minOccurs="0"/>
    </xs:sequence>
    <xs:attribute name="eventType" use="optional">

```



```

        <xs:annotation>
            <xs:documentation>Used to
indicate the type of confirmation</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction
base="xs:string">
                <xs:enumeration
value="1701"/>
                <xs:enumeration
value="passengerinvehicle"/>
                <xs:enumeration
value="1702"/>
                <xs:enumeration
value="passengerdropped"/>
                <xs:enumeration
value="1703"/>
                <xs:enumeration
value="noshow"/>
                <xs:enumeration
value="1704"/>
                <xs:enumeration
value="parcelinvehicle"/>
                <xs:enumeration
value="1705"/>
                <xs:enumeration
value="parceldropped"/>
                <xs:enumeration
value="1706"/>
                <xs:enumeration
value="actiondone"/>
                <xs:enumeration
value="1707"/>
                <xs:enumeration
value="navigationdone"/>
                <xs:enumeration
value="1708"/>
                <xs:enumeration
value="cancelatdoor"/>
                <xs:enumeration
value="1709"/>
                <xs:enumeration
value="vehicleatnode"/>
                <xs:enumeration
value="1710"/>
                <xs:enumeration
value="infotocontent"/>
                <xs:enumeration
value="1711"/>
                <xs:enumeration
value="dispatchconfirmationsent"/>
                <xs:enumeration
value="1712"/>
                <xs:enumeration
value="delayconfirmationsent"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:annotation>

```

```

value="1713"/>
value="arrivalconfirmationsent"/>
value="1714"/>
value="start"/>
value="1715"/>
value="stop"/>
value="1716"/>
value="acceptOrder"/>
value="1717"/>
value="vehicleExitNode"/>
value="1718"/>
value="nocontentAtNode"/>
value="1719"/>
value="contentAtNode"/>
value="1720"/>
value="contentNoShow"/>
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
<xs:complexType name="subOrderType">
<xs:sequence>
<xs:annotation>
<xs:documentation>Identification of original orders in a
combined order</xs:documentation>
</xs:annotation>
<xs:element name="idOrder"
type="idType" maxOccurs="unbounded"/>
</xs:sequence>
</xs:complexType>
<xs:complexType name="eventType">
<xs:annotation>
<xs:documentation>Not used?
If anyone uses it please inform Technicla
Commitee.</xs:documentation>
</xs:annotation>
</xs:complexType>
<xs:complexType name="orderReport">

```

```

        <xs:sequence>
            <xs:annotation>
                <xs:documentation>Then sent
from the provider to the client it defines that an order is finished
in its operation. The message should be sent imediately after the
driver finished the order. This message is designed to be able to
send massive information regarding the order. The client should
specify in a self declaration wich data the provider should send as
a minimum.</xs:documentation>
            </xs:annotation>
            <xs:element name="eventReport"
type="eventReport" minOccurs="0"/>
            <xs:element name="summaryReport"
type="summaryReport" maxOccurs="unbounded"/>
            <xs:element name="economyReport"
type="economyReport" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="eventReport">
        <xs:sequence>
            <xs:annotation>
                <xs:documentation>TU is
uncertain to the use of eventReport since the use of 4010
pickupConfirmation is more used to give information about an event.
Pls inform TU about any usage of eventReport.</xs:documentation>
            </xs:annotation>
            <xs:element name="event" type="event"
minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="event">
        <xs:sequence>
            <xs:element name="eventTime"
type="time" minOccurs="0"/>
            <xs:element name="subOrderEvent"
type="subOrderType" minOccurs="0"/>
            <xs:element name="eventAddress"
type="addressType" minOccurs="0"/>
            <xs:element name="eventContent"
type="content" minOccurs="0"/>
        </xs:sequence>
        <xs:attribute name="nodeSeqNo"
type="xs:positiveInteger"/>
        <xs:attribute name="eventType" use="required">
            <xs:simpleType>
                <xs:restriction
base="xs:string">
                    <xs:enumeration
value="1716"/>
                    <xs:enumeration
value="acceptOrder"/>
                    <xs:enumeration
value="1714"/>
                    <xs:enumeration
value="start"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>

```

value="1715"/>	<xs:enumeration
value="stop"/>	<xs:enumeration
value="pickup"/>	<xs:enumeration
value="destination"/>	<xs:enumeration
value="navigation"/>	<xs:enumeration
value="action"/>	<xs:enumeration
value="1701"/>	<xs:enumeration
value="passengerinvehicle"/>	<xs:enumeration
value="1702"/>	<xs:enumeration
value="passengerdropped"/>	<xs:enumeration
value="1703"/>	<xs:enumeration
value="noshow"/>	<xs:enumeration
value="1704"/>	<xs:enumeration
value="parcelinvehicle"/>	<xs:enumeration
value="1705"/>	<xs:enumeration
value="parceldropped"/>	<xs:enumeration
value="1706"/>	<xs:enumeration
value="actiondone"/>	<xs:enumeration
value="1707"/>	<xs:enumeration
value="navigationdone"/>	<xs:enumeration
value="1708"/>	<xs:enumeration
value="cancelatdoor"/>	<xs:enumeration
value="1709"/>	<xs:enumeration
value="vehicleatnode"/>	<xs:enumeration
value="1710"/>	<xs:enumeration
value="infotocontent"/>	<xs:enumeration
value="1711"/>	<xs:enumeration
value="dispatchconfirmationsent"/>	<xs:enumeration

```

value="1712"/>
value="delayconfirmationsent"/>
value="1713"/>
value="arrivalconfirmationsent"/>
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
<xs:complexType name="summaryReport">
  <xs:sequence>
    <xs:annotation>
      <xs:documentation>This is
used for provider to inform client of vehicle, total time and total
distance of an order.</xs:documentation>
    </xs:annotation>
    <xs:element name="subOrderSummary"
type="subOrderType" minOccurs="0"/>
  </xs:sequence>
  <xs:attribute name="vehicle" type="xs:string">
    <xs:annotation>
      <xs:documentation>Vehicle
that has performed this order. This is the identification in the
provider system.</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="durationStart"
type="xs:integer">
    <xs:annotation>
      <xs:documentation>Duration
from start of order measured in seconds</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="distanceStart"
type="xs:integer">
    <xs:annotation>
      <xs:documentation>Distance
from start of order measured in meters</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="orderEnded"
type="xs:boolean" use="optional">
    <xs:annotation>
      <xs:documentation>Indicates
that this order is finished.</xs:documentation>
    </xs:annotation>
  </xs:attribute>
</xs:complexType>
<xs:complexType name="economyReport">
  <xs:sequence>
    <xs:annotation>
      <xs:documentation>If used it
gives the client to get information of the legally specified economic

```

information in the vehicle (taximeter information). This must not be equal to the settlement between the client and the provider.</xs:documentation>

```

    </xs:annotation>
    <xs:element name="formOfPayment"
type="formOfPayment"/>
    <xs:element name="subOrderEconomy"
type="subOrderType" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Used if economyreport are sent for each
suborder</xs:documentation>
        </xs:annotation>
    </xs:element>
</xs:sequence>
    <xs:attribute name="nodeSeqno"
type="xs:positiveInteger">
        <xs:annotation>
            <xs:documentation>Used if
economyreport are sent for each node</xs:documentation>
        </xs:annotation>
    </xs:attribute>
</xs:complexType>
<xs:complexType name="orderLink">
    <xs:sequence>
        <xs:annotation>
            <xs:documentation>The use is
described in UC 3_1_1_5</xs:documentation>
        </xs:annotation>
        <xs:element name="idOrder"
type="idType" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>ids for the combined
order</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="subOrderLink"
type="subOrderType" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>ids for all included
suborders</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="locationRequest">
    <xs:sequence>
        <xs:annotation>
            <xs:documentation>Used to get
the position of vehicles. In referencesTo the scope of the vehicles
will be defines. In case none of timeFrom, timeTo and interval is
present the responce from the provider shall only one position with
a immediate responce. In case of timeFrom, timeTo or inteval is
```

```

present the provider shall send the response repetitive for the
interval specified.</xs:documentation>
    </xs:annotation>
    <xs:element name="timeFrom" type="time"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Time to start sending positions to
Client</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="timeTo" type="time"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Time to stop sending positions to
Client</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="interval"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Interval between
positions</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:attribute
name="seconds" type="xs:integer" use="optional"/>
            <xs:attribute
name="meter" type="xs:integer" use="optional"/>
        </xs:complexType>
    </xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="authorizationAcceptType">
    <xs:sequence>
        <xs:annotation>
            <xs:documentation>This is the
answer to a message 2900 where the order is created in the provider
system and the client can accept this order. In UC 3_2 Flagstops you
will find an example of this. Other use may be where the provider
system has been authorized to locally create an order.
</xs:documentation>
        </xs:annotation>
        <xs:element name="idAuthorization"
type="idType"/>
        <xs:element name="process"
type="nodeprocess"/>
        <xs:element name="restrictions"
type="restrictionsType"/>
        <xs:element name="contents"
type="contents"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="amountType">

```

```

        <xs:sequence>
            <xs:element name="idAmount"
type="idType" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>To specify an ID for an account to
use.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
        <xs:attribute name="amountInclVat"
type="xs:float" use="required"/>
        <xs:attribute name="amountExclVat"
type="xs:float"/>
        <xs:attribute name="amountVat" type="xs:float"
use="required"/>
        <xs:attribute name="distance" type="xs:integer">
            <xs:annotation>
                <xs:documentation>Distance in
meter</xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="duration" type="xs:integer">
            <xs:annotation>
                <xs:documentation>Duration in
seconds</xs:documentation>
            </xs:annotation>
        </xs:attribute>
    </xs:complexType>
    <xs:complexType name="restrictionsType">
        <xs:sequence>
            <xs:annotation>
                <xs:documentation>Used in
case the client has monetary or geographical restrictions for the
authorization.</xs:documentation>
            </xs:annotation>
            <xs:element name="priceRestriction"
type="price"/>
            <xs:element name="adressRestrictions"
minOccurs="0">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="addressRestriction" type="addressType"
maxOccurs="unbounded"/>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
        <xs:attribute name="distance"
type="xs:integer"/>
    </xs:complexType>
    <xs:complexType name="deliveryNote">
        <xs:sequence>
            <xs:annotation>

```



```

                                <xs:documentation>The
startnode that shall be cancelled. Often a pickup</xs:documentation>
                                </xs:annotation>
                                </xs:attribute>
                                <xs:attribute name="nodeEnd"
type="xs:positiveInteger" use="optional">
                                <xs:annotation>
                                    <xs:documentation>The endnode
that shall be cancelled. Often a destination</xs:documentation>
                                </xs:annotation>
                                </xs:attribute>
                                </xs:complexType>
                                <xs:complexType name="nodeCancellationType">
                                    <xs:attribute name="nodeStart"
type="xs:positiveInteger" use="required">
                                        <xs:annotation>
                                            <xs:documentation>The
startnode (nodeSeqNo) that shall be cancelled. Often a
pickup</xs:documentation>
                                        </xs:annotation>
                                        </xs:attribute>
                                        <xs:attribute name="nodeEnd"
type="xs:positiveInteger" use="optional">
                                            <xs:annotation>
                                                <xs:documentation>The endnode
(nodeSeqNo) that shall be cancelled. Often a
destination</xs:documentation>
                                            </xs:annotation>
                                            </xs:attribute>
                                        </xs:complexType>
                                        <xs:complexType name="resourceReservation">
                                            <xs:sequence>
                                                <xs:element name="resourceRequest"
type="resourceType" minOccurs="0">
                                                    <xs:annotation>
                                                        <xs:documentation>Requested resources</xs:documentation>
                                                    </xs:annotation>
                                                </xs:element>
                                                <xs:element name="addressRequest"
type="addressType" minOccurs="0">
                                                    <xs:annotation>
                                                        <xs:documentation>Requested address</xs:documentation>
                                                    </xs:annotation>
                                                </xs:element>
                                                <xs:element name="missionbeginTime"
type="timesType">
                                                    <xs:annotation>
                                                        <xs:documentation>The time the requested resource has to
be att the startingpoint of the mission.</xs:documentation>
                                                    </xs:annotation>
                                                </xs:element>
                                                <xs:element name="missionendTime"
type="timesType" minOccurs="0">

```

```

        <xs:annotation>
            <xs:documentation>The time that the mission is estimated
to end.</xs:documentation>
        </xs:annotation>
    </xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="vehicleDistance">
    <xs:sequence>
        <xs:annotation>
            <xs:documentation>Restriction
in vehicle positioning in order to be accepted in a proposal of
availability always to be used as a part of geographic
location.</xs:documentation>
        </xs:annotation>
        <xs:element name="startTime"
type="timesType">
            <xs:annotation>
                <xs:documentation>The time period to propose car
starts</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="stopTime"
type="timesType">
            <xs:annotation>
                <xs:documentation>The time period to propose car
stops</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
    <xs:attribute name="range" type="xs:int">
        <xs:annotation>
            <xs:documentation>The
distance within which an unoccupied vehicle shall be proposed
</xs:documentation>
        </xs:annotation>
    </xs:attribute>
    <xs:attribute name="rangeUnit" use="optional">
        <xs:annotation>
            <xs:documentation>Type of
unit in range.</xs:documentation>
        </xs:annotation>
    </xs:attribute>
    <xs:restriction
base="xs:string">
        <xs:enumeration
value="meter"/>
        <xs:enumeration
value="seconds"/>
    </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>

```

```

        <xs:complexType name="calendarType">
            <xs:sequence>
                <xs:element name="validPeriod"
minOccurs="0">
                    <xs:complexType>
                        <xs:attribute
name="validFrom" type="xs:dateTime"/>
                        <xs:attribute
name="validTo" type="xs:dateTime"/>
                        <xs:attribute
name="weekType">
                            <xs:simpleType>
                                <xs:restriction base="xs:string">
                                    <xs:enumeration value="all"/>
                                    <xs:enumeration value="odd"/>
                                    <xs:enumeration value="even"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:attribute>
                    </xs:complexType>
                </xs:element>
                <xs:element name="validWeekdays"
type="weekdaysType" minOccurs="0"/>
                <xs:element name="exceptionDates"
minOccurs="0">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="exceptionDate" type="date" minOccurs="0"
maxOccurs="unbounded"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="additionalDates"
minOccurs="0">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="additionalDate" type="date"
minOccurs="0" maxOccurs="unbounded"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
            </xs:sequence>
        </xs:complexType name="weekdaysType">
            <xs:attribute name="monday" type="xs:boolean"/>
            <xs:attribute name="tuesday" type="xs:boolean"/>

```

```

        <xs:attribute name="wednesday"
type="xs:boolean"/>
        <xs:attribute name="thursday"
type="xs:boolean"/>
        <xs:attribute name="friday" type="xs:boolean"/>
        <xs:attribute name="saturday"
type="xs:boolean"/>
        <xs:attribute name="sunday" type="xs:boolean"/>
    </xs:complexType>
    <xs:complexType name="requestContentType">
        <xs:choice>
            <xs:element name="requestContent"
type="idType" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>personal id or corresponding
parcelid</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="requestVehicle"
type="vehicle" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Source (src) shall refer to the whole
fleet of the provider och a uniquely defined group of the providers
fleet.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="requestPrice"
type="order" minOccurs="0"/>
            <xs:element name="requestCustomer"
type="idType" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>CustomerID for a specific customer or a
0 for All customers </xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="requestOrg"
type="organizationType" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>The element describes identification and
payment elements for one and only one organizational
unit.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:choice>
    </xs:complexType>
    <xs:complexType name="suborderTourType">
        <xs:sequence>
            <xs:element name="eventSuborderTour"
minOccurs="0" maxOccurs="unbounded">
                <xs:complexType>
                    <xs:complexContent>

```

```

<xs:extension base="event"/>

</xs:complexContent>
</xs:complexType>
</xs:element>
<xs:element name="idSuborderClient"
type="idType" minOccurs="0"/>
<xs:element name="idSuborderProvider"
type="idType" minOccurs="0"/>
<xs:element
name="summaryReportSuborder" type="summaryReport" minOccurs="0"/>
<xs:element
name="economyReportSuborder" type="economyReport" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
<xs:complexType name="calculationFareType">
<xs:sequence>
<xs:element name="calculationType"
type="idType" minOccurs="0">
<xs:annotation>
<xs:documentation>Identity of the used
tariff</xs:documentation>
</xs:annotation>
</xs:element>
<xs:choice>
<xs:element
name="fixedPriceAmount" type="xs:float" minOccurs="0">
<xs:annotation>
<xs:documentation>Amount of a fixed
price</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element
name="taximeterAmount" minOccurs="0">
<xs:annotation>
<xs:documentation>Amount from Taximeter</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element name="startPrice" type="xs:float"/>
<xs:element name="distanceTotalPrice">
<xs:complexType>
<xs:sequence>
<xs:element
name="distanceCount" type="xs:float"/>

```

```

                <xs:element
name="distanceUnitPrice" type="xs:float"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="durationTotalPrice">
        <xs:complexType>
            <xs:sequence>
                <xs:element
name="durationCount" type="xs:float"/>
                <xs:element
name="durationUnitPrice" type="xs:float"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="taximeterTotalPrice" type="xs:float"/>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
<xs:complexType name="organizationType">
    <xs:annotation>
        <xs:documentation>The element describes
identification and payment elements for one and only one
organizational unit.</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="idOrg" type="idType"
maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>One or more of the folowing sources
shall be used:
SE:idOrg, DK:idOrg, SF:idOrg etc for the national organisation
number.
EU:idVAT for the european VAT identification number.
Å-nvoiceissuer:idCustomer
invoicee:idSupplier</xs:documentation>
            </xs:annotation>
        </xs:element>

```

```

                <xs:element name="orgPayment"
type="orgPaymentType" minOccurs="0"/>
                <xs:element name="adressOrg"
type="addressType" minOccurs="0"/>
                <xs:element name="contactInfoOrg"
type="contactInfosType" minOccurs="0"/>
            </xs:sequence>
            <xs:attribute name="orgName" type="xs:string"
use="required">
                <xs:annotation>
                    <xs:documentation>The legal
name of the company </xs:documentation>
                </xs:annotation>
            </xs:attribute>
            <xs:attribute name="orgCity">
                <xs:annotation>
                    <xs:documentation>The
company's registered office</xs:documentation>
                </xs:annotation>
            </xs:attribute>
        </xs:complexType>
        <xs:complexType name="orgPaymentType">
            <xs:sequence>
                <xs:element name="IdPayment"
type="idType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>Following sources should be used:
SE:Bgno in case of Swedish BG number
SE:PGno in case of Swedish PG number
IBAN:Id in case of IBAN number
SWIFT:Id in case of Swift number
BIC:Id in case of BIC number
SE:idBankAccount in case of Swedish bank account
NO:idBankAccount in case of Norwegian bank account
DK:idBankAccount in case of Danish bank account
SF:idBankAccount in case of Finish bank account
</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
            <xs:attribute name="nameofBank"
type="xs:string">
                <xs:annotation>
                    <xs:documentation>Name of
bank</xs:documentation>
                </xs:annotation>
            </xs:attribute>
            <xs:attribute name="ClearingNo">
                <xs:annotation>
                    <xs:documentation>ClearingNo
of the bank above</xs:documentation>
                </xs:annotation>
            </xs:attribute>
        </xs:complexType>
        <xs:complexType name="gpsType">

```



```

        <xs:attribute name="speed">
            <xs:annotation>
                <xs:documentation>Speed shall
be from GPS-unit in vehicle and measured in meter per
second.</xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="speedSource">
            <xs:annotation>
                <xs:documentation>Speed
measured at GPS or VEHICLE.</xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="direction">
            <xs:annotation>
                <xs:documentation>Direction
shall be from GPS-unit in vehiclle and measured in degrees (0 - 360
degrees).</xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="height">
            <xs:annotation>
                <xs:documentation>Height
shall be from GPS-unit in vehiclle and measured in meter. May be
measured in meter with decimals.</xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="deviationPosition">
            <xs:annotation>
                <xs:documentation>Deviation
skall be from GPS-unit in vehicle and measured in meter. This is the
deviation in position measured by the &gt;GPS-
unit.</xs:documentation>
            </xs:annotation>
        </xs:attribute>
        <xs:attribute name="deviationSpeed">
            <xs:annotation>
                <xs:documentation>Deviation
in speed.</xs:documentation>
            </xs:annotation>
        </xs:attribute>
    </xs:complexType>
    <xs:complexType name="errorType">
        <xs:sequence>
            <xs:element name="idError"
type="idType" minOccurs="0"/>
            <xs:element
name="manualDescriptionError" type="manualDescriptionType"
minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="providerorderUpdate">
        <xs:sequence>
            <xs:annotation>
                <xs:documentation>Gives the
provider the possibility to repoert to client of changes made in the

```



```

base="xs:string">
value="Gasoline"/>
value="Diesel"/>
value="Ethanol"/>
value="Electric"/>
value="Gas"/>
value="Hydrogen"/>
</xs:restriction>
</xs:simpleType>
</xs:attribute>
<xs:attribute name="unit">
  <xs:annotation>
    <xs:documentation>Unit used
to measure the fuel</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction
base="xs:string">
value="Liter"/>
value="Kwh"/>
value="Kg"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>

```

```

        <xs:attribute name="consumption"
type="xs:decimal">

            <xs:annotation>

                <xs:documentation>Consumption measured per 100 km
Consumption is the average consumption mesured over a period of one
year.</xs:documentation>

            </xs:annotation>

        </xs:attribute>

    </xs:complexType>

</xs:element>

                                </xs:sequence>
                            </xs:complexType>
                    </xs:element>
            </xs:sequence>
    <xs:attribute name="emptydrivingFactor"
type="xs:decimal">
        <xs:annotation>
            <xs:documentation>Percent
empty driving measured over a longer period. Preferebly over one
year.</xs:documentation>
        </xs:annotation>
    </xs:attribute>
</xs:complexType>
<xs:complexType name="driverSession">
    <xs:sequence>
        <xs:annotation>
            <xs:documentation>See UC
2_1_1_7 for extensive information.</xs:documentation>
        </xs:annotation>
        <xs:element name="idDriverSession"
type="idType" minOccurs="0"/>
        <xs:element name="process"
type="process" minOccurs="0"/>
        <xs:element
name="resourceDriverSession" type="resourceType" minOccurs="0">
            <xs:annotation>

                <xs:documentation>Defines the requirements needed to
execute the driver session.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="orders" type="orders"
minOccurs="0">
            <xs:annotation>

                <xs:documentation>Contains the orders included in the
driver session.</xs:documentation>
            </xs:annotation>

```

```

        </xs:element>
        <xs:element name="changelog"
type="changelog" minOccurs="0">
            <xs:annotation>
                <xs:documentation>If populated, contains changes that have
been made to the orders within the driver session since last
received by the provider.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="sessionNodes"
minOccurs="0">
            <xs:annotation>
                <xs:documentation>msgs: 2101 and 2102. Describes what
nodes the driver session consists of from the providers
perspective.</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="sessionNode" type="sessionNode"
minOccurs="0" maxOccurs="unbounded"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="orders">
    <xs:sequence>
        <xs:element name="order" type="order"
minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="orderStatus">
    <xs:attribute name="status" use="required">
        <xs:annotation>
            <xs:documentation>Should be
used with the message 2530.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction
base="xs:string">
                <xs:enumeration
value="none"/>
                <xs:enumeration
value="started"/>
                <xs:enumeration
value="completed"/>
                <xs:enumeration
value="noshow"/>
                <xs:enumeration
value="confirmed"/>
                <xs:enumeration
value="dispatching"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
</xs:complexType>

```

```

value="dispatched"/>
value="cancelled"/>
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
<xs:complexType name="changelog">
  <xs:sequence>
    <xs:annotation>
      <xs:documentation>See UC
2_1_1_7 for extensive information.</xs:documentation>
    </xs:annotation>
    <xs:element name="log" type="log"
minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="log">
  <xs:sequence>
    <xs:element name="idOrder"
type="idType" minOccurs="0" maxOccurs="2"/>
  </xs:sequence>
  <xs:attribute name="change">
    <xs:simpleType>
      <xs:restriction
base="xs:string">
        <xs:enumeration
value="updated"/>
        <xs:enumeration
value="moved"/>
        <xs:enumeration
value="added"/>
        <xs:enumeration
value="cancelled"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:attribute>
</xs:complexType>
<xs:complexType name="driverSessionReject">
  <xs:sequence>
    <xs:annotation>
      <xs:documentation>See UC
2_1_1_7 for extensive information.</xs:documentation>
    </xs:annotation>
    <xs:element name="driverSession"
type="driverSession">
      <xs:annotation>
        <xs:documentation>Contains the nodes element as a
representation of the driver session from the providers side after
the rejection is made.</xs:documentation>
      </xs:annotation>
    </xs:element>
  <xs:element name="attributesReject">
    <xs:annotation>

```

```

        <xs:documentation>Indicates which attributes that the
rejection of this order are based upon.</xs:documentation>
            </xs:annotation>
            <xs:complexType
mixed="false">
                <xs:complexContent>
                    <xs:extension base="attributesType"/>
                </xs:complexContent>
            </xs:complexType>
        </xs:element>
        <xs:element name="changelog"
type="changelog">
            <xs:annotation>
                <xs:documentation>Contains which changes from the
changelog was rejected by the provider.</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="sessionNode">
    <xs:sequence>
        <xs:element name="idOrder"
type="idType" maxOccurs="2">
            <xs:annotation>
                <xs:documentation>Provider and/or Client order
ids</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="node" type="node"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="vehicleLocation">
    <xs:sequence>
        <xs:element name="idVehicle"
type="idType" maxOccurs="2">
            <xs:annotation>
                <xs:documentation>Provider and/or Client vehicle
ids</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="time" type="time">
            <xs:annotation>
                <xs:documentation>Time when location data was
sampled</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="geographicLocation"
type="geographicLocation">
            <xs:annotation>

```

```

        <xs:documentation>Vehicle geographic
location</xs:documentation>
                </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="bulkLocationList">
    <xs:sequence>
        <xs:annotation>
            <xs:documentation>Respoce on
a request for a bulk of positions. See UC 3_2.</xs:documentation>
        </xs:annotation>
        <xs:element name="locationList"
type="xs:string" minOccurs="0"/>
    </xs:sequence>
    <xs:attribute name="locationListType">
        <xs:annotation>
            <xs:documentation>The type
list used.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction
base="xs:string">
                <xs:enumeration
value="1"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="isComplete"
type="xs:boolean">
        <xs:annotation>
            <xs:documentation>True = this
message contains all information
False = this message are divided into several
messages.</xs:documentation>
        </xs:annotation>
    </xs:attribute>
    <xs:attribute name="msgSeqNo">
        <xs:annotation>
            <xs:documentation>Number of
messages if isComplete is False.</xs:documentation>
        </xs:annotation>
    </xs:attribute>
    <xs:attribute name="msgCount">
        <xs:annotation>
            <xs:documentation>The number
of this message if isComplete is False.</xs:documentation>
        </xs:annotation>
    </xs:attribute>
</xs:complexType>
<xs:complexType name="ratingType">
    <xs:sequence>
        <xs:element name="rating"
type="ratingIdType" maxOccurs="unbounded"/>

```



```

type="time" minOccurs="0"/>
type="time" minOccurs="0"/>
type="manualDescriptionType" minOccurs="0"/>
</xs:sequence>
<xs:attribute name="valueCnt" type="xs:int">
  <xs:annotation>
    <xs:documentation>Amount of
measurements included in this rating</xs:documentation>
  </xs:annotation>
</xs:attribute>
</xs:complexType>
<xs:complexType name="ratingIdType">
  <xs:sequence>
    <xs:element name="ratingId"
type="idType"/>
    <xs:element name="ratingComment"
type="manualDescriptionType" minOccurs="0"/>
  </xs:sequence>
  <xs:attribute name="ratingValue"
type="xs:decimal"/>
</xs:complexType>
</xs:schema>

```