

ANLAGE 6

XML-SCHEMATA

LRIT-XML-Ressourcen-ReadMe-Datei

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Freigabeversion: **2.1**

Freigabedatum: 20. September 2017

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XSD-Dateien

Datei	Version	Datum
CoastalStateStandingOrderUpdate.xsd (Update eines festen Küstenstaatsauftrags)	2.1	20. September 2017
DDP.xsd	2.1	20. September 2017
DDPNotification.xsd (DDP-Benachrichtigung)	2.1	20. September 2017
DDPRequest.xsd (DDP-Anforderung)	2.1	20. September 2017
DDPUpdate.xsd	2.1	20. September 2017
GeographicalAreaUpdate.xsd (Update eines geographischen Gebiets)	2.1	20. September 2017
JournalReport.xsd (Protokollbericht)	2.1	20. September 2017
LritMessageLog.xsd (LRIT-Meldungsprotokoll)	2.1	20. September 2017
Receipt.xsd (Empfang)	2.1	20. September 2017
ShipPositionReport.xsd (Schiffspositionsbericht)	2.1	20. September 2017
ShipPositionRequest.xsd (Schiffspositionsanforderung)	2.1	20. September 2017
SURPICRequest.xsd (SURPIC-Anforderung)	2.1	20. September 2017
SystemStatus.xsd	2.1	20. September 2017
Types.xsd	2.1	20. September 2017

WSDL-Dateien

Datei	Datei- Version	Datum
DC.wsdl	2.1	20. September 2017
DDP.wsdl	2.1	20. September 2017
IDE-DC.wsdl	2.1	20. September 2017
IDE-DDP.wsdl	2.1	20. September 2017

Anmerkung:

Die **Freigabeversions**nummer wird hochgezählt, wenn eine der Dateien innerhalb dieses Satzes aktualisiert wird. Das ist die Nummer, die in das *schemaVersion*-Attribut aller LRIT-SOAP-Meldungen eingesetzt werden muss.

Jede Datei in dieser Menge hat ihre eigene **Datei-Versions**nummer, um Änderungen in dieser Datei unabhängig von der **Freigabeversion** und anderen Dateien in diesem Satz nachzuverfolgen. Diese Nummer wird in keiner LRIT-SOAP-Meldung verwendet.

Änderungsprotokoll

22. August 2008 – Freigabeversion 1.0

- * Erste Freigabeversion der LRIT-XML-Dateien.

24. September 2008 – Freigabeversion 1.1

- * Update von DDP.xsd mit folgenden Änderungen:
 - Löschen von Exclusion (Ausschluss) als regulärer Datentyp
 - Hinzufügen von DDPServer und IDE als sofortige Datentypen und LRITCoordinator (LRIT-Koordinator) als regulärer Datentyp
 - Löschen von „minOccurs = 0“ bei den Namen von Häfen, Hafenanlagen und Orten
- * Update von DDPUpdate.xsd mit folgenden Änderungen:
 - Hinzufügen von ReferenceId-Element mit Referenz-Meldungs-ID

24. Oktober 2008 – Freigabeversion 1.2

- * Update von DDP.xsd mit folgenden Änderungen:
 - Hinzufügen von „minOccurs=0“ für Kontaktstellen der Datenzentren
 - Hinzufügen von inneren Gewässern zu costalStateStandingOrderAreasIDType (ID-Typ der Gebiete für feste Küstenstaatsaufträge)
- * Update von DDPRequest.xsd mit folgenden Änderungen:
 - Hinzufügen von ReferenceId-Element mit optionaler Referenz-Meldungs-ID
- * Update von PricingRequest.xsd mit folgenden Änderungen:
 - Hinzufügen von ReferenceId-Element mit optionaler Referenz-Meldungs-ID
- * Update von PricingUpdate.xsd mit folgenden Änderungen:
 - Hinzufügen von ReferenceId-Element mit Referenz-Meldungs-ID
- * Update von SARSURPICRequest.xsd mit folgenden Änderungen:
 - Beschränkung der Höchstanzahl an Positionen auf 4
 - Berichtigte Koordinatenmuster für kreisförmige und rechteckige Gebiete
- * Update von ShipPositionReport.xsd mit folgenden Änderungen:
 - Wiederherstellung des CSPID-Parameters
- * Update von Types.xsd mit folgenden Änderungen:
 - Festlegung des LRIT-ID-Typs der Kommunikationsdienstleister für Updates von ShipPositionReport.xsd

07. Dezember 2010 – Freigabeversion 1.3

- * Update von Types.xsd mit folgenden Änderungen:
 - Änderung der Beschränkung von percentageValueType (Prozentwerttyp) auf „<xs:pattern value="[0-9]+(\.[0-9]{1,2})?">“
 - Änderung der Beschränkung von priceValueType (Preiswerttyp) auf „xs:pattern value="[0-9]+(\.[0-9]{1,4})?">“

22. Oktober 2014 – Freigabeversion 2.0

- * Hinzufügen von CoastalStateStandingOrderUpdate.xsd
- * Update von DC.wsdl:
 - Umbenennung von SARSURPIC auf SURPIC
 - Löschen des Imports von DDPRequest-Namensfeld (wird nicht verwendet und hätte nicht Inhalt dieser WSDL-Datei sein dürfen)

- Löschen aller Verweise auf die veraltete preisbezogene Funktionalität
 - * Update von DDP.wsdl:
 - Hinzufügen von Namensfeld und Anbindung für GeographicalAreaUpdate (Update geographischer Gebiete)
 - Hinzufügen von Namensfeld und Anbindung für CoastalStateStandingOrderUpdate (Update fester Küstenstaatsaufträge)
 - * Update von DDP.xsd:
 - Verwendung einer neuen Festlegung von coastalStateStandingOrderType (fester Küstenstaatsauftrags-Typ) (festgelegt in Types.xsd)
 - Update der Schema-Version auf 2.0
 - * Update von DDPNotification.xsd:
 - Update der Schema-Version auf 2.0
 - * Update von DDPRequest.xsd:
 - Update der Schema-Version auf 2.0
 - * Update von DDPUUpdate.xsd:
 - Update der Schema-Version auf 2.0
 - * Hinzufügen von GeographicalAreaUpdate.xsd
 - * Update von IDE-DC.wsdl:
 - Änderung von SARSURPIC auf SURPIC
 - Hinzufügen von Namensfeld und Anbindung für GeographicalAreaUpdate
 - Löschen aller Verweise auf die veraltete preisbezogene Funktionalität
 - * Update von JournalReport.xsd:
 - Schema-Version wird auf 2.0 gesetzt
 - * Update von LritMessageLog.xsd (sowie erstmalige Aufnahme dieser Datei in das Archiv):
 - Änderung von SARSURPIC auf SURPIC
 - Löschen aller Verweise auf die veraltete preisbezogene Funktionalität
 - Update der Schema-Version auf 2.0
 - * Löschen von PricingFile.xsd
 - * Löschen von PricingNotification.xsd
 - * Löschen von PricingRequest.xsd
 - * Löschen von PricingUpdate.xsd
 - * Update von Receipt.xsd:
 - Hinzufügen neuer ReceiptCodes (Empfangscodes) bezüglich des Updates geographischer Gebiete und des Updates fester Küstenstaatsaufträge
 - Update der Schema-Version auf 2.0
 - * Löschen von SARSURPICRequest.xsd (ersetzt durch SURPICRequest.xsd)
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- * Update von ShipPositionReport.xsd:
 - Hinzufügen von ShipType (Schiffstyp) als Element der zu sendenden LRIT-Daten
 - Update der Schema-Version auf 2.0
 - * Update von ShipPositionReport.xsd:
 - Update der Schema-Version auf 2.0
 - * Hinzufügen von SURPICRequest.xsd (ersetzt SARSURPICRequest.xsd)
 - * Update von SystemStatus.xsd
 - Update der Schema-Version auf 2.0
 - * Update von Types.xsd:
 - Überarbeitung der gebräuchlichen Typen bezüglich der Meldungen für Updates geographischer Gebiete und der Meldungen für Updates fester Küstenstaatsaufträge
 - Entfernen preisbezogener Typbezeichnungen: pricingVersionNumType; percentageValueType (darauf wurde in keiner XSD- oder WSDL-Datei verwiesen); priceValueType; currencyType
 - Update der Schema-Version auf 2.0

20. September 2017 – **Freigabeversion 2.1**

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- * Update von SURPICRequest.xsd mit folgenden Änderungen:
 - Hinzufügen eines „Request Duration“ (Anforderungsdauer)-Elements mit Zeitpunkt des Beginns und Zeitpunkts der Beendigung.

XSD-Dateien

CoastalStateStandingOrderUpdate.xsd-Datei

```
<!--  
    File:          CoastalStateStandingOrderUpdate.xsd  
    File Version:  2.1  
    Date:          20 Sep 2017  
-->  
xs:schema  
    version="2.1"  
    targetNamespace="http://gisis.imo.org/XML/LRIT/coastalStateStandingOrderUpdate/2014"  
    xmlns="http://gisis.imo.org/XML/LRIT/coastalStateStandingOrderUpdate/2014"  
    xmlns:xs="http://www.w3.org/2001/XMLSchema"  
    xmlns:lrity="http://gisis.imo.org/XML/LRIT/types/2008"  
    xmlns:xmime="http://www.w3.org/2005/05/xmlmime"  
    elementFormDefault="qualified">  
  
    <xs:import namespace="http://gisis.imo.org/XML/LRIT/types/2008" schemaLocation="Types.xsd"/>  
  
    <xs:simpleType name="messageTypeType">  
        <xs:restriction base="xs:integer">  
            <xs:enumeration value="17"/>  
        </xs:restriction>  
    </xs:simpleType>  
  
    <xs:element name="CoastalStateStandingOrderUpdate">  
        <xs:complexType>  
            <xs:sequence>  
                <xs:element name="MessageType" type="messageTypeType"/>  
                <xs:element name="Messageld" type="lrity:msgIDType"/>  
                <xs:element name="StandingOrder" type="lrity:coastalStateStandingOrderType" minOccurs="0"/>  
            </xs:sequence>  
        </xs:complexType>  
    </xs:element>  
</xs:schema>
```

```

        <xs:element name="DataUserRequestor" type="Irit:IritIDType"/>
        <xs:element name="TimeStamp" type="xs:dateTime"/>
        <xs:element name="DDPVersionNum" type="Irit:ddpVersionNumType"/>
    </xs:sequence>
    <xs:attribute name="test" type="Irit:testType" use="optional" default="0"/>
    <xs:attribute name="schemaVersion" type="xs:decimal" use="required"/>
</xs:complexType>
</xs:element>
</xs:schema>

```

DDP.xsd file-Datei

```

<!--
    File:          DDP.xsd
    File Version:  2.1
    Date:          20 Sep 2017
-->
<xs:schema
    version="2.0"
    targetNamespace="http://gisis.imo.org/XML/LRIT/ddp/2008"
    xmlns="http://gisis.imo.org/XML/LRIT/ddp/2008"
    xmlns:xs="http://www.w3.org/2001/XMLSchema"
    xmlns:irit="http://gisis.imo.org/XML/LRIT/types/2008"
    elementFormDefault="qualified">

    <xs:import namespace="http://gisis.imo.org/XML/LRIT/types/2008" schemaLocation="Types.xsd"/>

    <!-- Simple datatypes -->
    <xs:simpleType name="iso3166-1Alpha3CodeType">
        <xs:restriction base="xs:string">
            <xs:pattern value="[A-Z]{3}"/>
        </xs:restriction>
    </xs:simpleType>

```

```

<xs:simpleType name="mmsiType">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]{9}" />
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="contactIDType">
  <xs:restriction base="xs:string">
    <xs:pattern value="CPN1[0-9]{3}_[0-9]+" />
    <xs:pattern value="CPDCINF1[0-9]{3}_[0-9]+" />
    <xs:pattern value="CPASPINF1[0-9]{3}_[0-9]+" />
    <xs:pattern value="CPSAR2[0-9]{3}_[0-9]+" />
    <xs:pattern value="CPDC3[0-9]{3}_[0-9]+" />
    <xs:pattern value="CPASP4[0-9]{3}_[0-9]+" />
    <xs:pattern value="CPDDP0001_[0-9]+" />
    <xs:pattern value="CPIDE0002_[0-9]+" />
    <xs:pattern value="CPLC0003_[0-9]+" />
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="dcInfoIDType">
  <xs:restriction base="xs:string">
    <xs:pattern value="DCINF1[0-9]{3}" />
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="aspInfoIDType">
  <xs:restriction base="xs:string">
    <xs:pattern value="ASPINF1[0-9]{3}_[0-9]+" />
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="exclusionIDType">
  <xs:restriction base="xs:string">
    <xs:pattern value="EXCL1[0-9]{3}_[0-9]+" />
  </xs:restriction>
</xs:simpleType>

```

```
<xs:simpleType name="sarFacilityTypeType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="RB"/>
    <xs:enumeration value="RV"/>
    <xs:enumeration value="SRG"/>
    <xs:enumeration value="MRG"/>
    <xs:enumeration value="LRG"/>
    <xs:enumeration value="VLR"/>
    <xs:enumeration value="ELR"/>
    <xs:enumeration value="HEL-L"/>
    <xs:enumeration value="HEL-M"/>
    <xs:enumeration value="HEL-H"/>
    <xs:enumeration value="GSU"/>
    <xs:enumeration value="MAU"/>
    <xs:enumeration value="UIU"/>
    <xs:enumeration value="DUIU"/>
    <xs:enumeration value="FFU"/>
    <xs:enumeration value="IRU"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="sarFacilityTypeListType">
  <xs:list itemType="sarFacilityTypeType"/>
</xs:simpleType>
<!-- Complex datatypes -->
<xs:complexType name="contactPointType">
  <xs:sequence>
    <xs:element name="Type">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="Primary"/>
          <xs:enumeration value="Alternate"/>
          <xs:enumeration value="Operational"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```



```

        </xs:simpleType>
    </xs:element>
    <xs:element name="Title" type="xs:string" minOccurs="0"/>
    <xs:element name="FirstName" type="xs:string" minOccurs="0"/>
    <xs:element name="LastName" type="xs:string" minOccurs="0"/>
    <xs:element name="Department" type="xs:string" minOccurs="0"/>
    <xs:element name="Position" type="xs:string" minOccurs="0"/>
    <xs:element name="AddressLine1" type="xs:string" minOccurs="0"/>
    <xs:element name="AddressLine2" type="xs:string" minOccurs="0"/>
    <xs:element name="AddressLine3" type="xs:string" minOccurs="0"/>
    <xs:element name="AddressCity" type="xs:string" minOccurs="0"/>
    <xs:element name="AddressPostcode" type="xs:string" minOccurs="0"/>
    <xs:element name="AddressState" type="xs:string" minOccurs="0"/>
    <xs:element name="AddressCountry" type="xs:string" minOccurs="0"/>
    <xs:element name="Telephone" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="Fax" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="Email" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="Website" type="xs:anyURI" minOccurs="0" maxOccurs="unbounded"/>
</xs:sequence>
<xs:attribute name="contactID" type="contactIDType" use="required"/>
</xs:complexType>
<xs:complexType name="dataCentreType">
    <xs:sequence>
        <xs:element name="Type">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:enumeration value="International"/>
                    <xs:enumeration value="National"/>
                    <xs:enumeration value="Regional"/>
                    <xs:enumeration value="Cooperative"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
    </xs:sequence>

```

```
<xs:element name="Name" type="xs:string"/>
<xs:element name="IDEInterfaceWebServiceLocation" type="xs:anyURI"/>
<xs:element name="DDPInterfaceWebServiceLocation" type="xs:anyURI"/>
<xs:element name="ContactPoint" type="contactPointType" minOccurs="0" maxOccurs="unbounded"/>
<xs:element name="AdditionalInformation" type="xs:string" minOccurs="0"/>
</xs:sequence>
<xs:attribute name="IritID" type="Irit:dataCentreLRITIDType"/>
</xs:complexType>
<xs:complexType name="aspType">
  <xs:sequence>
    <xs:element name="Name" type="xs:string"/>
  </xs:sequence>
  <xs:attribute name="IritID" type="Irit:aspLRITIDType"/>
</xs:complexType>
<xs:complexType name="dataCentreInfoType">
  <xs:sequence>
    <xs:element name="DataCentreID" type="Irit:dataCentreLRITIDType"/>
    <xs:element name="ContactPoint" type="contactPointType" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="dcInfoID" type="dcInfoIDType" use="required"/>
</xs:complexType>
<xs:complexType name="sarServiceType">
  <xs:sequence>
    <xs:element name="Name" type="xs:string"/>
    <xs:element name="MMSI" type="mmsiType" minOccurs="0"/>
    <xs:element name="CallSign" type="xs:string" minOccurs="0"/>
    <xs:element name="VHFVoiceCallSign" type="xs:string" minOccurs="0"/>
    <xs:element name="Telephone" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="Fax" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="Email" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="Telex" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="OtherLandlineComms" type="xs:string" minOccurs="0"/>
    <xs:element name="AvailableFacilities" type="sarFacilityTypeListType" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

```

        <xs:element name="ContactPoint" type="contactPointType" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="IritID" type="Irit:sarServiceLRITIDType" use="required"/>
</xs:complexType>
<xs:complexType name="aspInfoType">
    <xs:sequence>
        <xs:element name="ASPID" type="Irit:aspLRITIDType"/>
        <xs:element name="Conditions" type="xs:string" minOccurs="0"/>
        <xs:element name="ContactPoint" type="contactPointType" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="aspInfoID" type="aspInfoIDType" use="required"/>
</xs:complexType>
<xs:complexType name="placeType">
    <xs:sequence>
        <xs:element name="Name" type="xs:string"/>
        <xs:element name="Position" type="Irit:posType"/>
    </xs:sequence>
    <xs:attribute name="placeCode" type="Irit:placeCodeType" use="required"/>
</xs:complexType>
<xs:complexType name="portFacilityType">
    <xs:sequence>
        <xs:element name="Name" type="xs:string"/>
        <xs:element name="Position" type="Irit:posType"/>
    </xs:sequence>
    <xs:attribute name="imoPortFacilityNumber" type="Irit:imoPortFacilityNumberType" use="required"/>
</xs:complexType>
<xs:complexType name="portType">
    <xs:sequence>
        <xs:element name="Name" type="xs:string"/>
        <xs:element name="Position" type="Irit:posType"/>
    </xs:sequence>
    <xs:attribute name="locode" type="Irit:locodeType" use="required"/>
</xs:complexType>

```

```
<xs:complexType name="exclusionType">
  <xs:sequence>
    <xs:element name="ExcludedContractingGovernmentID" type="Irit:contractingGovernmentLRITIDType"/>
    <xs:element name="From" type="xs:dateTime" minOccurs="0"/>
    <xs:element name="Until" type="xs:dateTime" minOccurs="0"/>
    <xs:element name="Reason" type="xs:string" minOccurs="0"/>
  </xs:sequence>
  <xs:attribute name="contractingGovernmentID" type="Irit:contractingGovernmentLRITIDType" use="required"/>
  <xs:attribute name="exclusionID" type="exclusionIDType" use="required"/>
</xs:complexType>
<xs:complexType name="ddpServerType">
  <xs:sequence>
    <xs:element name="Name" type="xs:string"/>
    <xs:element name="WebServiceLocation" type="xs:anyURI"/>
    <xs:element name="ContactPoint" type="contactPointType" maxOccurs="unbounded"/>
    <xs:element name="AdditionalInformation" type="xs:string" minOccurs="0"/>
  </xs:sequence>
  <xs:attribute name="IritID" type="Irit:ddpServerLRITIDType"/>
</xs:complexType>
<xs:complexType name="ideType">
  <xs:sequence>
    <xs:element name="Name" type="xs:string"/>
    <xs:element name="DCInterfaceWebServiceLocation" type="xs:anyURI"/>
    <xs:element name="DDPInterfaceWebServiceLocation" type="xs:anyURI"/>
    <xs:element name="ContactPoint" type="contactPointType" maxOccurs="unbounded"/>
    <xs:element name="AdditionalInformation" type="xs:string" minOccurs="0"/>
  </xs:sequence>
  <xs:attribute name="IritID" type="Irit:ideLRITIDType"/>
</xs:complexType>
<xs:complexType name="IritCoordinatorType">
  <xs:sequence>
    <xs:element name="Name" type="xs:string"/>
    <xs:element name="ContactPoint" type="contactPointType" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

```

        <xs:element name="AdditionalInformation" type="xs:string" minOccurs="0"/>
    </xs:sequence>
    <xs:attribute name="IritID" type="Irit:IritCoordinatorLRITIDType"/>
</xs:complexType>
<!-- Incremental datatypes -->
<xs:complexType name="regularIncrementableType">
    <xs:choice>
        <xs:element name="ContractingGovernment" type="contractingGovernmentType"/>
        <xs:element name="Territory" type="territoryType"/>
        <xs:element name="ContactPoint" type="contactPointType"/>
        <xs:element name="ASPInfo" type="aspInfoType"/>
        <xs:element name="SARService" type="sarServiceType"/>
        <xs:element name="Port" type="portType"/>
        <xs:element name="PortFacility" type="portFacilityType"/>
        <xs:element name="Place" type="placeType"/>
        <xs:element name="Polygon" type="Irit:polygonType"/>
        <xs:element name="DataCentreInfo" type="dataCentreInfoType"/>
        <xs:element name="ASP" type="aspType"/>
        <xs:element name="LRITCoordinator" type="IritCoordinatorType"/>
    </xs:choice>
    <xs:attribute name="XPath" type="xs:string" use="required"/>
</xs:complexType>
<xs:complexType name="immediateIncrementableType">
    <xs:choice>
        <xs:element name="StandingOrder" type="Irit:coastalStateStandingOrderType"/>
        <xs:element name="Exclusion" type="exclusionType"/>
        <xs:element name="DataCentre" type="dataCentreType"/>
        <xs:element name="DDPServer" type="ddpServerType"/>
        <xs:element name="IDE" type="ideType"/>
    </xs:choice>
    <xs:attribute name="XPath" type="xs:string" use="required"/>
</xs:complexType>
<!-- Root-element datatypes -->

```

```
<xs:complexType name="contractingGovernmentType">
  <xs:sequence>
    <xs:element name="Name">
      <xs:complexType>
        <xs:simpleContent>
          <xs:extension base="xs:string">
            <xs:attribute name="isoCode" type="iso3166-1Alpha3CodeType"/>
          </xs:extension>
        </xs:simpleContent>
      </xs:complexType>
    </xs:element>
    <xs:element name="NationalPointsOfContact">
      <xs:complexType>
        <xs:sequence>

<xs:element name="ContactPoint" type="contactPointType" minOccurs="0" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="DataCentreInfo" type="dataCentreInfoType"/>
  <xs:element name="ASPIInfo" type="asplInfoType" minOccurs="0" maxOccurs="unbounded"/>
  <xs:element name="SARServices">
    <xs:complexType>
      <xs:sequence>

<xs:element name="SARService" type="sarServiceType" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
  <xs:element name="Ports">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Port" type="portType" minOccurs="0" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</pre>
```

```

        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="PortFacilities">
    <xs:complexType>
        <xs:sequence>

<xs:element name="PortFacility" type="portFacilityType" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="Places">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Place" type="placeType" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="InternalWaters">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Polygon" type="Irit:polygonType" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="TerritorialSea">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Polygon" type="Irit:polygonType" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="SeawardAreaOf1000NM">

```

```

        <xs:complexType>
            <xs:sequence>
                <xs:element name="Polygon" type="Irit:polygonType" minOccurs="0" maxOccurs="unbounded"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="CustomCoastalAreas">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="Polygon" type="Irit:polygonType" minOccurs="0" maxOccurs="unbounded"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:sequence>
<xs:attribute name="IritID" type="Irit:contractingGovernmentLRITIDType" use="required"/>
</xs:complexType>
<xs:complexType name="territoryType">
    <xs:complexContent>
        <xs:extension base="contractingGovernmentType">
            <xs:attribute name="contractingGovernmentID" type="Irit:contractingGovernmentLRITIDType" use="required"/>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<!-- Root elements -->
<xs:element name="DataDistributionPlan">
    <xs:complexType>
        <xs:sequence>

<xs:element name="ContractingGovernment" type="contractingGovernmentType" minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="Territory" type="territoryType" minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="CoastalStateStandingOrders">
        <xs:complexType>
            <xs:sequence>

```



```

<xs:element name="StandingOrder" type="Irit:coastalStateStandingOrderType" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="Exclusions">
    <xs:complexType>
        <xs:sequence>

<xs:element name="Exclusion" type="exclusionType" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="DataCentres">
    <xs:complexType>
        <xs:sequence>

<xs:element name="DataCentre" type="dataCentreType" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="ASPs">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ASP" type="aspType" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="DDPServer" type="ddpServerType"/>
<xs:element name="IDE" type="ideType"/>
<xs:element name="LRITCoordinator" type="IritCoordinatorType"/>
</xs:sequence>
<xs:attribute name="versionNum" type="Irit:ddpVersionNumType" use="required"/>

```

```

<xs:attribute name="regularVersionPublishedAt" type="xs:dateTime" use="required"/>
<xs:attribute name="regularVersionImplementationAt" type="xs:dateTime" use="required"/>
<xs:attribute name="immediateVersionPublishedAt" type="xs:dateTime" use="required"/>
<xs:attribute name="immediateVersionImplementationAt" type="xs:dateTime" use="required"/>
<xs:attribute name="schemaVersion" type="xs:decimal" use="required"/>
</xs:complexType>
</xs:element>
<xs:element name="DataDistributionPlan-IncrementalUpdate">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Regular" minOccurs="0" maxOccurs="unbounded">
        <xs:complexType>
          <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element name="Delete" type="regularIncrementableType"/>
            <xs:element name="Insert" type="regularIncrementableType"/>
            <xs:element name="Update" type="regularIncrementableType"/>
          </xs:choice>
          <xs:attribute name="baseRegularVersionNum" type="xs:int" use="required"/>
          <xs:attribute name="targetRegularVersionNum" type="xs:int" use="required"/>
          <xs:attribute name="targetPublishedAt" type="xs:dateTime" use="required"/>
          <xs:attribute name="targetImplementationAt" type="xs:dateTime" use="required"/>
        </xs:complexType>
      </xs:element>
      <xs:element name="Immediate" minOccurs="0" maxOccurs="unbounded">
        <xs:complexType>
          <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element name="Delete" type="immediateIncrementableType"/>
            <xs:element name="Insert" type="immediateIncrementableType"/>
            <xs:element name="Update" type="immediateIncrementableType"/>
          </xs:choice>
          <xs:attribute name="baseImmediateVersionNum" type="xs:int" use="required"/>
          <xs:attribute name="targetImmediateVersionNum" type="xs:int" use="required"/>
          <xs:attribute name="targetPublishedAt" type="xs:dateTime" use="required"/>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

                <xs:attribute name="targetImplementationAt" type="xs:dateTime" use="required"/>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
    <xs:attribute name="baseRegularVersionNum" type="Irit:ddpIncrementalVersionNumType"/>
    <xs:attribute name="targetRegularVersionNum" type="Irit:ddpIncrementalVersionNumType"/>
    <xs:attribute name="baseImmediateVersionNum" type="Irit:ddpIncrementalVersionNumType"/>
    <xs:attribute name="targetImmediateVersionNum" type="Irit:ddpIncrementalVersionNumType"/>
    <xs:attribute name="schemaVersion" type="xs:decimal" use="required"/>
</xs:complexType>
</xs:element>
</xs:schema>

```

DDPNotification.xsd-Datei

```

<!--
    File:          DDPNotification.xsd
    File Version:  2.1
    Date:          20 Sep 2017
-->
<xs:schema
    version="2.1"
    targetNamespace="http://gisis.imo.org/XML/LRIT/ddpNotification/2008"
    xmlns="http://gisis.imo.org/XML/LRIT/ddpNotification/2008"
    xmlns:xs="http://www.w3.org/2001/XMLSchema"
    xmlns:Irit="http://gisis.imo.org/XML/LRIT/types/2008"
    elementFormDefault="qualified">

    <xs:import namespace="http://gisis.imo.org/XML/LRIT/types/2008" schemaLocation="Types.xsd"/>

    <xs:simpleType name="messageTypeType">
        <xs:restriction base="xs:integer">
            <xs:enumeration value="8"/>

```

```

        </xs:restriction>
    </xs:simpleType>

    <xs:element name="DDPNotification" type="DDPNotificationType"/>
    <xs:complexType name="DDPNotificationType">
        <xs:sequence>
            <xs:element name="MessageType" type="messageTypeType"/>
            <xs:element name="MessageId" type="Irit:msgIDType"/>
            <xs:element name="UpdateType">
                <xs:simpleType>
                    <xs:restriction base="xs:integer">
                        <xs:enumeration value="0"/>
                        <xs:enumeration value="1"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Message" type="Irit:messageType"/>
            <xs:element name="TimeStamp" type="xs:dateTime"/>
            <xs:element name="NewVersionNum" type="Irit:ddpIncrementalVersionNumType"/>
        </xs:sequence>
        <xs:attribute name="test" type="Irit:testType" use="optional" default="0"/>
        <xs:attribute name="schemaVersion" type="xs:decimal" use="required"/>
    </xs:complexType>
</xs:schema>

```

DDPRequest.xsd-Datei

```

<!--
    File:          DDPRequest.xsd
    File Version:  2.1
    Date:          20 Sep 2017
-->
<xs:schema

```

```

version="2.0"
targetNamespace="http://gisis.imo.org/XML/LRIT/ddpRequest/2008"
xmlns="http://gisis.imo.org/XML/LRIT/ddpRequest/2008"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:lrit="http://gisis.imo.org/XML/LRIT/types/2008"
elementFormDefault="qualified">

<xs:import namespace="http://gisis.imo.org/XML/LRIT/types/2008" schemaLocation="Types.xsd"/>

<xs:simpleType name="messageTypeType">
  <xs:restriction base="xs:integer">
    <xs:enumeration value="9"/>
  </xs:restriction>
</xs:simpleType>

<xs:element name="DDPRequest" type="DDPRequestType"/>
<xs:complexType name="DDPRequestType">
  <xs:sequence>
    <xs:element name="MessageType" type="messageTypeType"/>
    <xs:element name="MessageId" type="lrit:msgIDType"/>
    <xs:element name="ReferenceId" type="lrit:refIDType"/>
    <xs:element name="UpdateType">
      <xs:simpleType>
        <xs:restriction base="xs:integer">
          <xs:enumeration value="0"/>
          <xs:enumeration value="1"/>
          <xs:enumeration value="2"/>
          <xs:enumeration value="3"/>
          <xs:enumeration value="4"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="ArchivedDDPVersionNum" type="lrit:ddpVersionNumType" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>

```

```
        <xs:element name="ArchivedDDPTimeStamp" type="xs:dateTime" minOccurs="0"/>
        <xs:element name="Originator" type="Irit:IritIDType"/>
        <xs:element name="TimeStamp" type="xs:dateTime"/>
        <xs:element name="DDPVersionNum" type="Irit:ddpVersionNumType"/>
    </xs:sequence>
    <xs:attribute name="test" type="Irit:testType" use="optional" default="0"/>
    <xs:attribute name="schemaVersion" type="xs:decimal" use="required"/>
</xs:complexType>
</xs:schema>
```

DDPUpdate.xsd-Datei

```
<!--
    File:          DDPUpdate.xsd
    File Version:  2.1
    Date:          20 Sep 2017
-->
<xs:schema
    version="2.1"
    targetNamespace="http://gisis.imo.org/XML/LRIT/ddpUpdate/2008"
    xmlns="http://gisis.imo.org/XML/LRIT/ddpUpdate/2008"
    xmlns:xs="http://www.w3.org/2001/XMLSchema"
    xmlns:Irit="http://gisis.imo.org/XML/LRIT/types/2008"
    xmlns:xmime="http://www.w3.org/2005/05/xmlmime"
    elementFormDefault="qualified">

    <xs:import namespace="http://gisis.imo.org/XML/LRIT/types/2008" schemaLocation="Types.xsd"/>

    <xs:simpleType name="messageTypeType">
        <xs:restriction base="xs:integer">
            <xs:enumeration value="10"/>
        </xs:restriction>
    </xs:simpleType>
```

```

<xs:element name="DDPUpdate" type="DDPUpdateType"/>
<xs:complexType name="DDPUpdateType">
  <xs:sequence>
    <xs:element name="MessageType" type="messageTypeType"/>
    <xs:element name="MessageId" type="Irit:msgIDType"/>
    <xs:element name="ReferenceId" type="Irit:msgIDType"/>
    <xs:element name="UpdateType">
      <xs:simpleType>
        <xs:restriction base="xs:integer">
          <xs:enumeration value="0"/>
          <xs:enumeration value="1"/>
          <xs:enumeration value="2"/>
          <xs:enumeration value="3"/>
          <xs:enumeration value="4"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Message" type="Irit:messageType"/>
    <xs:element name="TimeStamp" type="xs:dateTime"/>
    <xs:element name="DDPFileVersionNum" type="Irit:ddpVersionNumOrIncrementalVersionType"/>
    <xs:element name="DDPFile" type="xs:base64Binary" xmime:expectedContentTypes="application/zip"/>
  </xs:sequence>
  <xs:attribute name="test" type="Irit:testType" use="optional" default="0"/>
  <xs:attribute name="schemaVersion" type="xs:decimal" use="required"/>
</xs:complexType>
</xs:schema>

```

GeographicalAreaUpdateRequest.xsd-Datei

<!--

File: GeographicalAreaUpdate.xsd

File Version: 2.1

Date: 20 Sep 2017

-->

<xs:schema

version="2.1"

targetNamespace="http://gisis.imo.org/XML/LRIT/geographicalAreaUpdate/2014"

xmlns="http://gisis.imo.org/XML/LRIT/geographicalAreaUpdate/2014"

xmlns:xs="http://www.w3.org/2001/XMLSchema"

xmlns:lrit="http://gisis.imo.org/XML/LRIT/types/2008"

xmlns:xmime="http://www.w3.org/2005/05/xmlmime"

elementFormDefault="qualified">

<xs:import namespace="http://gisis.imo.org/XML/LRIT/types/2008" schemaLocation="Types.xsd"/>

<xs:simpleType name="messageTypeType">

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

<xs:enumeration value="16"/>

</xs:restriction>

</xs:simpleType>

<xs:element name="GeographicalAreaUpdate">

<xs:complexType>

<xs:sequence>

<xs:element name="MessageType" type="messageTypeType"/>

<xs:element name="MessageId" type="lrit:msgIDType"/>

<xs:element name="ActionType">

<xs:simpleType>

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

<xs:enumeration value="0"/>

<xs:enumeration value="1"/>


```

        <xs:enumeration value="2"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>

  <xs:element name="GMLFile" minOccurs="0" type="xs:base64Binary" mimeType="application/zip"/>
    <xs:element name="ArealDs">
      <xs:simpleType>
        <xs:list itemType="Irit:areaIDType"/>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DataUserRequestor" type="Irit:IritIDType"/>
    <xs:element name="TimeStamp" type="xs:dateTime"/>
    <xs:element name="DDPVersionNum" type="Irit:ddpVersionNumType"/>
  </xs:sequence>
  <xs:attribute name="test" type="Irit:testType" use="optional" default="0"/>
  <xs:attribute name="schemaVersion" type="xs:decimal" use="required"/>
</xs:complexType>
</xs:element>
</xs:schema>

```

JournalReport.xsd-Datei

```

<!--
  File:      JournalReport.xsd
  File Version:  2.1
  Date:      20 Sep 2017
-->
<xs:schema
  version="2.1"
  targetNamespace="http://gis.imo.org/XML/LRIT/journalReport/2008"
  xmlns="http://gis.imo.org/XML/LRIT/journalReport/2008"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"

```

```

xmlns:lrit="http://gisis.imo.org/XML/LRIT/types/2008"
xmlns:xmime="http://www.w3.org/2005/05/xmlmime"
elementFormDefault="qualified">

<xs:import namespace="http://gisis.imo.org/XML/LRIT/types/2008" schemaLocation="Types.xsd"/>

<xs:simpleType name="messageTypeType">
  <xs:restriction base="xs:integer">
    <xs:enumeration value="12"/>
  </xs:restriction>
</xs:simpleType>

<xs:element name="JournalReport" type="JournalReportType"/>
<xs:complexType name="JournalReportType">
  <xs:sequence>
    <xs:element name="MessageType" type="messageTypeType"/>
    <xs:element name="MessageId" type="lrit:msgIDType"/>
    <xs:element name="Message" type="lrit:messageType"/>
    <xs:element name="TimeStamp" type="xs:dateTime"/>
    <xs:element name="Originator" type="lrit:lritIDType"/>
    <xs:element name="JournalFile" type="xs:base64Binary" xmime:expectedContentTypes="application/zip"/>
    <xs:element name="DDPVersionNum" type="lrit:ddpVersionNumType"/>
  </xs:sequence>
  <xs:attribute name="test" type="lrit:testType" use="optional" default="0"/>
  <xs:attribute name="schemaVersion" type="xs:decimal" use="required"/>
</xs:complexType>
</xs:schema>

```

LritMessageLog.xsd-Datei

```
<!--
```

```

File:          LritMessageLog.xsd
File Version:  2.1

```

Date: 20 Sep 2017

-->

<xs:schema

version="2.1"

targetNamespace="http://gisis.imo.org/XML/LRIT/2008"

xmlns="http://gisis.imo.org/XML/LRIT/2008"

xmlns:xs="http://www.w3.org/2001/XMLSchema"

xmlns:posrep="http://gisis.imo.org/XML/LRIT/positionReport/2008"

xmlns:posreq="http://gisis.imo.org/XML/LRIT/positionRequest/2008"

xmlns:surpic="http://gisis.imo.org/XML/LRIT/surpicRequest/2017"

xmlns:receipt="http://gisis.imo.org/XML/LRIT/receipt/2008"

xmlns:systemStatus="http://gisis.imo.org/XML/LRIT/systemStatus/2008"

xmlns:journalReport="http://gisis.imo.org/XML/LRIT/journalReport/2008"

xmlns:ddpNotification="http://gisis.imo.org/XML/LRIT/ddpNotification/2008"

xmlns:ddpRequest="http://gisis.imo.org/XML/LRIT/ddpRequest/2008"

xmlns:ddpUpdate="http://gisis.imo.org/XML/LRIT/ddpUpdate/2008"

xmlns:xmime="http://www.w3.org/2005/05/xmlmime"

elementFormDefault="qualified">

<xs:import namespace="http://gisis.imo.org/XML/LRIT/journalReport/2008" schemaLocation="JournalReport.xsd"/>

<xs:import namespace="http://gisis.imo.org/XML/LRIT/positionReport/2008" schemaLocation="ShipPositionReport.xsd"/>

<xs:import namespace="http://gisis.imo.org/XML/LRIT/positionRequest/2008" schemaLocation="ShipPositionRequest.xsd"/>

<xs:import namespace="http://gisis.imo.org/XML/LRIT/surpicRequest/2017" schemaLocation="SURPICRequest.xsd"/>

<xs:import namespace="http://gisis.imo.org/XML/LRIT/receipt/2008" schemaLocation="Receipt.xsd"/>

<xs:import namespace="http://gisis.imo.org/XML/LRIT/systemStatus/2008" schemaLocation="SystemStatus.xsd"/>

<xs:import namespace="http://gisis.imo.org/XML/LRIT/ddpNotification/2008" schemaLocation="DDPNotification.xsd"/>

<xs:import namespace="http://gisis.imo.org/XML/LRIT/ddpRequest/2008" schemaLocation="DDPRequest.xsd"/>

<xs:import namespace="http://gisis.imo.org/XML/LRIT/ddpUpdate/2008" schemaLocation="DDPUpdate.xsd"/>

<xs:complexType name="PositionReportLogType">

<xs:sequence>

<xs:element ref="posrep:ShipPositionReport"/>

</xs:sequence>

```

        <xs:attribute name="positionSent" type="xs:boolean" use="required"/>
    </xs:complexType>

    <xs:complexType name="LritMessageType">
        <xs:sequence>
            <xs:element name="ReceivedTimestamp" type="xs:dateTime" minOccurs="0"/>
            <xs:element name="SentTimestamp" type="xs:dateTime" minOccurs="0"/>
            <xs:choice minOccurs="1" maxOccurs="1">
                <xs:element name="PositionReport" type="PositionReportLogType"/>
                <xs:element ref="posreq:ShipPositionRequest"/>
                <xs:element ref="surpic:SURPICRequest" />
                <xs:element ref="receipt:Receipt" />
                <xs:element ref="systemStatus:SystemStatus" />
                <xs:element ref="journalReport:JournalReport" />
                <xs:element ref="ddpUpdate:DDPUpdate" />
                <xs:element ref="ddpRequest:DDPRequest" />
                <xs:element ref="ddpNotification:DDPNotification" />
            </xs:choice>
        </xs:sequence>
    </xs:complexType>

    <xs:complexType name="MessageLogType">
        <xs:sequence>
            <xs:element name="LritMessage" type="LritMessageType" maxOccurs="unbounded" />
        </xs:sequence>
    </xs:complexType>

    <xs:element name="LritMessageLog" type="MessageLogType" />

</xs:schema>

```

Receipt.xsd-Datei

```
<!--  
    File:          Receipt.xsd  
    File Version:  2.1  
    Date:          20 Sep 2017  
-->  
<xs:schema  
    version="2.1"  
    targetNamespace="http://gisis.imo.org/XML/LRIT/receipt/2008"  
    xmlns="http://gisis.imo.org/XML/LRIT/receipt/2008"  
    xmlns:xs="http://www.w3.org/2001/XMLSchema"  
    xmlns:lrit="http://gisis.imo.org/XML/LRIT/types/2008" elementFormDefault="qualified">  
  
    <xs:import namespace="http://gisis.imo.org/XML/LRIT/types/2008" schemaLocation="Types.xsd"/>  
  
    <xs:simpleType name="messageTypeType">  
        <xs:restriction base="xs:integer">  
            <xs:enumeration value="7"/>  
        </xs:restriction>  
    </xs:simpleType>  
  
    <xs:simpleType name="receiptCodeType">  
        <xs:restriction base="xs:integer">  
            <xs:enumeration value="0"/>  
            <xs:enumeration value="1"/>  
            <xs:enumeration value="2"/>  
            <xs:enumeration value="3"/>  
            <xs:enumeration value="4"/>  
            <xs:enumeration value="5"/>  
            <xs:enumeration value="6"/>  
            <xs:enumeration value="7"/>  
            <xs:enumeration value="8"/>  
            <xs:enumeration value="9"/>  
            <xs:enumeration value="10"/>  
        </xs:restriction>  
    </xs:simpleType>  
</xs:schema>
```

```

        <xs:enumeration value="11"/>
        <xs:enumeration value="12"/>
        <xs:enumeration value="13"/>
    </xs:restriction>
</xs:simpleType>

<xs:element name="Receipt">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="MessageType" type="messageTypeType"/>
            <xs:element name="MsgId" type="Irit:msgIDType"/>
            <xs:element name="ReferenceId" type="Irit:refIDType"/>
            <xs:element name="ReceiptCode" type="receiptCodeType"/>
            <xs:element name="Destination" type="Irit:IritIDType"/>
            <xs:element name="Originator" type="Irit:IritIDType"/>
            <xs:element name="Message" type="Irit:messageType"/>
            <xs:element name="TimeStamp" type="xs:dateTime"/>
            <xs:element name="DDPVersionNum" type="Irit:ddpVersionNumType"/>
        </xs:sequence>
        <xs:attribute name="test" type="Irit:testType" use="optional" default="0"/>
        <xs:attribute name="schemaVersion" type="xs:decimal" use="required"/>
    </xs:complexType>
</xs:element>
</xs:schema>

```

ShipPositionReport.xsd-Datei

```

<!--
    File:      ShipPositionReport.xsd
    File Version:  2.1
    Date:   2    0 Sep 2017
-->
<xs:schema

```

```

version="2.1"
targetNamespace="http://gisis.imo.org/XML/LRIT/positionReport/2008"
xmlns="http://gisis.imo.org/XML/LRIT/positionReport/2008"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:lrit="http://gisis.imo.org/XML/LRIT/types/2008"
elementFormDefault="qualified">

<xs:import namespace="http://gisis.imo.org/XML/LRIT/types/2008" schemaLocation="Types.xsd"/>

<xs:simpleType name="messageType">
  <xs:restriction base="xs:integer">
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
  </xs:restriction>
</xs:simpleType>

<xs:element name="ShipPositionReport" type="ShipPositionReportType"/>
<xs:complexType name="ShipPositionReportType">
  <xs:sequence>
    <xs:element name="Latitude" type="lrit:latitudeType"/>
    <xs:element name="Longitude" type="lrit:longitudeType"/>
    <xs:element name="TimeStamp1" type="xs:dateTime"/>
    <xs:element name="ShipborneEquipmentId" type="xs:string"/>
    <xs:element name="ASPID" type="lrit:aspLRITIDType"/>
    <xs:element name="CSPID" type="lrit:cspLRITIDType" minOccurs="0"/>
    <xs:element name="MessageType" type="messageTypeType"/>
    <xs:element name="MessageId" type="lrit:msgIDType"/>
    <xs:element name="ReferenceId" type="lrit:refIDType"/>
    <xs:element name="IMONum" type="lrit:imoNumType"/>
    <xs:element name="MMSINum" type="lrit:mmsiNumType" minOccurs="0"/>
    <xs:element name="TimeStamp2" type="xs:dateTime"/>
    <xs:element name="TimeStamp3" type="xs:dateTime"/>
  </xs:sequence>
</xs:complexType>

```

```

    <xs:element name="DCId" type="Irit:dataCentreLRITIDType"/>
    <xs:element name="TimeStamp4" type="xs:dateTime"/>
    <xs:element name="TimeStamp5" type="xs:dateTime"/>
    <xs:element name="ResponseType" type="Irit:responseTypeType"/>
    <xs:element name="DataUserRequestor" type="Irit:IritIDType"/>
    <xs:element name="ShipName" type="Irit:shipNameType" minOccurs="0"/>
    <xs:element name="ShipType" type="Irit:shipTypeType"/>
    <xs:element name="DataUserProvider" type="Irit:IritIDType"/>
    <xs:element name="DDPVersionNum" type="Irit:ddpVersionNumType"/>
  </xs:sequence>
  <xs:attribute name="test" type="Irit:testType" use="optional" default="0"/>
  <xs:attribute name="schemaVersion" type="xs:decimal" use="required"/>
</xs:complexType>
</xs:schema>

```

ShipPositionRequest.xsd-Datei

```

<!--
  File:          ShipPositionRequest.xsd
  File Version:  2.1
  Date:          20 Sep 2017
-->
<xs:schema
  version="2.1"
  targetNamespace="http://gisis.imo.org/XML/LRIT/positionRequest/2008"
  xmlns="http://gisis.imo.org/XML/LRIT/positionRequest/2008"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:Irit="http://gisis.imo.org/XML/LRIT/types/2008"
  elementFormDefault="qualified">

  <xs:import namespace="http://gisis.imo.org/XML/LRIT/types/2008" schemaLocation="Types.xsd"/>

  <xs:simpleType name="messageTypeType">

```



```
<xs:restriction base="xs:integer">
  <xs:enumeration value="4"/>
  <xs:enumeration value="5"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="accessTypeType">
  <xs:restriction base="xs:integer">
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
    <xs:enumeration value="5"/>
    <xs:enumeration value="6"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="requestTypeType">
  <xs:restriction base="xs:integer">
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
    <xs:enumeration value="4"/>
    <xs:enumeration value="5"/>
    <xs:enumeration value="6"/>
    <xs:enumeration value="7"/>
    <xs:enumeration value="8"/>
    <xs:enumeration value="9"/>
    <xs:enumeration value="10"/>
    <xs:enumeration value="11"/>
  </xs:restriction>
</xs:simpleType>
<xs:complexType name="requestDurationType">
```

```
<xs:attribute name="startTime" type="xs:dateTime" use="optional"/>
<xs:attribute name="stopTime" type="xs:dateTime" use="optional"/>
</xs:complexType>

<xs:simpleType name="distanceType">
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="0"/>
    <xs:maxInclusive value="9999"/>
  </xs:restriction>
</xs:simpleType>
<xs:element name="ShipPositionRequest" type="ShipPositionRequestType"/>

<xs:complexType name="ShipPositionRequestType">
  <xs:sequence>
    <xs:element name="MessageType" type="messageTypeType"/>
    <xs:element name="MessageId" type="Irit:msgIDType"/>
    <xs:element name="IMONum" type="Irit:imoNumType"/>
    <xs:element name="DataUserProvider" type="Irit:IritIDType"/>
    <xs:element name="AccessType" type="accessTypeType"/>
    <xs:choice minOccurs="0">
      <xs:element name="Port" type="Irit:locodeType"/>
      <xs:element name="PortFacility" type="Irit:imoPortFacilityNumberType"/>
      <xs:element name="Place" type="Irit:placeCodeType"/>
    </xs:choice>
    <xs:element name="Distance" type="distanceType"/>
    <xs:element name="RequestType" type="requestTypeType"/>
    <xs:element name="RequestDuration" type="requestDurationType" minOccurs="0"/>
    <xs:element name="DataUserRequestor" type="Irit:IritIDType"/>
    <xs:element name="TimeStamp" type="xs:dateTime"/>
    <xs:element name="DDPVersionNum" type="Irit:ddpVersionNumType"/>
  </xs:sequence>
  <xs:attribute name="test" type="Irit:testType" use="optional" default="0"/>
  <xs:attribute name="schemaVersion" type="xs:decimal" use="required"/>
</xs:complexType>
```

```
    </xs:complexType>
</xs:schema>
```

SURPICRequest.xsd-Datei

```
<!--
    File:          SURPICRequest.xsd
    File Version:  2.1
    Date:          20 Sep 2017
-->
<xs:schema
    version="2.1"
    targetNamespace="http://gisis.imo.org/XML/LRIT/surpicRequest/2017"
    xmlns="http://gisis.imo.org/XML/LRIT/surpicRequest/2017"
    xmlns:xs="http://www.w3.org/2001/XMLSchema"
    xmlns:irit="http://gisis.imo.org/XML/LRIT/types/2008"
    elementFormDefault="qualified">

    <xs:import namespace="http://gisis.imo.org/XML/LRIT/types/2008" schemaLocation="Types.xsd"/>

    <xs:simpleType name="messageTypeType">
        <xs:restriction base="xs:integer">
            <xs:enumeration value="6"/>
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="accessTypeType">
        <xs:restriction base="xs:integer">
            <xs:enumeration value="1"/>
            <xs:enumeration value="6"/>
        </xs:restriction>
    </xs:simpleType>
```

```

<xs:simpleType name="requestTypeType">
  <xs:restriction base="xs:integer">
    <xs:enumeration value="7"/>
    <xs:enumeration value="9"/>
  </xs:restriction>
</xs:simpleType>

<xs:complexType name="requestDurationType">
  <xs:attribute name="startTime" type="xs:dateTime" use="optional"/>
  <xs:attribute name="stopTime" type="xs:dateTime" use="optional"/>
</xs:complexType>

<xs:simpleType name="circularAreaType">
  <xs:restriction base="xs:string">
    <xs:pattern value="|((([0-8][0-9] ()\.[0-5][0-9]\.[nNsS])|(90\.00\.[nNsS])):((([0-1][0-7][0-9]\.[0-5][0-9]\.[eEwW])|([0][8-9][0-9]\.[0-5][0-9]\.[eEwW])|([180\.00\.[eEwW])):([0-9]{3}))"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="rectangularAreaType">
  <xs:restriction base="xs:string">
    <xs:pattern value="()|((([0-8][0-9]\.[0-5][0-9]\.[nNsS])|(90\.00\.[nNsS])):((([0-1][0-7][0-9]\.[0-5][0-9]\.[eEwW])|([0][8-9][0-9]\.[0-5][0-9]\.[eEwW])|([180\.00\.[eEwW])):([0-8][0-9]\.[0-5][0-9]\.[nN])|(90\.00\.[nN])):((([0-1][0-7][0-9]\.[0-5][0-9]\.[eE])|([0][8-9][0-9]\.[0-5][0-9]\.[eE])|([180\.00\.[eE]))"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="numberOfPositionsType">
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="1"/>
    <xs:maxInclusive value="4"/>
  </xs:restriction>

```

```

</xs:simpleType>

<xs:element name="SURPICRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="MessageType" type="messageTypeType"/>
      <xs:element name="MessageId" type="Irit:msgIDType"/>
      <xs:element name="AccessType" type="accessTypeType"/>
      <xs:element name="DataUserProvider" type="Irit:IritIDType" minOccurs="0"/>
      <xs:choice>
        <xs:element name="CircularArea" type="circularAreaType"/>
        <xs:element name="RectangularArea" type="rectangularAreaType"/>
      </xs:choice>
      <xs:element name="ShipTypes" minOccurs="0">
        <xs:simpleType>
          <xs:list itemType="Irit:shipTypeType"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="NumberOfPositions" type="numberOfPositionsType" minOccurs="0"/>
      <xs:element name="DataUserRequestor" type="Irit:IritIDType"/>
      <xs:element name="RequestType" type="requestTypeType" minOccurs="0"/>
      <xs:element name="RequestDuration" type="requestDurationType" minOccurs="0"/>
      <xs:element name="TimeStamp" type="xs:dateTime"/>
      <xs:element name="DDPVersionNum" type="Irit:ddpVersionNumType"/>
    </xs:sequence>
    <xs:attribute name="test" type="Irit:testType" use="optional" default="0"/>
    <xs:attribute name="schemaVersion" type="xs:decimal" use="required"/>
  </xs:complexType>
</xs:element>
</xs:schema>

```

SystemStatus.xsd-Datei

<!--

File: SystemStatus.xsd
File Version: 2.1
Date: 20 Sep 2017

-->

<xs:schema

version="2.1"
targetNamespace="http://gisis.imo.org/XML/LRIT/systemStatus/2008"
xmlns="http://gisis.imo.org/XML/LRIT/systemStatus/2008"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:lrit="http://gisis.imo.org/XML/LRIT/types/2008"
elementFormDefault="qualified">

<xs:import namespace="http://gisis.imo.org/XML/LRIT/types/2008" schemaLocation="Types.xsd"/>

<xs:simpleType name="messageTypeType">
 <xs:restriction base="xs:integer">
 <xs:enumeration value="11"/>
 </xs:restriction>

</xs:simpleType>

<xs:simpleType name="systemStatusIndicatorType">
 <xs:restriction base="xs:integer">
 <xs:enumeration value="0"/>
 <xs:enumeration value="1"/>
 </xs:restriction>

</xs:simpleType>

<xs:element name="SystemStatus" type="SystemStatusType"/>

<xs:complexType name="SystemStatusType">
 <xs:sequence>
 <xs:element name="MessageType" type="messageTypeType"/>
 <xs:element name="MessageId" type="lrit:msgIDType"/>

```
<xs:element name="TimeStamp" type="xs:dateTime"/>
<xs:element name="DDPVersionNum" type="Irit:ddpVersionNumType"/>
<xs:element name="SystemStatus" type="systemStatusIndicatorType"/>
<xs:element name="Message" type="Irit:messageType"/>
<xs:element name="Originator" type="Irit:IritIDType"/>
</xs:sequence>
<xs:attribute name="test" type="Irit:testType" use="optional" default="0"/>
<xs:attribute name="schemaVersion" type="xs:decimal" use="required"/>
</xs:complexType>
</xs:schema>
```

Types.xsd-Datei

<!--

File: Types.xsd
File Version: 2.1
Date: 20 Sep 2017

-->

<xs:schema

version="2.1"
targetNamespace="http://gisis.imo.org/XML/LRIT/types/2008"
xmlns="http://gisis.imo.org/XML/LRIT/types/2008"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
elementFormDefault="qualified">

<xs:simpleType name="IritIDType">
 <xs:restriction base="xs:string">
 <xs:pattern value="[0-4][0-9]{3}"/>
 </xs:restriction>
</xs:simpleType>

<xs:simpleType name="contractingGovernmentLRITIDType">
 <xs:restriction base="IritIDType">
 <xs:pattern value="[1][0-9]{3}"/>
 </xs:restriction>
</xs:simpleType>

<xs:simpleType name="sarServiceLRITIDType">
 <xs:restriction base="IritIDType">
 <xs:pattern value="[2][0-9]{3}"/>
 </xs:restriction>
</xs:simpleType>

<xs:simpleType name="dataCentreLRITIDType">
 <xs:restriction base="IritIDType">
 <xs:pattern value="[3][0-9]{3}"/>
 </xs:restriction>


```
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="aspLRITIDType">
        <xs:restriction base="IritIDType">
            <xs:pattern value="[4][0-9]{3}" />
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="cspLRITIDType">
        <xs:restriction base="IritIDType">
            <xs:pattern value="[4][0-9]{3}" />
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="ddpServerLRITIDType">
        <xs:restriction base="IritIDType">
            <xs:enumeration value="0001" />
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="ideLRITIDType">
        <xs:restriction base="IritIDType">
            <xs:enumeration value="0002" />
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="IritCoordinatorLRITIDType">
        <xs:restriction base="IritIDType">
            <xs:enumeration value="0003" />
        </xs:restriction>
    </xs:simpleType>
```

```
<xs:simpleType name="msgIDType">
  <xs:restriction base="xs:string">
    <xs:pattern value="([0-9]{4})(20[0-2][0-9])(0[1-9]|1[0-2])(0[1-9]|[1-2][0-9]|3[0-1])([0-1][0-9]|2[0-3])([0-5][0-9])([0-5][0-9])([0-9]{5})"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="refIDType">
  <xs:restriction base="xs:string">
    <xs:pattern value="()|((([0-9]{4})(20[0-2][0-9])(0[1-9]|1[0-2])(0[1-9]|[1-2][0-9]|3[0-1])([0-1][0-9]|2[0-3])([0-5][0-9])([0-5][0-9])([0-9]{5})))"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="imoNumType">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]{7}" />
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="shipNameType">
  <xs:restriction base="xs:string">
    <xs:minLength value="0" />
    <xs:maxLength value="50" />
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="mmsiNumType">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]{9}" />
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="testType">
```

```

        <xs:restriction base="xs:integer">
            <xs:enumeration value="0"/>
            <xs:enumeration value="1"/>
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="responseTypeType">
        <xs:restriction base="xs:integer">
            <xs:enumeration value="1"/>
            <xs:enumeration value="2"/>
            <xs:enumeration value="3"/>
            <xs:enumeration value="4"/>
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="longitudeType">
        <xs:restriction base="xs:string">
            <xs:length value="11"/>
            <xs:pattern value="([0-1][0-7][0-9]\.[0-5][0-9]\.[0-9][0-9]\.[eEwW])|([0][8-9][0-9]\.[0-5][0-9]\.[0-9][0-9]\.[eEwW])|(180\.[00\.[00\.[eEwW])|>
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="latitudeType">
        <xs:restriction base="xs:string">
            <xs:length value="10"/>
            <xs:pattern value="([0-8][0-9]\.[0-5][0-9]\.[0-9][0-9]\.[nNsS])|(90\.[00\.[00\.[nNsS])|>
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="messageType">
        <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
        </xs:restriction>
    </xs:simpleType>

```

```
        </xs:restriction>
</xs:simpleType>

<xs:simpleType name="ddpVersionNumType">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]+:[0-9]+"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="ddpIncrementalVersionNumType">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]+"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="ddpVersionNumOrIncrementalVersionType">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]+(:[0-9]+)?"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="locodeType">
  <xs:restriction base="xs:string">
    <xs:pattern value="[A-Z]{2}([A-Z0-9]){3}"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="imoPortFacilityNumberType">
  <xs:restriction base="xs:string">
    <xs:pattern value="[A-Z]{2}([A-Z0-9]){3}-[0-9]{4}"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="placeCodeType">
```

```

    <xs:restriction base="xs:string">
      <xs:pattern value="[A-Z]{3}{[0-9]}{3}"/>
    </xs:restriction>
  </xs:simpleType>

  <xs:complexType name="polygonType">
    <xs:sequence>
      <xs:element name="Caption" type="xs:string" minOccurs="0" form="qualified"/>
      <xs:element name="PosList" type="polygonPosListType" form="qualified"/>
    </xs:sequence>
    <xs:attribute name="arealD" type="arealDType" use="required"/>
  </xs:complexType>

  <xs:simpleType name="posType">
    <xs:restriction base="xs:string">
      <xs:pattern value="\s*-[0-9]{1,3}\.[0-9]{2}\s+-[0-9]{1,2}\.[0-9]{2}\s*" />
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="polygonPosListType">
    <xs:restriction base="xs:string">
      <xs:pattern value="\s*(\s*-[0-9]{1,3}\.[0-9]{2}\s+-[0-9]{1,2}\.[0-9]{2}\s*)(\s+-[0-9]{1,3}\.[0-9]{2}\s+-[0-9]{1,2}\.[0-9]{2}\s*){2,}" />
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="shipTypeType">
    <xs:restriction base="xs:string">
      <xs:pattern value="[0-9]{2}[0-9]{2}" />
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="arealDType">
    <xs:restriction base="xs:string">

```

```
        <xs:pattern value="GA(IW|TS|OT|CA)1[0-9]{3}_[0-9]+"/>
    </xs:restriction>
</xs:simpleType>

<xs:complexType name="coastalStateStandingOrderType">
    <xs:sequence>
        <xs:element name="Polygon" minOccurs="1" maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="FilterFlag" minOccurs="0">
                        <xs:simpleType>
                            <xs:list itemType="contractingGovernmentLRITIDType" />
                        </xs:simpleType>
                    </xs:element>
                    <xs:element name="FilterShipType" minOccurs="0">
                        <xs:simpleType>
                            <xs:list itemType="shipTypeType" />
                        </xs:simpleType>
                    </xs:element>
                </xs:sequence>
                <xs:attribute name="arealID" type="arealIDType" />
            </xs:complexType>
        </xs:element>
    </xs:sequence>
    <xs:attribute name="contractingGovernmentID" type="contractingGovernmentLRITIDType" />
</xs:complexType>
</xs:schema>
```

WSDL-Dateien

DC.wsdl-Datei

<!--

File: DC.wsdl
File Version: 2.1
Date: 20 Sep 2017

-->

<wsdl:definitions

name="dc"
targetNamespace="http://gisis.imo.org/XML/LRIT/2008"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
xmlns:tns="http://gisis.imo.org/XML/LRIT/2008"
xmlns:posrep="http://gisis.imo.org/XML/LRIT/positionReport/2008"
xmlns:posreq="http://gisis.imo.org/XML/LRIT/positionRequest/2008"
xmlns:surpic="http://gisis.imo.org/XML/LRIT/surpicRequest/2017"
xmlns:receipt="http://gisis.imo.org/XML/LRIT/receipt/2008"
xmlns:ddpNotification="http://gisis.imo.org/XML/LRIT/ddpNotification/2008"
xmlns:ddpUpdate="http://gisis.imo.org/XML/LRIT/ddpUpdate/2008"
xmlns:systemStatus="http://gisis.imo.org/XML/LRIT/systemStatus/2008"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/">

<wsdl:types>

<xs:schema elementFormDefault="qualified" targetNamespace="http://gisis.imo.org/XML/LRIT/2008">
 <xs:import namespace="http://gisis.imo.org/XML/LRIT/positionReport/2008" schemaLocation="ShipPositionReport.xsd"/>
 <xs:import namespace="http://gisis.imo.org/XML/LRIT/positionRequest/2008" schemaLocation="ShipPositionRequest.xsd"/>
 <xs:import namespace="http://gisis.imo.org/XML/LRIT/surpicRequest/2017" schemaLocation="SURPICRequest.xsd"/>
 <xs:import namespace="http://gisis.imo.org/XML/LRIT/receipt/2008" schemaLocation="Receipt.xsd"/>
 <xs:import namespace="http://gisis.imo.org/XML/LRIT/ddpNotification/2008" schemaLocation="DDPNotification.xsd"/>
 <xs:import namespace="http://gisis.imo.org/XML/LRIT/ddpUpdate/2008" schemaLocation="DDPUpdate.xsd"/>
 <xs:import namespace="http://gisis.imo.org/XML/LRIT/systemStatus/2008" schemaLocation="SystemStatus.xsd"/>

```
<xs:simpleType name="responseType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Success"/>
  </xs:restriction>
</xs:simpleType>
<xs:element name="Response">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="response" type="tns:responseType"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:schema>
</wsdl:types>

<wsdl:message name="ShipPositionReportRequest">
  <wsdl:part name="params" element="posrep:ShipPositionReport"/>
</wsdl:message>
<wsdl:message name="ShipPositionReportResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="ShipPositionRequestRequest">
  <wsdl:part name="params" element="posreq:ShipPositionRequest"/>
</wsdl:message>
<wsdl:message name="ShipPositionRequestResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="SURPICRequestRequest">
  <wsdl:part name="params" element="surpic:SURPICRequest"/>
</wsdl:message>
<wsdl:message name="SURPICRequestResponse">
```



```
        <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="ReceiptRequest">
    <wsdl:part name="params" element="receipt:Receipt"/>
</wsdl:message>
<wsdl:message name="ReceiptResponse">
    <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="DDPNotificationRequest">
    <wsdl:part name="params" element="ddpNotification:DDPNotification"/>
</wsdl:message>
<wsdl:message name="DDPNotificationResponse">
    <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="DDPUpdateRequest">
    <wsdl:part name="params" element="ddpUpdate:DDPUpdate"/>
</wsdl:message>
<wsdl:message name="DDPUpdateResponse">
    <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="SystemStatusRequest">
    <wsdl:part name="params" element="systemStatus:SystemStatus"/>
</wsdl:message>
<wsdl:message name="SystemStatusResponse">
    <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:portType name="dcPortType">
    <wsdl:operation name="ShipPositionReport">
```

```
        <wsdl:input message="tns:ShipPositionReportRequest"/>
        <wsdl:output message="tns:ShipPositionReportResponse"/>
    </wsdl:operation>
    <wsdl:operation name="ShipPositionRequest">
        <wsdl:input message="tns:ShipPositionRequestRequest"/>
        <wsdl:output message="tns:ShipPositionRequestResponse"/>
    </wsdl:operation>
    <wsdl:operation name="SURPICRequest">
        <wsdl:input message="tns:SURPICRequestRequest"/>
        <wsdl:output message="tns:SURPICRequestResponse"/>
    </wsdl:operation>
    <wsdl:operation name="Receipt">
        <wsdl:input message="tns:ReceiptRequest"/>
        <wsdl:output message="tns:ReceiptResponse"/>
    </wsdl:operation>
    <wsdl:operation name="DDPNotification">
        <wsdl:input message="tns:DDPNotificationRequest"/>
        <wsdl:output message="tns:DDPNotificationResponse"/>
    </wsdl:operation>
    <wsdl:operation name="DDPUpdate">
        <wsdl:input message="tns:DDPUpdateRequest"/>
        <wsdl:output message="tns:DDPUpdateResponse"/>
    </wsdl:operation>
    <wsdl:operation name="SystemStatus">
        <wsdl:input message="tns:SystemStatusRequest"/>
        <wsdl:output message="tns:SystemStatusResponse"/>
    </wsdl:operation>
</wsdl:portType>

<wsdl:binding name="dcServiceBinding" type="tns:dcPortType">
    <soap12:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
    <wsdl:operation name="ShipPositionReport">
        <soap12:operation soapAction=""/>
    </wsdl:operation>
</wsdl:binding>
</wsdl:service>
```

```
<wsdl:input>
  <soap12:body use="literal"/>
</wsdl:input>
<wsdl:output>
  <soap12:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="ShipPositionRequest">
  <soap12:operation soapAction=""/>
  <wsdl:input>
    <soap12:body use="literal"/>
  </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal"/>
  </wsdl:output>
</wsdl:operation>
<wsdl:operation name="SURPICRequest">
  <soap12:operation soapAction=""/>
  <wsdl:input>
    <soap12:body use="literal"/>
  </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal"/>
  </wsdl:output>
</wsdl:operation>
<wsdl:operation name="Receipt">
  <soap12:operation soapAction=""/>
  <wsdl:input>
    <soap12:body use="literal"/>
  </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal"/>
  </wsdl:output>
```

```
</wsdl:operation>
<wsdl:operation name="DDPNotification">
  <soap12:operation soapAction=""/>
  <wsdl:input>
    <soap12:body use="literal"/>
  </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal"/>
  </wsdl:output>
</wsdl:operation>
<wsdl:operation name="DDPUpdate">
  <soap12:operation soapAction=""/>
  <wsdl:input>
    <soap12:body use="literal"/>
  </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal"/>
  </wsdl:output>
</wsdl:operation>
<wsdl:operation name="SystemStatus">
  <soap12:operation soapAction=""/>
  <wsdl:input>
    <soap12:body use="literal"/>
  </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal"/>
  </wsdl:output>
</wsdl:operation>
</wsdl:binding>

<wsdl:service name="dcService">
  <wsdl:port name="dcPort" binding="tns:dcServiceBinding">
    <soap12:address location="http://localhost:8080/dc"/>
  </wsdl:port>
</wsdl:service>
```

```
</wsdl:port>
</wsdl:service>
```

```
</wsdl:definitions>
```

DDP.wsdl-Datei

```
<!--
```

```
File:          DDP.wsdl
File Version:  2.1
Date:          20 Sep 2017
```

```
-->
```

```
<wsdl:definitions
```

```
  name="ddp"
  targetNamespace="http://gisis.imo.org/XML/LRIT/2008"
  xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
  xmlns:tns="http://gisis.imo.org/XML/LRIT/2008"
  xmlns:ddpRequest="http://gisis.imo.org/XML/LRIT/ddpRequest/2008"
  xmlns:receipt="http://gisis.imo.org/XML/LRIT/receipt/2008"
  xmlns:systemStatus="http://gisis.imo.org/XML/LRIT/systemStatus/2008"
  xmlns:geographicalAreaUpdate="http://gisis.imo.org/XML/LRIT/geographicalAreaUpdate/2014"
  xmlns:coastalStateStandingOrderUpdate="http://gisis.imo.org/XML/LRIT/coastalStateStandingOrderUpdate/2014"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/">
```

```
<wsdl:types>
```

```
  <xs:schema elementFormDefault="qualified" targetNamespace="http://gisis.imo.org/XML/LRIT/2008">
    <xs:import namespace="http://gisis.imo.org/XML/LRIT/ddpRequest/2008" schemaLocation="DDPRequest.xsd"/>
    <xs:import namespace="http://gisis.imo.org/XML/LRIT/receipt/2008" schemaLocation="Receipt.xsd"/>
    <xs:import namespace="http://gisis.imo.org/XML/LRIT/systemStatus/2008" schemaLocation="SystemStatus.xsd"/>
```

```
<xs:import namespace="http://gisis.imo.org/XML/LRIT/geographicalAreaUpdate/2014" schemaLocation="GeographicalAreaUpdate.xsd"/>
```

```
<xs:import namespace="http://gisis.imo.org/XML/LRIT/coastalStateStandingOrderUpdate/2014" schemaLocation="CoastalStateStandingOrderUpdate.
```

```
xsd"/>
```

```
    <xs:simpleType name="responseType">
      <xs:restriction base="xs:string">
        <xs:enumeration value="Success"/>
      </xs:restriction>
    </xs:simpleType>
    <xs:element name="Response">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="response" type="tns:responseType"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:schema>
</wsdl:types>

<wsdl:message name="DDPRequestRequest">
  <wsdl:part name="params" element="ddpRequest:DDPRequest"/>
</wsdl:message>
<wsdl:message name="DDPRequestResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="ReceiptRequest">
  <wsdl:part name="params" element="receipt:Receipt"/>
</wsdl:message>
<wsdl:message name="ReceiptResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="SystemStatusRequest">
  <wsdl:part name="params" element="systemStatus:SystemStatus"/>
</wsdl:message>
```

```

<wsdl:message name="SystemStatusResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="GeographicalAreaUpdateRequest">
  <wsdl:part name="params" element="geographicalAreaUpdate:GeographicalAreaUpdate"/>
</wsdl:message>
<wsdl:message name="GeographicalAreaUpdateResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="CoastalStateStandingOrderUpdateRequest">
  <wsdl:part name="params" element="coastalStateStandingOrderUpdate:CoastalStateStandingOrderUpdate"/>
</wsdl:message>
<wsdl:message name="CoastalStateStandingOrderUpdateResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:portType name="ddpPortType">

  <wsdl:operation name="DDPRequest">
    <wsdl:input message="tns:DDPRequestRequest"/>
    <wsdl:output message="tns:DDPRequestResponse"/>
  </wsdl:operation>

  <wsdl:operation name="Receipt">
    <wsdl:input message="tns:ReceiptRequest"/>
    <wsdl:output message="tns:ReceiptResponse"/>
  </wsdl:operation>

  <wsdl:operation name="SystemStatus">
    <wsdl:input message="tns:SystemStatusRequest"/>
    <wsdl:output message="tns:SystemStatusResponse"/>
  </wsdl:operation>

```

```
</wsdl:operation>
```

```
<wsdl:operation name="GeographicalAreaUpdate">  
  <wsdl:input message="tns:GeographicalAreaUpdateRequest"/>  
  <wsdl:output message="tns:GeographicalAreaUpdateResponse"/>  
</wsdl:operation>
```

```
<wsdl:operation name="CoastalStateStandingOrderUpdate">  
  <wsdl:input message="tns:CoastalStateStandingOrderUpdateRequest"/>  
  <wsdl:output message="tns:CoastalStateStandingOrderUpdateResponse"/>  
</wsdl:operation>
```

```
</wsdl:portType>
```

```
<wsdl:binding name="ddpServiceBinding" type="tns:ddpPortType">  
  <soap12:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
```

```
  <wsdl:operation name="DDPRequest">  
    <soap12:operation soapAction="" />  
    <wsdl:input>  
      <soap12:body use="literal" />  
    </wsdl:input>  
    <wsdl:output>  
      <soap12:body use="literal" />  
    </wsdl:output>  
  </wsdl:operation>
```

```
  <wsdl:operation name="Receipt">  
    <soap12:operation soapAction="" />  
    <wsdl:input>  
      <soap12:body use="literal" />  
    </wsdl:input>  
    <wsdl:output>  
      <soap12:body use="literal" />  
    </wsdl:output>  
  </wsdl:operation>
```



```
        </wsdl:output>
    </wsdl:operation>

    <wsdl:operation name="SystemStatus">
        <soap12:operation soapAction=""/>
        <wsdl:input>
            <soap12:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal"/>
        </wsdl:output>
    </wsdl:operation>

    <wsdl:operation name="GeographicalAreaUpdate">
        <soap12:operation soapAction=""/>
        <wsdl:input>
            <soap12:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal"/>
        </wsdl:output>
    </wsdl:operation>

    <wsdl:operation name="CoastalStateStandingOrderUpdate">
        <soap12:operation soapAction=""/>
        <wsdl:input>
            <soap12:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal"/>
        </wsdl:output>
    </wsdl:operation>
</wsdl:binding>
```

```
<wsdl:service name="ddpService">
  <wsdl:port name="ddpPort" binding="tns:ddpServiceBinding">
    <soap12:address location="http://localhost:8080/ddp"/>
  </wsdl:port>
</wsdl:service>
```

```
</wsdl:definitions>
```

IDE-DC.wsdl-Datei

```
<!--
```

```
File:      IDE-DC.wsdl
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```

```
-->
```

```
<wsdl:definitions
```

```
  name="ide"
  targetNamespace="http://gisis.imo.org/XML/LRIT/2008"
  xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
  xmlns:tns="http://gisis.imo.org/XML/LRIT/2008"
  xmlns:posrep="http://gisis.imo.org/XML/LRIT/positionReport/2008"
  xmlns:posreq="http://gisis.imo.org/XML/LRIT/positionRequest/2008"
  xmlns:surpic="http://gisis.imo.org/XML/LRIT/surpicRequest/2017"
  xmlns:receipt="http://gisis.imo.org/XML/LRIT/receipt/2008"
  xmlns:systemStatus="http://gisis.imo.org/XML/LRIT/systemStatus/2008"
  xmlns:journalReport="http://gisis.imo.org/XML/LRIT/journalReport/2008"
  xmlns:geographicalAreaUpdate="http://gisis.imo.org/XML/LRIT/geographicalAreaUpdate/2014"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/">
```

```
<wsdl:types>
```

```
  <xs:schema elementFormDefault="qualified" targetNamespace="http://gisis.imo.org/XML/LRIT/2008">
```

```

<xs:import namespace="http://gis.imo.org/XML/LRIT/positionReport/2008" schemaLocation="ShipPositionReport.xsd"/>
<xs:import namespace="http://gis.imo.org/XML/LRIT/positionRequest/2008" schemaLocation="ShipPositionRequest.xsd"/>
<xs:import namespace="http://gis.imo.org/XML/LRIT/surpicRequest/2017" schemaLocation="SURPICRequest.xsd"/>
<xs:import namespace="http://gis.imo.org/XML/LRIT/receipt/2008" schemaLocation="Receipt.xsd"/>
<xs:import namespace="http://gis.imo.org/XML/LRIT/systemStatus/2008" schemaLocation="SystemStatus.xsd"/>
<xs:import namespace="http://gis.imo.org/XML/LRIT/journalReport/2008" schemaLocation="JournalReport.xsd"/>

<xs:import namespace="http://gis.imo.org/XML/LRIT/geographicalAreaUpdate/2014" schemaLocation="GeographicalAreaUpdate.xsd"/>

<xs:simpleType name="responseType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Success"/>
  </xs:restriction>
</xs:simpleType>
<xs:element name="Response">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="response" type="tns:responseType"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:schema>
</wsdl:types>

<wsdl:message name="ShipPositionReportRequest">
  <wsdl:part name="params" element="posrep:ShipPositionReport"/>
</wsdl:message>
<wsdl:message name="ShipPositionReportResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="ShipPositionRequestRequest">
  <wsdl:part name="params" element="posreq:ShipPositionRequest"/>

```

```
</wsdl:message>
<wsdl:message name="ShipPositionRequestResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="SURPICRequestRequest">
  <wsdl:part name="params" element="surpic:SURPICRequest"/>
</wsdl:message>
<wsdl:message name="SURPICRequestResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="ReceiptRequest">
  <wsdl:part name="params" element="receipt:Receipt"/>
</wsdl:message>
<wsdl:message name="ReceiptResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="DDPUpdateResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="SystemStatusRequest">
  <wsdl:part name="params" element="systemStatus:SystemStatus"/>
</wsdl:message>
<wsdl:message name="SystemStatusResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="JournalReportRequest">
  <wsdl:part name="params" element="journalReport:JournalReport"/>
</wsdl:message>
```

```
<wsdl:message name="JournalReportResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="GeographicalAreaUpdateRequest">
  <wsdl:part name="params" element="geographicalAreaUpdate:GeographicalAreaUpdate"/>
</wsdl:message>
<wsdl:message name="GeographicalAreaUpdateResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:portType name="idePortType">
  <wsdl:operation name="ShipPositionReport">
    <wsdl:input message="tns:ShipPositionReportRequest"/>
    <wsdl:output message="tns:ShipPositionReportResponse"/>
  </wsdl:operation>
  <wsdl:operation name="ShipPositionRequest">
    <wsdl:input message="tns:ShipPositionRequestRequest"/>
    <wsdl:output message="tns:ShipPositionRequestResponse"/>
  </wsdl:operation>
  <wsdl:operation name="SURPICRequest">
    <wsdl:input message="tns:SURPICRequestRequest"/>
    <wsdl:output message="tns:SURPICRequestResponse"/>
  </wsdl:operation>
  <wsdl:operation name="Receipt">
    <wsdl:input message="tns:ReceiptRequest"/>
    <wsdl:output message="tns:ReceiptResponse"/>
  </wsdl:operation>
  <wsdl:operation name="SystemStatus">
    <wsdl:input message="tns:SystemStatusRequest"/>
    <wsdl:output message="tns:SystemStatusResponse"/>
  </wsdl:operation>
  <wsdl:operation name="JournalReport">
```

```
        <wsdl:input message="tns:JournalReportRequest"/>
        <wsdl:output message="tns:JournalReportResponse"/>
    </wsdl:operation>
    <wsdl:operation name="GeographicalAreaUpdate">
        <wsdl:input message="tns:GeographicalAreaUpdateRequest"/>
        <wsdl:output message="tns:GeographicalAreaUpdateResponse"/>
    </wsdl:operation>
</wsdl:portType>

<wsdl:binding name="ideServiceBinding" type="tns:idePortType">
    <soap12:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
    <wsdl:operation name="ShipPositionReport">
        <soap12:operation soapAction=""/>
        <wsdl:input>
            <soap12:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal"/>
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="ShipPositionRequest">
        <soap12:operation soapAction=""/>
        <wsdl:input>
            <soap12:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal"/>
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="SURPICRequest">
        <soap12:operation soapAction=""/>
        <wsdl:input>
            <soap12:body use="literal"/>
        </wsdl:input>
    </wsdl:operation>
</wsdl:binding>
</wsdl:service>
</wsdl:definitions>
```

```
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal"/>
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="Receipt">
        <soap12:operation soapAction=""/>
        <wsdl:input>
            <soap12:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal"/>
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="SystemStatus">
        <soap12:operation soapAction=""/>
        <wsdl:input>
            <soap12:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal"/>
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="JournalReport">
        <soap12:operation soapAction=""/>
        <wsdl:input>
            <soap12:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal"/>
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="GeographicalAreaUpdate">
```

```
        <soap12:operation soapAction=""/>
        <wsdl:input>
            <soap12:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal"/>
        </wsdl:output>
    </wsdl:operation>
</wsdl:binding>

<wsdl:service name="ideService">
    <wsdl:port name="idePort" binding="tns:ideServiceBinding">
        <soap12:address location="http://localhost:8080/ide"/>
    </wsdl:port>
</wsdl:service>

</wsdl:definitions>
```

IDE-DDP.wsdl-Datei

```
<!--
    File:           IDE-DDP.wsdl
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-->
<wsdl:definitions
    name="ide"
    targetNamespace="http://gisis.imo.org/XML/LRIT/2008"
    xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
    xmlns:tns="http://gisis.imo.org/XML/LRIT/2008"
    xmlns:receipt="http://gisis.imo.org/XML/LRIT/receipt/2008"
    xmlns:ddpNotification="http://gisis.imo.org/XML/LRIT/ddpNotification/2008"
    xmlns:ddpUpdate="http://gisis.imo.org/XML/LRIT/ddpUpdate/2008"
```



```
xmlns:systemStatus="http://gisis.imo.org/XML/LRIT/systemStatus/2008"  
xmlns:xs="http://www.w3.org/2001/XMLSchema"  
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/">
```

```
<wsdl:types>
```

```
  <xs:schema elementFormDefault="qualified" targetNamespace="http://gisis.imo.org/XML/LRIT/2008">  
    <xs:import namespace="http://gisis.imo.org/XML/LRIT/ddpNotification/2008" schemaLocation="DDPNotification.xsd"/>  
    <xs:import namespace="http://gisis.imo.org/XML/LRIT/ddpUpdate/2008" schemaLocation="DDPUpdate.xsd"/>  
    <xs:import namespace="http://gisis.imo.org/XML/LRIT/systemStatus/2008" schemaLocation="SystemStatus.xsd"/>  
    <xs:import namespace="http://gisis.imo.org/XML/LRIT/receipt/2008" schemaLocation="Receipt.xsd"/>  
  
    <xs:simpleType name="responseType">  
      <xs:restriction base="xs:string">  
        <xs:enumeration value="Success"/>  
      </xs:restriction>  
    </xs:simpleType>  
    <xs:element name="Response">  
      <xs:complexType>  
        <xs:sequence>  
          <xs:element name="response" type="tns:responseType"/>  
        </xs:sequence>  
      </xs:complexType>  
    </xs:element>  
  </xs:schema>
```

```
</wsdl:types>
```

```
<wsdl:message name="ReceiptRequest">  
  <wsdl:part name="params" element="receipt:Receipt"/>  
</wsdl:message>  
<wsdl:message name="ReceiptResponse">  
  <wsdl:part name="params" element="tns:Response"/>  
</wsdl:message>
```

```
<wsdl:message name="DDPNotificationRequest">
  <wsdl:part name="params" element="ddpNotification:DDPNotification"/>
</wsdl:message>
<wsdl:message name="DDPNotificationResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="DDPUpdateRequest">
  <wsdl:part name="params" element="ddpUpdate:DDPUpdate"/>
</wsdl:message>
<wsdl:message name="DDPUpdateResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:message name="SystemStatusRequest">
  <wsdl:part name="params" element="systemStatus:SystemStatus"/>
</wsdl:message>
<wsdl:message name="SystemStatusResponse">
  <wsdl:part name="params" element="tns:Response"/>
</wsdl:message>

<wsdl:portType name="ideDDPPortType">
  <wsdl:operation name="Receipt">
    <wsdl:input message="tns:ReceiptRequest"/>
    <wsdl:output message="tns:ReceiptResponse"/>
  </wsdl:operation>
  <wsdl:operation name="DDPNotification">
    <wsdl:input message="tns:DDPNotificationRequest"/>
    <wsdl:output message="tns:DDPNotificationResponse"/>
  </wsdl:operation>
  <wsdl:operation name="DDPUpdate">
    <wsdl:input message="tns:DDPUpdateRequest"/>
    <wsdl:output message="tns:DDPUpdateResponse"/>
  </wsdl:operation>
</wsdl:portType>
```

```

    </wsdl:operation>
    <wsdl:operation name="SystemStatus">
        <wsdl:input message="tns:SystemStatusRequest"/>
        <wsdl:output message="tns:SystemStatusResponse"/>
    </wsdl:operation>
</wsdl:portType>

<wsdl:binding name="ideDDPServiceBinding" type="tns:ideDDPPortType">
    <soap12:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
    <wsdl:operation name="Receipt">
        <soap12:operation soapAction=""/>
        <wsdl:input>
            <soap12:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal"/>
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="DDPNotification">
        <soap12:operation soapAction=""/>
        <wsdl:input>
            <soap12:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal"/>
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="DDPUpdate">
        <soap12:operation soapAction=""/>
        <wsdl:input>
            <soap12:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
    </wsdl:output>
    </wsdl:operation>

```

```
        <soap12:body use="literal"/>
    </wsdl:output>
</wsdl:operation>
<wsdl:operation name="SystemStatus">
    <soap12:operation soapAction=""/>
    <wsdl:input>
        <soap12:body use="literal"/>
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal"/>
    </wsdl:output>
</wsdl:operation>
</wsdl:binding>

<wsdl:service name="ideDDPService">
    <wsdl:port name="ideDDPPort" binding="tns:ideDDPServiceBinding">
        <soap12:address location="http://localhost:8080/ideDDP"/>
    </wsdl:port>
</wsdl:service>

</wsdl:definitions>
```
