ABS Place Order API

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Overview

This is a comprehensive set of web services for
- up-to-date vessel status information by customers.
- place order, edit order and cancel order for vessel

Version information

Version : v3

URI scheme

Host : api.eagle.org
BasePath : /customer/fleet-status/v3
Schemes : HTTPS

Prerequisites

Customers should have userid and password provided by ABS to consume ABS Vessel API. Process to get userid and password is outside the scope of this document.

Authentication

ABS Vessel API uses access token to authenticate client requests. Clients need to send the access token obtained from authentication end point in all API requests using Authorization header.
Client applications need following attributes to use API
- Ocp-Apim-Subscription-Key
- clientid
- username
- password

Details on using the attributes can be found in Authentication and Paths section.

Get Access Token

```
POST
https://absauthprod.b2clogin.com/ABSAuthprod.onmicrosoft.com/B2C_1A_signup_signin_ROPC
/oauth2/v2.0/token
```

Description

Use this end point to get the access token. Access token willl be be used as Authorization header in all ABS Vessel API calls.

Parameters

Body parameters are sent as url encoded form parameters.

Type	Name	Description	Schema
Body	**username** *required*	user name	string
Body	**password** *required*	password	string
Body	**grant_type** *required*	password	string
Body	**clientid** *required*	client id obtained from ABS	string
Body	**scope** *required*	openid <clientid>	string

Responses

HTTP Code	Description	Output

200	Valid Access token	{
		"access_token": "<access_token>",
		"token_type": "Bearer",
		"expires_in": "3600"
		}

Sample Request

```
curl --location --request POST
'https://absauthprod.b2clogin.com/ABSAuthprod.onmicrosoft.com/B2C_1A_signup_signin_ROP
C/oauth2/v2.0/token' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'username=<userid>' \
--data-urlencode 'password=<password>' \
--data-urlencode 'grant_type=password' \
--data-urlencode 'client_id=<clientId>' \
--data-urlencode 'response_type=token' \
--data-urlencode 'scope=openid <clientId>'
```

Paths

Place a new order using class number

```
POST /vessel/{classnum}/orders
```

Description

Places a new order (survey request)

Parameters

Type	Name	Description	Schema
Path	**classnum** *required*	Vessel Class Number.	string
Body	**orderRequest** *optional*		OrderRequest

Responses

HTTP Code	Description	Schema
201	order created	Response 201
400	Bad request	ValidationError
404	Not found	ValidationError

Response 201

Name	Description	Schema
requestId *optional*	Request Id. **Maximal length** : 50	string
warnings *optional*		< ValidationMessage > array

Consumes

- `application/json`

Produces

- application/json

Example HTTP request

Request body

```json
{
  "classNumber" : "1232",
  "imoNumber" : "123213",
  "customerNumber" : "1232",
  "attendanceType" : "Physical Attendance",
  "workType" : "Surveys After Construction",
  "scheduledStart" : "2021-09-14T07:50:18+00:00",
  "scheduledFinish" : "2021-09-14T07:50:18+00:00",
  "poNumber" : "870ATP/MG01/A3237",
  "locationCode" : "USHOU",
  "requestDate" : "2021-09-14T07:50:18+00:00",
  "surveys" : [ {
    "uid" : "string",
    "surveyType" : "Retesting Survey - Cargo Gear",
    "occasional" : true,
    "extensionRequested" : true,
    "declineReason" : "string",
    "parts" : [ {
      "uid" : "string"
    } ]
  } ],
  "findings" : [ {
    "uid" : "string",
    "declineReason" : "string"
  } ],
  "comments" : "string",
  "localContact" : {
    "name" : "Jane Doe",
    "company" : "Some Company",
    "email" : "janeD@company.com",
    "phone" : "1234456712"
  },
  "additionalNotifications" : [ {
    "notificationType" : "Surveyor/Auditor Assignment",
    "emailIds" : "abc@example.com, def@example.com"
  } ]
}
```

Example HTTP response

Response 201

```
{
  "requestId" : "string",
  "warnings" : [ {
    "parts" : "Parts can be selected for Special Survey in Continuous mode only."
  } ]
}
```

Response 400

```
{
  "code" : 0,
  "message" : {
    "errors" : [ {
      "parts" : "Parts can be selected for Special Survey in Continuous mode only."
    } ]
  }
}
```

Response 404

```
{
  "code" : 0,
  "message" : {
    "errors" : [ {
      "parts" : "Parts can be selected for Special Survey in Continuous mode only."
    } ]
  }
}
```

Place a new order using imo number

```
POST /vessel/imonum/{imonum}/orders
```

Description

Places a new order (survey request) by imonum

Parameters

Type	Name	Description	Schema
Path	**imonum** *required*	IMO Number.	string
Body	**orderRequest** *optional*		OrderRequest

Responses

HTTP Code	Description	Schema
201	order created	Response 201
400	Bad request	Error
404	Not found	Error

Response 201

Name	Description	Schema
requestId *optional*	Request Id. **Maximal length** : 50	string

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request body

```json
{
  "className" : "1234567",
  "imoNumber" : "1234567",
  "customerNumber" : "151609",
  "attendanceType" : "Physical Attendance",
  "workType" : "Surveys After Construction",
  "scheduledStart" : "2021-09-14T07:50:18+00:00",
  "scheduledFinish" : "2021-09-14T07:50:18+00:00",
  "poNumber" : "123/456",
  "locationCode" : "USHOU",
  "requestDate" : "2021-09-14T07:50:18+00:00",
  "surveys" : [ {
    "uid" : "string",
    "surveyType" : "Retesting Survey - Cargo Gear",
    "occasional" : true,
    "extensionRequested" : true,
    "declineReason" : "string",
    "parts" : [ {
      "uid" : "string"
    } ]
  } ],
  "findings" : [ {
    "uid" : "string",
    "declineReason" : "string"
  } ],
  "comments" : "string",
  "localContact" : {
    "name" : "Jane Doe",
    "company" : "Some Company",
    "email" : "janeD@company.com",
    "phone" : "1234456712"
  },
  "additionalNotifications" : [ {
    "notificationType" : "Surveyor/Auditor Assignment",
    "emailIds" : "abc@example.com, def@example.com"
  } ]
}
```

Example HTTP response

Response 201

```json
{
  "requestId" : "string"
}
```

Response 400

```
{
  "code" : 0,
  "message" : "string"
}
```

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

Retrieve orders using class number

```
GET /vessel/{classnum}/orders
```

Description

Retrieves all the orders (survey requests) placed for the vessel(s)

Parameters

Type	Name	Description	Schema
Path	**classnum** *required*	Vessel Class Number.	string

Responses

HTTP Code	Description	Schema
200	Orders response	Orders
404	Not found	Error

Produces

- application/json

Example HTTP response

Response 200

```
{
  "orders" : [ {
    "requestId" : "string",
    "reportNumber" : "string",
    "requestDate" : "string",
    "firstVisitDate" : "string",
    "lastVisitDate" : "string",
    "requestType" : "Surveys After Construction",
    "attendanceType" : "Physical Attendance",
    "locationCode" : "USHOU",
    "portOffice" : "Houston Port",
    "status" : "Order Placed"
  } ]
}
```

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

Retrieve orders using imo number

```
GET /vessel/imonum/{imonum}/orders
```

Description

Retrieves all the orders (survey requests) placed for the vessel(s)

Parameters

Type	Name	Description	Schema
Path	**imonum** *required*	IMO Number.	string

Responses

HTTP Code	Description	Schema
200	Orders response	Orders
404	Not found	Error

Produces

- `application/json`

Example HTTP response

Response 200

```
{
  "orders" : [ {
    "requestId" : "string",
    "reportNumber" : "string",
    "requestDate" : "string",
    "firstVisitDate" : "string",
    "lastVisitDate" : "string",
    "requestType" : "Surveys After Construction",
    "attendanceType" : "Physical Attendance",
    "locationCode" : "USHOU",
    "portOffice" : "Houston Port",
    "status" : "Order Placed"
  } ]
}
```

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

Retrieve order details using class number

```
GET /vessel/{classnum}/orders/{orderid}
```

Description

Retrieves all the orders (survey requests) placed for the vessel(s)

Parameters

Type	Name	Description	Schema
Path	**classnum** *required*	Vessel Class Number.	string
Path	**orderid** *required*	Order Id.	string

Responses

HTTP Code	Description	Schema
200	Orders response	Response 200
404	Not found	Error

Response 200

Name	Schema
orderDetails *optional*	OrderDetails

Produces

- `application/json`

Example HTTP response

Response 200

```
{
  "orderDetails" : {
    "requestId" : "string",
    "reportNumber" : "string",
    "requestDate" : "string",
    "firstVisitDate" : "string",
    "lastVisitDate" : "string",
    "requestType" : "Surveys After Construction",
    "attendanceType" : "Physical Attendance",
    "locationCode" : "USHOU",
    "portOffice" : "Houston Port",
    "status" : "Order Placed",
    "surveys" : [ {
```

```
      "uid" : "string",
      "type" : "string",
      "occasional" : "string",
      "description" : "string",
      "status" : "string",
      "dueDate" : "string",
      "rangeFromDate" : "string",
      "rangeToDate" : "string",
      "extenedDueDate" : "string",
      "serviceType" : "string",
      "parts" : [ {
        "uid" : "string",
        "parentUid" : "string",
        "type" : "string",
        "name" : "string",
        "inspectionType" : "string",
        "absProgram" : "string",
        "status" : "string",
        "dueDate" : "string",
        "doneDate" : "string",
        "extenedDueDate" : "string",
        "itemType" : "string"
      } ],
      "attachments" : [ {
        "name" : "string",
        "description" : "string",
        "type" : "Pictures, Others, Survey Status Report, Deliverable Report etc",
        "uploadedOn" : "2021-05-18T09:32:28+00:00"
      } ]
    } ],
    "findings" : [ {
      "uid" : "string",
      "findingNumber" : "string",
      "description" : "string",
      "status" : "string",
      "criticality" : "string",
      "dueDate" : "string",
      "findingType" : "string",
      "partUid" : "string",
      "partName" : "string",
      "attachments" : [ {
        "name" : "string",
        "description" : "string",
        "type" : "Pictures, Others, Survey Status Report, Deliverable Report etc",
        "uploadedOn" : "2021-05-18T09:32:28+00:00"
      } ]
    } ],
    "comments" : "string",
    "localContact" : {
      "name" : "Jane Doe",
      "company" : "Some Company",
```

```
      "email" : "janeD@company.com",
      "phone" : "1234456712"
    },
    "additionalNotifications" : [ {
      "notificationType" : "Surveyor/Auditor Assignment",
      "emailIds" : "abc@example.com, def@example.com"
    } ],
    "attachments" : [ {
      "name" : "string",
      "description" : "string",
      "type" : "Pictures, Others, Survey Status Report, Deliverable Report etc",
      "uploadedOn" : "2021-05-18T09:32:28+00:00"
    } ]
  }
}
```

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

Retrieve order details using imo number

```
GET /vessel/imonum/{imonum}/orders/{orderid}
```

Description

Retrieves all the orders (survey requests) placed for the vessel(s)

Parameters

Type	Name	Description	Schema
Path	**imonum** *required*	IMO Number.	string
Path	**orderid** *required*	Order Id.	string

Responses

HTTP Code	Description	Schema
200	Orders response	Response 200
404	Not found	Error

Response 200

Name	Schema
orderDetails *optional*	OrderDetails

Produces

- `application/json`

Example HTTP response

Response 200

```
{
  "orderDetails" : {
    "requestId" : "string",
    "reportNumber" : "string",
    "requestDate" : "string",
    "firstVisitDate" : "string",
    "lastVisitDate" : "string",
    "requestType" : "Surveys After Construction",
    "attendanceType" : "Physical Attendance",
    "locationCode" : "USHOU",
    "portOffice" : "Houston Port",
    "status" : "Order Placed",
    "surveys" : [ {
      "uid" : "string",
      "type" : "string",
      "occasional" : "string",
      "description" : "string",
      "status" : "string",
      "dueDate" : "string",
      "rangeFromDate" : "string",
      "rangeToDate" : "string",
      "extenedDueDate" : "string",
      "serviceType" : "string",
      "parts" : [ {
        "uid" : "string",
        "parentUid" : "string",
```

```json
        "type" : "string",
        "name" : "string",
        "inspectionType" : "string",
        "absProgram" : "string",
        "status" : "string",
        "dueDate" : "string",
        "doneDate" : "string",
        "extenedDueDate" : "string",
        "itemType" : "string"
      } ],
      "attachments" : [ {
        "name" : "string",
        "description" : "string",
        "type" : "Pictures, Others, Survey Status Report, Deliverable Report etc",
        "uploadedOn" : "2021-05-18T09:32:28+00:00"
      } ]
    } ],
    "findings" : [ {
      "uid" : "string",
      "findingNumber" : "string",
      "description" : "string",
      "status" : "string",
      "criticality" : "string",
      "dueDate" : "string",
      "findingType" : "string",
      "partUid" : "string",
      "partName" : "string",
      "attachments" : [ {
        "name" : "string",
        "description" : "string",
        "type" : "Pictures, Others, Survey Status Report, Deliverable Report etc",
        "uploadedOn" : "2021-05-18T09:32:28+00:00"
      } ]
    } ],
    "comments" : "string",
    "localContact" : {
      "name" : "Jane Doe",
      "company" : "Some Company",
      "email" : "janeD@company.com",
      "phone" : "1234456712"
    },
    "additionalNotifications" : [ {
      "notificationType" : "Surveyor/Auditor Assignment",
      "emailIds" : "abc@example.com, def@example.com"
    } ],
    "attachments" : [ {
      "name" : "string",
      "description" : "string",
      "type" : "Pictures, Others, Survey Status Report, Deliverable Report etc",
      "uploadedOn" : "2021-05-18T09:32:28+00:00"
    } ]
```

```
    }
  }
```

```
{
  "code" : 0,
  "message" : "string"
}
```

update order using class number

```
PUT /vessel/{classnum}/orders/{orderid}
```

Description

Update order to add more attachments

Parameters

Type	Name	Description	Schema
Path	**classnum** *required*	Vessel Class Number.	string
Path	**orderid** *required*	order number.	string
Body	**orderRequest** *optional*		OrderRequest

Responses

HTTP Code	Description	Schema
200	Orders response	No Content
404	Not found	Error

Consumes

- application/json

Produces

- `application/json`

Example HTTP request

Request body

```json
{
  "classNumber" : "09182047",
  "imoNumber" : "952798",
  "customerNumber" : "151609",
  "attendanceType" : "Physical Attendance",
  "workType" : "Surveys After Construction",
  "scheduledStart" : "2021-09-14T07:50:18+00:00",
  "scheduledFinish" : "2021-09-14T07:50:18+00:00",
  "poNumber" : "870ATP/MG01/A3237",
  "locationCode" : "USHOU",
  "requestDate" : "2021-09-14T07:50:18+00:00",
  "surveys" : [ {
    "uid" : "string",
    "surveyType" : "Retesting Survey - Cargo Gear",
    "occasional" : true,
    "extensionRequested" : true,
    "declineReason" : "string",
    "parts" : [ {
      "uid" : "string"
    } ]
  } ],
  "findings" : [ {
    "uid" : "string",
    "declineReason" : "string"
  } ],
  "comments" : "string",
  "localContact" : {
    "name" : "Jane Doe",
    "company" : "Some Company",
    "email" : "janeD@company.com",
    "phone" : "1234456712"
  },
  "additionalNotifications" : [ {
    "notificationType" : "Surveyor/Auditor Assignment",
    "emailIds" : "abc@example.com, def@example.com"
  } ]
}
```

Example HTTP response

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

update order using imo number

```
PUT /vessel/imonum/{imonum}/orders/{orderid}
```

Description

Update order to add more attachments

Parameters

Type	Name	Description	Schema
Path	**imonum** *required*	IMO Number.	string
Path	**orderid** *required*	order number.	string
Body	**orderRequest** *optional*		OrderRequest

Responses

HTTP Code	Description	Schema
200	Orders response	No Content
404	Not found	Error

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request body

```json
{
  "classNumber" : "1234567",
  "imoNumber" : "1234567",
  "customerNumber" : "12345",
  "attendanceType" : "Physical Attendance",
  "workType" : "Surveys After Construction",
  "scheduledStart" : "2021-09-14T07:50:18+00:00",
  "scheduledFinish" : "2021-09-14T07:50:18+00:00",
  "poNumber" : "xxx/yyy",
  "locationCode" : "USHOU",
  "requestDate" : "2021-09-14T07:50:18+00:00",
  "surveys" : [ {
    "uid" : "string",
    "surveyType" : "Retesting Survey - Cargo Gear",
    "occasional" : true,
    "extensionRequested" : true,
    "declineReason" : "string",
    "parts" : [ {
      "uid" : "string"
    } ]
  } ],
  "findings" : [ {
    "uid" : "string",
    "declineReason" : "string"
  } ],
  "comments" : "string",
  "localContact" : {
    "name" : "Jane Doe",
    "company" : "Some Company",
    "email" : "janeD@company.com",
    "phone" : "1234456712"
  },
  "additionalNotifications" : [ {
    "notificationType" : "Surveyor/Auditor Assignment",
    "emailIds" : "abc@example.com, def@example.com"
  } ]
}
```

Example HTTP response

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

Request order cancellation by class number

```
POST /vessel/{classnum}/orders/{orderid}/request-cancel
```

Description

The request for cancellation will be sent to the ABS port office. Client user (Point of Contact in the order) will receive an email notice confirming this and another when the Work Order cancellation has been completed.

Parameters

Type	Name	Description	Schema
Path	**classnum** *required*	Vessel Class Number.	string
Path	**orderid** *required*	Order Id.	string
Body	**cancelRequest** *optional*		CancelRequest

Responses

HTTP Code	Description	Schema
200	order response	Response 200
404	Not found	Error

Response 200

Name	Description	Schema
return *optional*	Request Id. **Maximal length** : 50	string

Consumes

* application/json

Produces

* application/json

Example HTTP request

Request body

```
{
  "cancelReason" : "string"
}
```

Example HTTP response

Response 200

```
{
  "return" : "string"
}
```

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

Request order cancellation by imo number

```
POST /vessel/imonum/{imonum}/orders/{orderid}/request-cancel
```

Description

Request order cancellation

Parameters

Type	Name	Description	Schema
Path	**imonum** *required*	IMO Number.	string
Path	**orderid** *required*	Order Id.	string
Body	**cancelRequest** *optional*		CancelRequest

Responses

HTTP Code	Description	Schema
200	order response	Response 200
404	Not found	Error

Response 200

Name	Description	Schema
return *optional*	Request Id. **Maximal length** : 50	string

Consumes

- application/json

Produces

- application/json

Example HTTP request

Request body

```
{
  "cancelReason" : "string"
}
```

Example HTTP response

Response 200

```
{
  "return" : "string"
}
```

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

Request order edit by classnum

```
POST /vessel/{classnum}/orders/{orderid}/request-edit
```

Description

Request to update order. This updates the order (survey request)made previously and will notify the ABS port office by an email. Client user (Point of Contact in the order) will receive an email confirmation of the order. Another email notification is received when the updates have been completed.

Parameters

Type	Name	Description	Schema
Path	**classnum** *required*	Vessel Class Number.	string
Path	**orderid** *required*	Order Id.	string
Body	**orderRequest** *optional*		OrderRequest

Responses

HTTP Code	Description	Schema
200	order response	Response 200
400	Bad request	Error
404	Not found	Error

Response 200

Name	Description	Schema
return *optional*	Request Id. **Maximal length** : 50	string

Consumes

- application/json

Produces

- application/json

Example HTTP request

Request body

```
{
  "classNumber" : "123456",
  "imoNumber" : "66666",
  "customerNumber" : "77777",
  "attendanceType" : "Physical Attendance",
  "workType" : "Surveys After Construction",
  "scheduledStart" : "2021-09-14T07:50:18+00:00",
  "scheduledFinish" : "2021-09-14T07:50:18+00:00",
  "poNumber" : "870ATP/MG01/A3237",
  "locationCode" : "USHOU",
  "requestDate" : "2021-09-14T07:50:18+00:00",
  "surveys" : [ {
    "uid" : "string",
    "surveyType" : "Retesting Survey - Cargo Gear",
    "occasional" : true,
    "extensionRequested" : true,
    "declineReason" : "string",
    "parts" : [ {
      "uid" : "string"
    } ]
  } ],
  "findings" : [ {
    "uid" : "string",
    "declineReason" : "string"
  } ],
  "comments" : "string",
  "localContact" : {
    "name" : "Jane Doe",
    "company" : "Some Company",
    "email" : "janeD@company.com",
    "phone" : "1234456712"
  },
  "additionalNotifications" : [ {
    "notificationType" : "Surveyor/Auditor Assignment",
    "emailIds" : "abc@example.com, def@example.com"
  } ]
}
```

Example HTTP response

Response 200

```
{
  "return" : "string"
}
```

Response 400

```
{
  "code" : 0,
  "message" : "string"
}
```

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

Request order edit by imonum

```
POST /vessel/imonum/{imonum}/orders/{orderid}/request-edit
```

Description

Request to update order. This updates the order (survey request)made previously and will notify the ABS port office by an email. Client user (Point of Contact in the order) will receive an email confirmation of the order. Another email notification is received when the updates have been completed.

Parameters

Type	Name	Description	Schema
Path	**imonum** *required*	IMO Number.	string
Path	**orderid** *required*	Order Id.	string
Body	**orderRequest** *optional*		OrderRequest

Responses

HTTP Code	Description	Schema
200	order response	Response 200
400	Bad request	Error
404	Not found	Error

Response 200

Name	Description	Schema
return *optional*	Request Id. **Maximal length** : 50	string

Consumes

- application/json

Produces

- application/json

Example HTTP request

Request body

```json
{
  "classNumber" : "1234567",
  "imoNumber" : "123213",
  "customerNumber" : "123123",
  "attendanceType" : "Physical Attendance",
  "workType" : "Surveys After Construction",
  "scheduledStart" : "2021-09-14T07:50:18+00:00",
  "scheduledFinish" : "2021-09-14T07:50:18+00:00",
  "poNumber" : "1232321",
  "locationCode" : "USHOU",
  "requestDate" : "2021-09-14T07:50:18+00:00",
  "surveys" : [ {
    "uid" : "string",
    "surveyType" : "Retesting Survey - Cargo Gear",
    "occasional" : true,
    "extensionRequested" : true,
    "declineReason" : "string",
    "parts" : [ {
      "uid" : "string"
    } ]
  } ],
  "findings" : [ {
    "uid" : "string",
    "declineReason" : "string"
  } ],
  "comments" : "string",
  "localContact" : {
    "name" : "Jane Doe",
    "company" : "Some Company",
    "email" : "janeD@company.com",
    "phone" : "1234456712"
  },
  "additionalNotifications" : [ {
    "notificationType" : "Surveyor/Auditor Assignment",
    "emailIds" : "abc@example.com, def@example.com"
  } ]
}
```

Example HTTP response

Response 200

```json
{
  "return" : "string"
}
```

Response 400

```
{
  "code" : 0,
  "message" : "string"
}
```

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

Upload attachment by imonum and orderid

```
POST /vessel/imonum/{imonum}/orders/{orderid}/attachment
```

Description

Add Attachment to Order by IMO and orderid

Parameters

Type	Name	Description	Schema
Path	**imonum** *required*	IMO Number.	string
Path	**orderid** *required*	Order Id.	string
Body	**body** *optional*		string

Responses

HTTP Code	Description	Schema
201	attachments created	No Content
400	Bad request	Error

HTTP Code	Description	Schema
404	Not found	Error

Consumes

- multipart/form-data

Produces

- application/json

Example HTTP response

Response 400

```
{
  "code" : 0,
  "message" : "string"
}
```

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

Upload attachment by classnum and orderid

```
POST /vessel/{classnum}/orders/{orderid}/attachment
```

Description

Add Attachment to Order by classnum and orderid

Parameters

Type	Name	Description	Schema
Path	**classnum** *required*	Vessel Class Number.	string

Type	Name	Description	Schema
Path	**orderid** *required*	Order Id.	string
Body	**body** *optional*		string

Responses

HTTP Code	Description	Schema
201	attachments created	No Content
400	Bad request	Error
404	Not found	Error

Consumes

* multipart/form-data

Produces

* application/json

Example HTTP response

Response 400

```
{
   "code" : 0,
   "message" : "string"
}
```

Response 404

```
{
   "code" : 0,
   "message" : "string"
}
```

Upload attachment by classnum and requestid

```
POST /vessel/{classnum}/requests/{requestid}/attachment
```

Description

Add Attachment to Order by classnum and requestid

Parameters

Type	Name	Description	Schema
Path	**classnum** *required*	Vessel Class Number.	string
Path	**requestid** *required*	Request Id.	string
Body	**body** *optional*		string

Responses

HTTP Code	Description	Schema
201	attachments created	No Content
400	Bad request	Error
404	Not found	Error

Consumes

- multipart/form-data

Produces

- application/json

Example HTTP response

Response 400

```
{
  "code" : 0,
  "message" : "string"
}
```

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

Upload attachment by imonum and requestid

```
POST /vessel/imonum/{imonum}/requests/{requestid}/attachment
```

Description

Add Attachment to Order by IMO and requestid

Parameters

Type	Name	Description	Schema
Path	**imonum** *required*	IMO Number.	string
Path	**requestid** *required*	Request Id.	string
Body	**body** *optional*		string

Responses

HTTP Code	Description	Schema
201	attachments created	No Content
400	Bad request	Error
404	Not found	Error

Consumes

- multipart/form-data

Produces

- application/json

Example HTTP response

Response 400

```
{
  "code" : 0,
  "message" : "string"
}
```

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

Retrieves Survey requirements pdf for a given UID by class number.

```
GET /vessel/{classnum}/survey-audit/{surveyuid}/requirements
```

Description

Retrieves Survey requirements pdf for a given UID (Survey / Survey Task).

Parameters

Type	Name	Description	Schema
Path	**classnum** *required*	Vessel Class Number.	string
Path	**surveyuid** *required*	Survey UID.	string

Responses

HTTP Code	Description	Schema
200	Survey requirements zip.	string (binary)
400	Bad request	Error
404	Not found	Error

Produces

- application/octet-stream
- application/json

Example HTTP response

Response 400

```
{
  "code" : 0,
  "message" : "string"
}
```

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

Retrieves Survey requirements pdf for a given UID by imo number.

```
GET /vessel/imonum/{imonum}/survey-audit/{surveyuid}/requirements
```

Description

Retrieves Survey requirements pdf for a given UID (Survey / Survey Task).

Parameters

Type	Name	Description	Schema
Path	**imonum** *required*	imo number	string
Path	**surveyuid** *required*	Survey UID.	string

Responses

HTTP Code	Description	Schema
200	Survey requirements zip.	string (binary)
400	Bad request	Error
404	Not found	Error

Produces

- application/octet-stream
- application/json

Example HTTP response

Response 400

```
{
  "code" : 0,
  "message" : "string"
}
```

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

Download Attachment/report of an order (zip version).

```
GET /vessel/{classnum}/orders/{orderid}/document/{filename}
```

Description

Get a single attachment/report of an order (zip version).

Parameters

Type	Name	Description	Schema
Path	**classnum** *required*	Vessel Class Number.	string
Path	**filename** *required*	Name of attachment or report.	string
Path	**orderid** *required*	Order Id.	string
Query	**doctype** *optional*	It's an optional parameter, and passed for specific reports. Ex. For Invoice Report, doctype=invoice	string

Responses

HTTP Code	Description	Schema
200	Survey requirements zip.	string (binary)
400	Bad request	Error
404	Not found	Error

Produces

- `application/octet-stream`

- `application/json`

Example HTTP response

Response 400

```
{
  "code" : 0,
  "message" : "string"
}
```

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```

Retrieve order by requestid

```
GET /vessel/{classnum}/requests/{requestid}/order
```

Description

Retrieves all the orders (survey requests) placed for the vessel(s)

Parameters

Type	Name	Description	Schema
Path	**classnum** *required*	Vessel Class Number.	string
Path	**requestid** *required*	Request Id.	string

Responses

HTTP Code	Description	Schema
200	Orders response	Response 200
404	Not found	Error

Response 200

Name	Schema
order *optional*	Order

Produces

- `application/json`

Example HTTP response

Response 200

```
{
  "order" : {
    "requestId" : "string",
    "reportNumber" : "string",
    "requestDate" : "string",
    "firstVisitDate" : "string",
    "lastVisitDate" : "string",
    "requestType" : "Surveys After Construction",
    "attendanceType" : "Physical Attendance",
    "locationCode" : "USHOU",
    "portOffice" : "Houston Port",
    "status" : "Order Placed"
  }
}
```

Response 404

```
{
  "code" : 0,
  "message" : "string"
}
```