



# **WebAPI Integrator Release Note**

**Version 1.1**

September 2022



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## Document Control

Doc Version	Date	Change
1.0	05/07/2022	Initial release
1.1	08/07/2022	Updated to meet OCIMF brand guidelines

## Summary

This release contains a collection of changes to accommodate updates to the inspection booking process undertaken to support SIRE2.0 inspections.

### SIRE2.0 Resource Model Changes

This release contains a collection of non-breaking changes to the SIRE 2.0 Integrator WebAPI Model URL: <https://stagingvip-webapi.ocimf.biz/guide/index>

#### Variant Model

The SIRE 2.0 Resource Model now includes handling of available vessel variants to be used when booking an inspection

API method: /api/SireLookupData/Variants

**SireVariants** Show/Hide | List Operations

GET /api/SireLookupData/Variants

Response Class (Status 200)  
OK

Model | Example Value

```

VariantModel {
  variants (Array[PublicVariantDto], optional)
}
PublicVariantDto {
  id (string, optional): (UUID),
  name (string, optional)
}
    
```

**SireVariants** Show/Hide | List Operations

GET /api/SireLookupData/Variants

Response Class (Status 200)  
OK

Model | Example Value

```

{
  "variants": [
    {
      "id": "00000000-0000-0000-0000-000000000000",
      "name": "string"
    }
  ]
}
    
```

The model elements “VariantModel” & “PublicVariantDto” have been added

Release Model	Existing Model
<pre> 1964 } 1965 } 1966 } 1967 "VariantModel": { 1968   "type": "Object", 1969   "properties": { 1970     "variants": { 1971       "type": "array", 1972       "items": { 1973         "type": "#/definitions/PublicVariantDto" 1974       } 1975     } 1976   } 1977 }, 1978 "PublicVariantDto": { 1979   "type": "Object", 1980   "properties": { 1981     "id": { 1982       "format": "uuid", 1983       "description": "(UUID)", 1984       "type": "string", 1985       "example": "00000000-0000-0000-0000-000000000000" 1986     }, 1987     "name": { 1988       "type": "string" 1989     } 1990   }     </pre>	<pre> 1965 } 1966 } 1967 } 1968 } 1969 } 1970 } 1971 } 1972 } 1973 } 1974 } 1975 } 1976 } 1977 } 1978 } 1979 } 1980 } 1981 } 1982 } 1983 } 1984 } 1985 } 1986 } 1987 } 1988 } 1989 } 1990 }     </pre>

The Variant values will need to be retrieve using these methods to complete an inspection booking request.

## SIRE Model Changes

This release contains a collection of changes to the SIRE Integrator SOAP Model

The SOAP Services are the services reached via the endpoint

<https://api.ocimf.org/ocimfservices.asmx>

### [UPDATED] SIRE.AcceptInspectionRequest

Updates have been made to this method to capture additional information required for accepting an Inspection Request as a VIQ7 inspection rather than a SIRE2.0 inspection.

#### Request Updates

Prior to this update (**v1.1**) a request to this method would be in the following format.

```
<Request id="1" remoteInspection="0" inspectorId="1234"/>
```

Node	Attribute	Description
Request	@id	[Mandatory] The ID of the inspection request (returned by SIRE.GetAvailableInspectionRequests)
Request	@remoteInspection	[Optional] Should the accepted request result in a remote inspection booking? 0 - Booking is created as a physical inspection 1 - Booking is created as a remote inspection
Request	@inspectorId	[Optional] The Inspectors ID number (e.g. 1234) if known.

Following this update (**v2.0**), a request to this method should be in the following format.

```
<Request id="1" remoteInspection="0" inspectorId="1234"
templateCode="4401" reasonForViq="999" otherReason="Test Reason"/>
```

Node	Attribute	Description
Request	@id	[Mandatory] The ID of the inspection request (returned by SIRE.GetAvailableInspectionRequests)
Request	@remoteInspection	[Optional] Should the accepted request result in a remote inspection booking? 0 - Booking is created as a physical inspection 1 - Booking is created as a remote inspection
Request	@inspectorId	[Optional] The Inspectors ID number (e.g. 1234) if known.
Request	@templateCode	[Mandatory] If a CAT1 Inspection has been requested, otherwise [Optional]
Request	@reasonForViq	[Mandatory] if a CAT1 Inspection has been requested, otherwise [Optional]. List of reasons obtained from SIRE.GetReasonsForViq7

Request	@otherReason	[Mandatory] if 'Other' has been selected for @reasonForViq. Otherwise [Ignored].
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## Response Updates

No changes have been made to the response. Full documentation is available on <https://docs.ocimf.org/>

## [NEW] SIRE.AcceptSire2InspectionRequest

A new method has been added for submitting companies to accept an inspection request as a SIRE 2.0 inspection.

### Request

The request should be formatted as follows.

```
<Request id="658" inspectionDate="2022/06/30 00:00:00"
countryIso="GB" cargo="2" variants="9C4D7B45-425F-4F75-9BC8-
90A5759C7BE3, ACC1CB1D-7AE8-4FC1-9213-5A28467B82E8"
inspectorId="1001" complianceResultId="03A2FE83-F9EB-4A29-9A4A-
6C8429B2FED3" complianceAcceptReason="1" />
```

Node	Attribute	Description
Request	@id	[Mandatory] The ID of the inspection request (returned by SIRE.GetAvailableInspectionRequests)
Request	@inspectionDate	[Mandatory] The desired date of the inspection
Request	@countryIso	[Mandatory] This ISO code for the country of inspection
Request	@cargo	[Mandatory] The cargo used for the inspection (returned by SIRE.GetCargoTypes)
Request	@variants	[Optional] A comma separated list of variants to be used in the inspection.
Request	@inspectorId	[Optional] The ID number of the Inspection chosen for the inspection. If omitted at time of accepting the request, the details must be provided before the @inspectionDate
Request	@complianceResultId	[Mandatory] if the @inspectorId is supplied or [Ignored]. The identifier of the compliance results obtained via SIRE.GetComplianceResults
Request	@complianceAcceptReason	[Mandatory] if the compliance results used in @complianceResultId had any rule failures, otherwise [Ignored] (list obtained via SIRE.GetComplianceAcceptReasons)

### Response

Details of the inspection commissioned will be returned.

```
<Inspection Id="87061a4a-0532-46ae-aa8e-00955d5414e8"
Status="Created" Submitter="SHELL INTERNATIONAL SHIPPING"
```

```

InspectionDate="24/06/2022 00:00:00" CountryIso="GB"
CountryName="United Kingdom" CreatedBy="Mr Test Submitter"
CreatedOn="22/06/2022 10:45:30"><Vessel Name="Test Vessel"
Imo="8754671" OcimfId="A-100-114-371" Operator="South Sea Shipping"
/><Inspector FirstName="Test" LastName="Inspector" Id="5214"
Email="testinspector@inspectors.com" /></Inspection>

```

Node	Attribute	Description
Inspection	@id	The ID of the inspection created
Inspection	@status	The status of the inspection (would always be Created at this point)
Inspection	@submitter	The name of the submitting company accepting the inspection request
Inspection	@inspectionDate	The planned inspection date
Inspection	@countryIso	The ISO code of the inspection country
Inspection	@countryName	The name of the inspection country
Inspection	@createdBy	The name of the user accepting the inspection request
Inspection	@createdOn	The date and time the inspection was commissioned
Vessel	@name	The name of the vessel
Vessel	@imo	The IMO number of the vessel
Vessel	@ocimfld	The OCIMF ID of the vessel
Vessel	@operator	The name of the vessels operator
Inspector	@firstName	The first name of the inspector (blank if no inspector was chosen)
Inspector	@lastName	The last name of the inspector (blank if no inspector was chosen)
Inspector	@id	The ID number of the inspector
Inspector	@email	The email address of the inspector (blank if no inspector was chosen)

## [NEW] SIRE.GetCargoTypes

A new method has been added to return a list of accepted Cargo types to be used when accepting an inspection request as a SIRE2.0 inspection.

### Request

An empty request node should be supplied.

```
<Request />
```

### Response

A list of cargo types is returned.

```

<CargoTypes>
  <CargoType name="Chemical" value="1"/>
  <CargoType name="Petroleum" value="2"/>
  <CargoType name="LPG" value="3"/>
  <CargoType name="LNG" value="4"/>
</CargoTypes>

```

Node	Attribute	Description
CargoType	@name	The textual name of the cargo type
CargoType	@value	The identifier of the cargo type

## [NEW] SIRE.GetComplianceAcceptReasons

A new method has been added to return a list of acceptable reasons for accepting an inspection request as a SIRE2.0 inspection if there have been any compliance rule warnings.

### Request

An empty request node should be supplied.

```
<Request />
```

### Response

A list of reasons is returned.

```
<ComplianceAcceptReasons>
  <ComplianceAcceptReason name="Vessel in geographically
restricted trade" value="1"/>
  <ComplianceAcceptReason name="No other Inspector available"
value="2"/>
  <ComplianceAcceptReason name="Selected Inspector based on Home
Port Location" value="3"/>
  <ComplianceAcceptReason name="Inspector is a Submitting Company
employee" value="4"/>
  <ComplianceAcceptReason name="Our trusted Inspector aboard our
Time Charter" value="5"/>
</ComplianceAcceptReasons>
```

Node	Attribute	Description
ComplianceAcceptReason	@name	The textual name of the reason
ComplianceAcceptReason	@value	The identifier of the reason

## [NEW] SIRE.GetComplianceResult

A new method has been added to run the SIRE 2.0 compliance rules against a given inspection request, inspector, and cargo type. This must be done prior to accepting an inspection request as a SIRE 2.0 inspection.

### Request

A sample request is as follows.

```
<Request requestId="663" inspectorId="1001" cargoType="2" />
```

Node	Attribute	Description
Request	@requestId	[Mandatory] The ID of the inspection request (returned by SIRE.GetAvailableInspectionRequests)
Request	@inspectorId	[Mandatory] The ID number of the requested Inspector
Request	@cargoType	[Mandatory] The type of cargo desired for the inspection (List obtained via SIRE.GetCargoTypes)

### Response

A list of the rules run against the Inspector is returned along with the results (reduced sample below).

```
<InspectorComplianceResult resultId="031ccdd3-d842-4761-8dbd-
c135dba73128" inspectionRequestId="672"
```

```

redSeverityRuleViolationCount="0" ruleViolationCount="5">
  <RuleResult ruleKey="58aa942d-6a0f-4dbb-a906-6a6026bcddfb"
ruleVersion="1" ruleDescription="Inspector is not accredited for the
type of vessel to be inspected" ruleSeverityValue="0"
ruleSeverityDescription="Red" ruleResult="True"
ruleStatusMessage="Inspector is qualified"/>
</InspectorComplianceResult>

```

Node	Attribute	Description
InspectorComplianceResult	@resultId	The identifier for this set of results. This value is required when accepting an inspection request as a SIRE 2.0 inspection via SIRE.AcceptSire2InspectionRequest
InspectorComplianceResult	@inspectionRequestId	The identifier of the inspection request
InspectorComplianceResult	@redSeverityRuleViolationCount	The number of 'red' rules which failed
InspectorComplianceResult	@ruleViolationCount	The overall number of failed rules
RuleResult	@ruleKey	The identifier of the rule ran
RuleResult	@ruleVersion	The version of the rule ran
RuleResult	@ruleDescription	The description of the rule ran
RuleResult	@ruleResult	True - The rule passed successfully False - The rule failed
RuleResult	@ruleStatusMessage	A brief message explaining why the rule passed or failed

## [NEW] SIRE.GetInspectionRequestStatus

A new method has been added for integrators to obtain the status of their inspection requests

### Request

The request should be submitted in the following format.

```
<Request requestIds="667,669,663,656,665,664,553,527" />
```

Node	Attribute	Description
Request	@requestIds	[Mandatory] A comma separated list of inspection request IDs to check

### Response

A list of inspection request and their status is returned.

```

<InspectionRequestStatus>
  <Request id="527" statusValue="2" statusText="Rejected"
publishedToOrgDate="07/01/2022 12:02:34" lastUpdatedOn="07/01/2022
12:07:47" wasAutoDeclined="False" />
</InspectionRequestStatus>

```

Node	Attribute	Description
Request	@id	The inspection request identifier
Request	@statusValue	The status of the request. 0 - Pending



		1 – Approved (Accepted) 2 – Rejected
Request	@statusText	The status in textual format
Request	@publishedToOrgDate	The date the submitting company received the inspection request
Request	@lastUpdatedOn	The date the submitting companies request was updated
Request	@wasAutoDeclined	True if the submitting company left the request to automatically expire

## [NEW] SIRE.GetReasonsForViq7

A new method has been added to return a list of acceptable reasons for choosing to accept an inspection request as a VIQ7 inspection, rather than a SIRE 2.0 inspection.

### Request

An empty request node should be supplied.

```
<Request />
```

### Response

A list of reasons is returned.

```
<ReasonsForViq7>
  <ReasonForViq7 name="SIRE 2.0 Inspector availability"
value="1"/>
  <ReasonForViq7 name="Physical inspection not possible at port"
value="2"/>
  <ReasonForViq7 name="Other" value="999"/>
</ReasonsForViq7>
```

Node	Attribute	Description
ReasonForViq7	@name	The textual name of the reason
ReasonForViq7	@value	The identifier of the reason

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