

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:lng="http://www.gie.eu/REMIT/GIELNGSchema_V2.xsd"
targetNamespace="http://www.gie.eu/REMIT/GIELNGSchema_V2.xsd"
elementFormDefault="qualified">
  <!-- Parent -->
  <xs:element name="GIELNGReport">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="reportingEntityIdentifier" type="lng:eicCode" minOccurs="1"
maxOccurs="1"/>
        <!-- EIC code for company submitting the report -->
        <xs:element name="submissionDateTime" type="xs:dateTime" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="lngFacilityReport" type="lng:lngFacilityReport" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:element name="lngParticipantActivityReport"
type="lng:lngParticipantActivityReport" minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="lngPlannedUsageReport" type="lng:lngPlannedUsageReport"
minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="lngUnavailabilityReport" type="lng:lngUnavailabilityReport"
minOccurs="0" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <!-- lngFacilityReport -->
  <xs:complexType name="lngFacilityReport">
    <xs:sequence>
      <xs:element name="reportingEntityReferenceID" type="lng:referenceID" minOccurs="1"
maxOccurs="1"/>
      <!--
        Mandatory field, 32-character string, lowercase letters and numbers
      -->
      <xs:element name="gasDayStart" type="xs:dateTime" minOccurs="1" maxOccurs="1"/>
      <xs:element name="gasDayEnd" type="xs:dateTime" minOccurs="1" maxOccurs="1"/>
      <xs:element name="lngFacilityIdentifier" type="lng:eicCode" minOccurs="1"
maxOccurs="1"/>
      <!-- Must be EIC code -->
      <xs:element name="lngFacilityOperatorIdentifier" type="lng:eicCode" minOccurs="1"
maxOccurs="1"/>
      <!-- Must be EIC code -->
      <xs:element name="technicalCapacity" type="lng:quantityType" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="contractedCapacity" type="lng:quantityType" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="availableCapacity" type="lng:quantityType" minOccurs="1"
maxOccurs="1"/>
      <!-- Energy Unit fields -->
      <xs:element name="sendOut" type="lng:quantityType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="inventory" type="lng:quantityType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="dtrs" type="lng:quantityType" minOccurs="1" maxOccurs="1"/>
      <!-- Volume fields -->
      <xs:element name="inventory_Volume" type="lng:quantityType" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="dtmi_Volume" type="lng:quantityType" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <!-- lngParticipantActivityReport -->
  <xs:complexType name="lngParticipantActivityReport">
    <xs:sequence>
      <xs:element name="reportingEntityReferenceID" type="lng:referenceID" minOccurs="1"
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maxOccurs="1"/>
<!--
    Mandatory field, 32-character string, lowercase letters and numbers
-->
<xs:element name="gasDayStart" type="xs:dateTime" minOccurs="1" maxOccurs="1"/>
<xs:element name="gasDayEnd" type="xs:dateTime" minOccurs="1" maxOccurs="1"/>
<xs:element name="lngFacilityIdentifier" type="lng:eicCode" minOccurs="1"
maxOccurs="1"/>
<!-- Must be EIC code -->
<xs:element name="marketParticipantIdentifier" type="lng:participantType"
minOccurs="1" maxOccurs="1"/>
<!-- Always fill in this -->
<xs:element name="terminalCustomerIdentifier" type="lng:participantType"
minOccurs="0" maxOccurs="1"/>
<!--
    Used only if different than marketParticipantIdentifier
-->
<xs:element name="shipSize" type="lng:quantityType" minOccurs="1" maxOccurs="1"/>
<xs:element name="shipName" type="lng:imoCode" minOccurs="1" maxOccurs="1"/>
<xs:element name="reloadedVolume" type="lng:quantityType" minOccurs="0"
maxOccurs="1"/>
<xs:element name="unloadedVolume" type="lng:quantityType" minOccurs="0"
maxOccurs="1"/>
</xs:sequence>
</xs:complexType>
<!-- lngPlannedUsageReport -->
<xs:complexType name="lngPlannedUsageReport">
  <xs:sequence>
    <xs:element name="reportingEntityReferenceID" type="lng:referenceID" minOccurs="1"
maxOccurs="1"/>
    <!--
        Mandatory field, 32-character string, lowercase letters and numbers
    -->
    <xs:element name="gasDayStart" type="xs:dateTime" minOccurs="1" maxOccurs="1"/>
    <xs:element name="gasDayEnd" type="xs:dateTime" minOccurs="1" maxOccurs="1"/>
    <xs:element name="lngFacilityIdentifier" type="lng:eicCode" minOccurs="1"
maxOccurs="1"/>
    <!-- Must be EIC code -->
    <xs:element name="marketParticipantIdentifier" type="lng:participantType"
minOccurs="1" maxOccurs="1"/>
    <!-- Always fill in this -->
    <xs:element name="terminalCustomerIdentifier" type="lng:participantType"
minOccurs="0" maxOccurs="1"/>
    <!--
        Used only if different than marketParticipantIdentifier
    -->
    <xs:element name="deliveryVolume" type="lng:quantityType" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
<!-- lngUnavailabilityReport -->
<xs:complexType name="lngUnavailabilityReport">
  <xs:sequence>
    <xs:element name="reportingEntityReferenceID" type="lng:referenceID" minOccurs="1"
maxOccurs="1"/>
    <!--
        Mandatory field, 32-character string, lowercase letters and numbers
    -->
    <xs:element name="unavailabilityNotificationTimestamp" type="xs:dateTime"
minOccurs="1" maxOccurs="1"/>
    <xs:element name="lngFacilityIdentifier" type="lng:eicCode" minOccurs="1"
maxOccurs="1"/>
    <!-- Must be EIC code -->
    <xs:element name="unavailabilityStart" type="xs:dateTime" minOccurs="1"
maxOccurs="1"/>

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<xs:element name="unavailabilityEnd" type="xs:dateTime" minOccurs="1" maxOccurs="1"/>
<xs:element name="unavailabilityEndFlag" type="lng:endFlag" minOccurs="1"
maxOccurs="1"/>
<xs:element name="unavailableCapacity" type="lng:quantityType" minOccurs="1"
maxOccurs="1"/>
<xs:element name="unavailabilityType" type="lng:unavailabilityType" minOccurs="1"
maxOccurs="1"/>
<xs:element name="unavailabilityDescription" type="xs:string" minOccurs="1"
maxOccurs="1"/>
</xs:sequence>
</xs:complexType>
<!-- Common items -->
<xs:simpleType name="endFlag">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Estimate"/>
    <xs:enumeration value="Confirmed"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="unavailabilityType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Planned"/>
    <xs:enumeration value="Unplanned"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="number">
  <xs:restriction base="xs:decimal">
    <xs:totalDigits value="20"/>
    <xs:fractionDigits value="9"/>
  </xs:restriction>
</xs:simpleType>
<xs:complexType name="quantityType">
  <xs:sequence>
    <xs:element name="value" type="lng:number" minOccurs="1" maxOccurs="1"/>
    <xs:element name="unit" type="lng:quantityUnitType" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
<xs:simpleType name="quantityUnitType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="10^3 m3 LNG"/>
    <xs:enumeration value="10^6 m3 NG"/>
    <xs:enumeration value="cm"/>
    <xs:enumeration value="cm/d"/>
    <xs:enumeration value="mcm"/>
    <xs:enumeration value="mcm/d"/>
    <xs:enumeration value="kWh"/>
    <xs:enumeration value="kWh/h"/>
    <xs:enumeration value="kWh/d"/>
    <xs:enumeration value="GW"/>
    <xs:enumeration value="GWh"/>
    <xs:enumeration value="GWh/h"/>
    <xs:enumeration value="GWh/d"/>
    <xs:enumeration value="MW"/>
    <xs:enumeration value="MWh"/>
    <xs:enumeration value="MWh/h"/>
    <xs:enumeration value="MWh/d"/>
    <xs:enumeration value="TWh"/>
    <xs:enumeration value="Therm/d"/>
    <xs:enumeration value="kTherm/d"/>
    <xs:enumeration value="MTherm/d"/>
    <xs:enumeration value="Therm"/>
    <xs:enumeration value="kTherm"/>
    <xs:enumeration value="MTherm"/>
    <xs:enumeration value=""/>
  </xs:restriction>
</xs:simpleType>

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<xs:complexType name="participantType">
  <xs:choice minOccurs="1" maxOccurs="1">
    <xs:element name="acerCode" type="lng:acerCode" minOccurs="0" maxOccurs="1"/>
    <xs:element name="eicCode" type="lng:eicCode" minOccurs="0" maxOccurs="1"/>
    <xs:element name="leiCode" type="lng:leiCode" minOccurs="0" maxOccurs="1"/>
  </xs:choice>
</xs:complexType>
<xs:simpleType name="eicCode">
  <xs:restriction base="xs:string">
    <xs:maxLength value="16"/>
    <xs:minLength value="16"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="imoCode">
  <xs:restriction base="xs:string">
    <xs:maxLength value="10"/>
    <xs:minLength value="10"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="acerCode">
  <xs:restriction base="xs:string">
    <xs:maxLength value="12"/>
    <xs:minLength value="12"/>
    <xs:pattern value="[A-Za-z0-9_]+\.[A-Z][A-Z]"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="leiCode">
  <xs:restriction base="xs:string">
    <xs:maxLength value="20"/>
    <xs:minLength value="20"/>
    <xs:pattern value="[A-Za-z0-9_]+"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="referenceID">
  <xs:restriction base="xs:string">
    <xs:length value="32"/>
    <xs:pattern value="[a-z0-9]{32}"/>
  </xs:restriction>
</xs:simpleType>
</xs:schema>
```