**MMDIS – LRIT Web Services**

**Ship Position**

|  |  |  |
| --- | --- | --- |
| **Url** | http://lrit.com.my/ASPPositionWebServices/service.asmx | |
| **ServiceSoap** | GetPositions | |
| **HTTP Method** | POST | |
| **Request Body** | <Envelope xmlns="http://schemas.xmlsoap.org/soap/envelope/">  <Body>  <GetPositions xmlns="http://tempuri.org/">  <from>2018-07-22</from>  <to>2018-07-23</to>  </GetPositions>  </Body>  </Envelope> | |
| **Format date** | yyyy-mm-dd | |
| **Response** | <?xml version="1.0" encoding="utf-8"?>  <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">  <soap:Body>  <GetPositionsResponse xmlns="http://tempuri.org/">  <GetPositionsResult>  <ShipPosition>  <IMONumber>7396692</IMONumber>  <ShipName>SAPURAKENCANA SAMUDRA</ShipName>  <TerminalDateTime>2018-07-22T03:58:23</TerminalDateTime>  <Latitude>1.285833</Latitude>  <Longitude>103.668667</Longitude>  <WeatherInfo>Max Temp C:30|Min Temp C:28|Cloud Cover:16|Humidity:77|Precipitation MM:0|Pressure:1011|Swell Dir:190|Swell Height M:0.3|Swell Period Secs:0.7|Temp C:30|Visibility:10|Water Temp C:29|Condition:Clear/Sunny|Wind Dir 16 Point:SSE|Wind Dir Degree:165|Wind Speed Miles:14</WeatherInfo>  </ShipPosition>  … | |
| **Data Mapping** | **LRIT data** | **MMDIS data** |
|  |  |
| IMONumber |  |
| ShipName |  |
| TerminalDateTime |  |
| Latitude |  |
| Longitude |  |
| WeatherInfo | - |

**Ship Info**

|  |  |  |
| --- | --- | --- |
| **Url** | http://lrit.com.my/ASPPositionWebServices/service.asmx | |
| **ServiceSoap** | GetShipInfo | |
| **HTTP Method** | POST | |
| **Request Body** | <Envelope xmlns="http://schemas.xmlsoap.org/soap/envelope/">  <Body>  <GetShipInfo xmlns="http://tempuri.org/">  <IMONumber>7396692</IMONumber>  </GetShipInfo>  </Body>  </Envelope> | |
| **Format** |  | |
| **Response** | <?xml version="1.0" encoding="utf-8"?>  <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">  <soap:Body>  <GetShipInfoResponse xmlns="http://tempuri.org/">  <GetShipInfoResult>  <IMONumber>7396692</IMONumber>  <Name>SAPURAKENCANA SAMUDRA</Name>  <PortOfRegistry>PORT KELANG</PortOfRegistry>  <CallSign>9MBD4</CallSign>  <MMSI>533528000</MMSI>  <SerialNumber>GY64173</SerialNumber>  <GrossTonnage>1061</GrossTonnage>  <SeaAreas>A1+A2+A3</SeaAreas>  <LastRadioSurvey>2018-03-05T00:00:00</LastRadioSurvey>  <TerminalManufacturer>JRC</TerminalManufacturer>  <TerminalModel>JUE-75C</TerminalModel>  <ShipborneEquipmentId>453300737</ShipborneEquipmentId>  <Status>Active</Status>  <RegistrationDate>2018-03-05T03:24:37.72</RegistrationDate>  <MSC>MSCUnKnown</MSC>  <Terminal>C\_MiniC</Terminal>  <Type>Other</Type>  </GetShipInfoResult>  </GetShipInfoResponse>  </soap:Body>  </soap:Envelope> | |
| **Data Mapping** | **LRIT data** | **MMDIS data** |
| IMONumber |  |
| Name |  |
| PortOfRegistry |  |
| CallSign |  |
| MMSI |  |
| SerialNumber |  |
| GrossTonnage |  |
| SeaAreas |  |
| LastRadioSurvey |  |
| TerminalManufacturer |  |
| TerminalModel |  |
| ShipborneEquipmentId |  |
| Status |  |
| RegistrationDate |  |
| MSC |  |
| Terminal |  |
| Type |  |

**Ship Info Update**

|  |  |
| --- | --- |
| **Url** | http://lrit.com.my/ASPPositionWebServices/service.asmx |
| **ServiceSoap** | RequestShipInfoUpdate |
| **HTTP Method** | POST |
| **Request Body** | <Envelope xmlns="http://schemas.xmlsoap.org/soap/envelope/">  <Body>  <RequestShipInfoUpdate xmlns="http://tempuri.org/">  <IMONumber>9804473</IMONumber>  <!-- Optional -->  <updateInfo>  <Name>PELICAN CALM</Name>  <PortOfRegistry>MALAYSIA</PortOfRegistry>  <CallSign>9MVV3</CallSign>  <MMSI>533130522</MMSI>  <SerialNumber>3598-3448</SerialNumber>  <GrossTonnage>329</GrossTonnage>  <SeaAreas>A1+A2+A3</SeaAreas>  <LastRadioSurvey>2017-12-27</LastRadioSurvey>  <NameUpdate>true</NameUpdate>  <PortOfRegistryUpdate>true</PortOfRegistryUpdate>  <CallSignUpdate>true</CallSignUpdate>  <MMSIUpdate>true</MMSIUpdate>  <SerialNumberUpdate>true</SerialNumberUpdate>  <GrossTonnageUpdate>true</GrossTonnageUpdate>  <SeaAreasUpdate>true</SeaAreasUpdate>  <LastRadioSurveyUpdate>true</LastRadioSurveyUpdate>  </updateInfo>  </RequestShipInfoUpdate>  </Body>  </Envelope> |
| **Format** |  |
| **Response** | <?xml version="1.0" encoding="utf-8"?>  <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">  <soap:Body>  <RequestShipInfoUpdateResponse xmlns="http://tempuri.org/">  <RequestShipInfoUpdateResult>  <Message>Ship info is updated.</Message>  <IsSuccess>true</IsSuccess>  </RequestShipInfoUpdateResult>  </RequestShipInfoUpdateResponse>  </soap:Body>  </soap:Envelope> |

**Ship Deregistration**

|  |  |
| --- | --- |
| **Url** | http://lrit.com.my/ASPPositionWebServices/service.asmx |
| **ServiceSoap** | RequestDeregistration |
| **HTTP Method** | POST |
| **Request Body** | <Envelope xmlns="http://schemas.xmlsoap.org/soap/envelope/">  <Body>  <RequestDeregistration xmlns="http://tempuri.org/">  <IMONumber>8111790</IMONumber>  </RequestDeregistration>  </Body>  </Envelope> |
| **Format** |  |
| **Response** | <?xml version="1.0" encoding="utf-8"?>  <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">  <soap:Body>  <RequestDeregistrationResponse xmlns="http://tempuri.org/">  <RequestDeregistrationResult>  <Message>Success</Message>  <IsSuccess>true</IsSuccess>  </RequestDeregistrationResult>  </RequestDeregistrationResponse>  </soap:Body>  </soap:Envelope> |