OIAP

API Version: 0.9.0-oas3

Open Info API para Puertos

This file contains all the APIs developed for the `Open Info API para Puertos` project within the initiative Ports 4.0 from Puertos del Estado (ES).

CONTACT

NAME: OpenInfoAPI github
URL: https://github.com/portdebarcelona/OpenInfoAPI-Ports
Terms of service: http://swagger.io/terms/

INDEX

API

1. ENVIRONMENT-POLLUTION

APIs related to the pollution levels in a port area.

1.1 GET /airQuality

Returns the present value of the Air Quality Index and Level.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
airQuality	object	
airQualityIndex	integer	between 0 and 100 Value of the Air Quality Index (AQI).
airQualityLevel	enum	**ALLOWED:** good, moderate, unhealthyForSensitiveGroups, unhealthy, veryUnhealthy, hazardous Air Quality Level. Example values are those defined by the USA EPA Agency: (good, moderate, unhealthyForSensitiveGroups, unhealthy, veryUnhealthy, hazardous).
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:** /([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

1.2 GET /airPollution

Returns some common air quality parameters.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
airPollution	object	
airQualityIndex	integer	between 0 and 100 Value of the Air Quality Index (AQI).
CO	integer	Carbon monoxide (CO) concentration, in milligrams per cubic meter.
NONO	integer	Nitric oxide (NO) concentration, in milligrams per cubic meter.
NO2	integer	Nitrogen dioxide (NO2) concentration, in milligrams per cubic meter.
NOx	integer	Mono-nitrogen oxides (NOx) concentration, in milligrams per cubic meter.
SO2	integer	Sulfur dioxide (SO2) concentration, in milligrams per cubic meter.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

1.3 GET /waterQuality

Returns the present value of the Water Quality Index and Level.

Returns the present value of the Water Quality Index and Level.
WQI provides a single number that expresses the overall water quality, at a certain location and time, based on several water quality parameters. The objective of WQI is to turn complex water quality data into information that is understandable and usable by the public.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
waterQuality	object	
waterQualityIndex*	integer	between 0 and 100 Value of the Water Quality Index (WQI).
waterQualityLevel	enum	**ALLOWED:**excellent quality, good, average, bad Water Quality Level. Example values are excellent quality, good, average, bad.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.

NAME	TYPE	DESCRIPTION
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars
		UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

1.4 GET /waterPollution

Returns some common water quality parameters.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
waterParameters	object	
waterTemperature	number	Water temperature, expressed in Celsius degrees.
salinity	number	Amount of salts dissolved in water, measured in parts per thousand (ppt).
ph	number	Acidity or basicity of an aqueous solution, expressed as the negative of the logarithm to base 10 of the activity of the hydrogen ion.

NAME	TYPE	DESCRIPTION
turbidity	number	Amount of light scattered by particles in the water column, measured in Formazin Turbidity Units (FTU).
o2	number	Level of free, non-compound oxygen present, expressed in milligrams per liter (mg/L).
tss	number	The total suspended solids, measured in milligrams per liter (mg/L).
tds	number	The total dissolved solids, measured in milligrams per liter (mg/L).
nitrates	number	The concentration of nitrates, expressed in milligrams per liter (mg/L).
nitrites	number	The concentration of nitrites, expressed in milligrams per liter (mg/L).
ammonia	number	The concentration of ammonia, expressed in milligrams per liter (mg/L).
silicate	number	The concentration of silicate, expressed in milligrams per liter (mg/L).
phosphate	number	The concentration of phosphate, expressed in milligrams per liter (mg/L).
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

1.5 GET /noiseLevel

Returns the level of noise of a port

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
noiseLevel	object	
noiseLevel*	integer	between 0 and 140 Noise level, expressed in decibels (dB).
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

2. ENVIRONMENT-SEA STATE

APIs related to the sea state in the surrounding area of a port.

2.1 GET /seaCondition

Returns information on the sea condition.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
seaCondition	object	
surfaceTemperature	number	Sea surface temperature, expressed in Celsius degrees.
waveHeight	number	Height of the waves, expressed in meters.
waveLevel	number	Indicates the height of the waves and measures the swell of the sea, expressed in meters.
wavePeriod	number	Indicates the time between the crests of a wave, expressed in seconds.
source	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

2.2 GET /wavePrediction

Returns the prediction of waves.

Returns the prediction of waves, including the component of the wind waves plus the swell.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
forecastedDate	date	Date of the forecast.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
wavePrediction	array	
forecastedDate*	string	The forecasted date.
waveHeight*	number	Height of the waves, expressed in meters.
swellHeight	number	Swell height in meters (m)
swellPeriod	integer	Swell period in seconds (s)
swellDirection	integer	between 0 and 360 Swell direction
windDirection	number	between 0 and 360 The wind direction is expressed in decimal degrees compared to geographic North (measured clockwise), encoded as a Number. Range 0 to 360.
windSpeed	number	The observed wind speed in m/s.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.

NAME	TYPE	DESCRIPTION
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.
forecastedDate	string	The forecasted date.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

2.3 GET /tides

Returns information about the tides of a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
forecastedDate	date	Date of the forecast.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
tides	array	
forecastedDate*	string	The forecasted date.

NAME	TYPE	DESCRIPTION
highTide	object	
height	number	Representation of a height expressed in meters (m).
time	string	Representation of Time, expressed in hours, minutes, and seconds using ISO 8601 Time format.
lowTide	object	
height	number	Representation of a height expressed in meters (m).
time	string	Representation of Time, expressed in hours, minutes, and seconds using ISO 8601 Time format.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	`max:5 chars` UN/LOCODE code for a port.
forecastedDate	string	The forecasted date.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN**:`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN**:`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

3. ENVIRONMENT-WEATHER

APIs related to the weather in a port.

3.1 GET /realtimeWeather

Returns real-time weather information on the default weather station of a port.

Returns realtime weather information on the default weather station of a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
realtimeWeather	object	
dataProvider	string	Specifies the URL to inform the provider of this information.
name	string	Given name of a person.
location	string	Location of the weather observation is represented by a GeoJSON geometry. Mandatory if the address is not defined.
address	object	
city	string	
country	string	
streetAndNumber	string	
zipCode	string	
dateObserved*	string	The date and time of this observation are in ISO8601 UTC format. It can be represented by a specific time instant or by an ISO8601 interval.
source	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.
refDevice	string	A reference to the device(s) which captured this observation.
refPointOfInterest	string	A reference to a point of interest.
weatherTypes	array	
dewPoint	number	The dew point is encoded as a number. The default unit is Celsius degrees.
visibility	enum	**ALLOWED:** veryPoor, poor, moderate, good, veryGood, excellent Visibility reported.
temperature	number	Air temperature observed. The default unit is degrees centigrades.
feelsLikeTemperature	number	Wind chill/Feels like Temperature (C)
relativeHumidity	number	between 0 and 1 Air relative humidity observed (percentage, expressed in parts per one).

NAME	TYPE	DESCRIPTION
precipitation	number	Precipitation level observed. The default unit is liters per square meter.
windDirection	number	between 0 and 360
		The wind direction is expressed in decimal degrees compared to geographic North (measured clockwise), encoded as a Number. Range 0 to 360.
windSpeed	number	The observed wind speed in m/s.
atmosphericPressure	number	The atmospheric pressure observed, measured in Hecto Pascals (hPa).
pressureTendency	enum	ALLOWED: raising, falling, steady
		Is the pressure rising or falling? It is expressed in qualitative terms.
solarRadiation	number	The solar radiation observed, measured in Watts per square meter.
illuminance	number	The illuminance observed, measured in lux (lx) or lumens per square metre (cd * sr * m-2).
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars
		UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN: /([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN: /([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

3.2 GET /weatherForecast

Returns the 5 days weather forecast for a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
weatherForecast	array	
forecastedDate	string	The forecasted date.
atmosphericPressure	number	The atmospheric pressure observed, measured in Hecto Pascals (hPa).
dayMaximum	object	
feelsLikeTemperature	number	Wind chill/Feels like Temperature (C)
relativeHumidity	number	between 0 and 1 Air relative humidity observed (percentage, expressed in parts per one).
temperature	number	Air temperature observed. The default unit is degrees centigrades.
dayMinimum	object	
feelsLikeTemperature	number	Wind chill/Feels like Temperature (C)
relativeHumidity	number	between 0 and 1 Air relative humidity observed (percentage, expressed in parts per one).
temperature	number	Air temperature observed. The default unit is degrees centigrades.
precipitationProbability	number	between 0 and 1 Rain precipitation probability (%)
cloudCover	number	between 0 and 1 Cloud cover in percentage (%)
dataProvider	string	A sequence of characters identifying the provider of the harmonised data entity.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.

NAME	TYPE	DESCRIPTION
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

3.3 GET /astronomicalData

Returns astronomical data from a port.

Returns astronomical data from a port. Up to date information for sunrise, sunset, moonrise, moonset, moon phase and illumination.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
astronomy	array	
sunrise	string	Time for sunrise on a certain date and place.
sunset	string	Time for sunset on a certain date and place.
moonrise	string	Time for moonrise on a certain date and place.
moonset	string	Time for moonset on a certain date and place.
moonPhase	enum	**ALLOWED:**New Moon, First Quarter, Full Moon, Last Quarter Moon phase.
illumination	integer	between 0 and 100 Moon percentage illumination.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.

NAME	TYPE	DESCRIPTION
queryParams	object	
portCode	string	max:5 chars
		UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

4. LINER SERVICES

APIs related to the Liner Services that are scheduled in a port.

4.1 GET /linerServices

Returns a list of liner services of a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
linkedPortCode	string max:5 chars	Port that is served by a direct service of a liner and do not requires a transshipment.
coastalArea	string max:4 chars	Maritime coastal areas.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
linerServices	array	
linerServiceName*	string	max:50 chars Name of a Liner Service, as it is refered by Alphaliner.
linerServiceCode	string	max:4 chars Code of a Liner Service, as it is refered by Alphaliner.
linerCarriers*	array	
carrierName	string	Carrier name.
carrierCode	string	Carrier code as Standard Carrier Alpha Code (SCAC)
linkedPorts	array	
portCode	string	max:5 chars UN/LOCODE code for a port.
portName	string	max:35 chars Port name.
coveredGeographicalAreas*	array	
linerServiceType*	string	max:2 chars Type of Liner Service, coded. * `FC`Full container - Containership. * `CC` Car-carrier. * `RR` Ro-Ro. * `MP` Multipurpose
linerServiceCapacity	object	
capacity	integer	Capacity.

NAME	TYPE	DESCRIPTION
unitsOf Measure	string	Units of measure.
linerSailingFrequency*	string	Frequency of a liner service, expressed in days
linerDurationOfRotation	string	Duration of the liner service rotation, expressed in days
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.
linkedPortCode	string	max:5 chars UN/LOCODE code for a port.
coastalArea	string	max:4 chars A contiguous stretch of coastline, together with islands offshore as it is defined by Eurostat in Annex VI from Directive 2009/42/EC of the European Parliament and of the Council.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

4.2 GET /linkedPorts

Returns the list of linked ports served by liner services from a port.

This GET API returns the list of linked ports served by liner services from a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
coastalArea	string max:4 chars	Maritime coastal areas.
countryCode	undefined	Country code as in ISO3166 2 alpha characters.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
linkedPorts	array	
portCode	string	max:5 chars UN/LOCODE code for a port.
portName	string	max:35 chars Port name.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.
coastalArea	string	max:4 chars A contiguous stretch of coastline, together with islands offshore as it is defined by Eurostat in Annex VI from Directive 2009/42/EC of the European Parliament and of the Council.
countryCode	undefined	Country alpha-2 code from ISO 3166 — Codes for the representation of names of countries and their subdivisions.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		

NAME	TYPE	DESCRIPTION
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

4.3 GET /linerCarriers

List of the carriers that serve a port, a maritime coastal area or a country.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
coastalArea	string max:4 chars	Maritime coastal areas.
countryCode	undefined	Country code as in ISO3166 2 alpha characters.
linkedPortCode	string max:5 chars	Port that is served by a direct service of a liner and do not requires a transshipment.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
linerCarriers	array	
carrierName	string	Carrier name.
carrierCode	string	Carrier code as Standard Carrier Alpha Code (SCAC)
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars
		UN/LOCODE code for a port.
coastalArea	string	max:4 chars
		A contiguous stretch of coastline, together with islands offshore as it is defined by Eurostat in Annex VI from Directive 2009/42/EC of the European Parliament and of the Council.
countryCode	undefined	Country alpha-2 code from ISO 3166 — Codes for the representation of names of countries and their subdivisions.

NAME	TYPE	DESCRIPTION
linkedPortCode	string	max:5 chars
		UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

5. NEWS

APIs related to some news of interest from a port.

5.1 POST /newsSubscriptionRequest

Subscription request to a news service

Request a subscription to a news service from a port

REQUEST

REQUEST BODY - application/json

NAME	TYPE	DESCRIPTION
contactInfo*	string	email or phone
name	string	Given name of a person.
surname	string	Hereditary name common to all members of a family.
company	object	
companyName	string	Company name.
activities	array	
companyVat	string	VAT number that identifies a company.
categories*	string	Category of a publication.
language*	string	max:2 chars The ISO 639 code of a language. Each language is assigned a two-letter (639-1) lowercase abbreviation. E.g. `ca` Catalan.

RESPONSE

STATUS CODE - 200: successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
subscriptionRequestReference	string	Reference assigned to a subscription request.
subscriptionRequestMessage	string	Response message to a subscription request.

STATUS CODE - 400: Invalid Order

5.2 POST /newsSubscriptionValidation

Last step for subscribing to a news service

Post the validation code is received to fulfill the subscription request to a news service from a port

REQUEST

REQUEST BODY - application/json

RESPONSE

STATUS CODE - 200: successful operation

RESPONSE MODEL - application/json

STATUS CODE - 400: Invalid Order

5.3 POST /newsUnsubscriptionRequest

Request to cancel the subscription to a news service

Request to cancel a subscription of a news service from a port

REQUEST

REQUEST BODY - application/json

NAME	TYPE	DESCRIPTION
ONE:OF	object	
prop0	string	email
prop1	string	Phone number

RESPONSE

STATUS CODE - 200: successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
unsubscriptionRequestReference	string	Reference assigned to an unsubscription request.
unsubscriptionRequestMessage	string	Response message to an unsubscription request.

STATUS CODE - 400: Invalid Order

5.4 POST /newsUnsubscriptionValidation

Last step for cancelling the subscription to a news service

Post the validation code is received to cancel the subscription to a news service from a port

REQUEST

REQUEST BODY - application/json

RESPONSE

STATUS CODE - 200: successful operation

RESPONSE MODEL - application/json

STATUS CODE - 400: Invalid Order

5.5 GET /news

Returns a list of news

Returns a list of news. The default value is a list of the active news but news that have expired can also be retrieved if the parameter 'publishingStage' is set to EXPIRED and the selection can be refined including the parameter 'fromDate'

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
publishingStage	enum ALLOWED: ACTIVE, EXPIRED	The stage of the publishing process of a notice or news. There are only two possible stages, ACTIVE and EXPIRED. This parameter must be used when the publishing process is EXPIRED. If not provided, the ACTIVE stage is used by default.
fromDate	date	The start date of the period for which schedule information is requested. The value is populated in ISO 8601 Date format. If not provided, the current date is used by default.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
news	array	
id*	string	max:35 chars Entity's unique identifier.
language*	string	max:2 chars The ISO 639 code of a language. Each language is assigned a two-letter (639-1) lowercase abbreviation. E.g. `ca` Catalan.
subject*	string	The subject of a publication.
content	string	The content of a publication.
category	string	Category of a publication.
fromDate	string	The initial date of a period.
toDate	string	The final date of a period.
uri	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.
publishingStage	enum	ALLOWED:ACTIVE, EXPIRED Stages of a publishing process: * `ACTIVE` - Element that is active * `EXPIRED` - Element that has expired
fromDate	string	The initial date of a period.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		

NAME	TYPE	DESCRIPTION
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

5.6 GET /newsCategories

Returns the list of news categories from a news service of a port

This GET API returns the list of all the category names that a user can subscribe. Please see the 'newsCategories' attribute which returns an array of noticeCategories names. Each noticeCategories or a combination of noticeCategories can be searched using the syntax options shown below.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
newsCategories	array	
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

5.7 GET /newsLanguages

List of the possible languages from a news service of a port

Returns a list of the possible languages for news published.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
newsLanguages	array	
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN**:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN**:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

5.8 GET /newsById

Returns news identified by its unique id.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
id	string max:35 chars	The unique identification of a database register.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
news	object	
id*	string	max:35 chars Entity's unique identifier.
language*	string	max:2 chars The ISO 639 code of a language. Each language is assigned a two-letter (639-1) lowercase abbreviation. E.g. `ca` Catalan.
subject*	string	The subject of a publication.
content	string	The content of a publication.
category	string	Category of a publication.
fromDate	string	The initial date of a period.

NAME	TYPE	DESCRIPTION
toDate	string	The final date of a period.
uri	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	`max:5 chars` UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

6. NOTICES

APIs related to some notices of interest from a port.

6.1 POST /noticesSubscriptionRequest

Subscription request to a notices service

Request a subscription to a notices service from a port

REQUEST

REQUEST BODY - application/json

NAME	TYPE	DESCRIPTION
contactInfo*	string	email or phone
name	string	Given name of a person.
surname	string	Hereditary name common to all members of a family.
company	object	
companyName	string	Company name.
activities	array	
companyVat	string	VAT number that identifies a company.
categories*	string	Category of a publication.
language*	string	max:2 chars
		The ISO 639 code of a language. Each language is assigned a two-letter (639-1) lowercase abbreviation. E.g. `ca` Catalan.

RESPONSE

STATUS CODE - 200: successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
subscriptionRequestReference	string	Reference assigned to a subscription request.
subscriptionRequestMessage	string	Response message to a subscription request.

STATUS CODE - 400: Invalid Order

6.2 POST /noticesSubscriptionValidation

Last step for subscribing to a notices service

Post the validation code is received to fulfill the subscription request to a notices service from a port

REQUEST

REQUEST BODY - application/json

RESPONSE

STATUS CODE - 200: successful operation

RESPONSE MODEL - application/json

STATUS CODE - 400: Invalid Order

6.3 POST /noticesUnsubscriptionRequest

Request to cancel the subscription to a notices service

Request to cancel a subscription of a notices service from a port

REQUEST

REQUEST BODY - application/json

NAME	TYPE	DESCRIPTION
ONE:OF	object	
prop0	string	email
prop1	string	Phone number

RESPONSE

STATUS CODE - 200: successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
unsubscriptionRequestReference	string	Reference assigned to an unsubscription request.
unsubscriptionRequestMessage	string	Response message to an unsubscription request.

STATUS CODE - 400: Invalid Order

6.4 POST /noticesUnsubscriptionValidation

Last step for cancelling the subscription to a notices service

Post the validation code is received to cancel the subscription to a notices service from a port

REQUEST

REQUEST BODY - application/json

RESPONSE

STATUS CODE - 200: successful operation

RESPONSE MODEL - application/json

STATUS CODE - 400: Invalid Order

6.5 GET /notices

Returns a list of notices

Returns a list of notices. The default value is a list of the active notices but notices that have expired can also be retrieved if the parameter 'publishingStage' is set to EXPIRED and the selection can be refined including the parameter 'fromDate'

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
publishingStage	enum ALLOWED: ACTIVE, EXPIRED	The stage of the publishing process of a notice or news. There are only two possible stages, ACTIVE and EXPIRED. This parameter must be used when the publishing process is EXPIRED. If not provided, the ACTIVE stage is used by default.
fromDate	date	The start date of the period for which schedule information is requested. The value is populated in ISO 8601 Date format. If not provided, the current date is used by default.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
notice	array	
id*	string	max:35 chars Entity's unique identifier.
category	enum	ALLOWED:Traffic jam, accidents, weather conditions, high level of pollutants Define the category of alert.
subCategory	string	Define the sub category of alert. For traffic category: trafficJam, carAccident, carWrongDirection, carStopped, pothole, roadClosed, roadWorks, hazardOnRoad, injuredBiker. For naturalDisaster category: flood, tsunami, coastalEvent, earthquake. For weather category: rainfall, highTemperature, lowTemperature, heatWave, coldWave, ice, snow, wind, fog, tornado, tropicalCyclone, hurricane, snow/ice, thunderstorms, fireRisk, avalancheRisk, floodRisk. For environment category: airPollution, waterPollution, pollenConcentration.
severity	enum	ALLOWED:informational, low, medium, high, critical Define the level of gravity of a given alert.
subject*	string	The subject of a publication.
content	string	The content of a publication.
dateIssued	string	The date and time the alert was issued by the alert generator.
fromDate	string	The initial date of a period.
toDate	string	The final date of a period.
uri	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.
language*	string	max:2 chars The ISO 639 code of a language. Each language is assigned a two-letter (639-1) lowercase abbreviation. E.g. `ca` Catalan.
alertSource	string	Reference to the source of the alert. For example, it could be a user of an application, a device, or a service.
metadata	string	max:5 chars UN/LOCODE code for a port.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.
publishingStage	enum	ALLOWED:ACTIVE, EXPIRED Stages of a publishing process: * `ACTIVE` - Element that is active * `EXPIRED` - Element that has expired

NAME	TYPE	DESCRIPTION
fromDate	string	The initial date of a period.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

6.6 GET /noticesCategories

Returns the list of notices categories from a notices service of a port

This GET API returns the list of all the category names that a user can subscribe. Please see the 'noticesCategories' attribute which returns an array of noticeCategories names. Each noticeCategories or a combination of noticeCategories can be searched using the syntax options shown below.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
noticeCategories	array	
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.

NAME	TYPE	DESCRIPTION
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars
		UN/LOCODE code for a port.
noticeLanguage	string	max:2 chars
		The ISO 639 code of a language. Each language is assigned a two-letter (639-1) lowercase abbreviation. E.g. `ca` Catalan.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

6.7 GET /noticesLanguages

List of the possible languages from a notices service of a port

Returns a list of the possible languages for the notices published.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		

NAME	TYPE	DESCRIPTION
noticesLanguages	array	
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

6.8 GET /noticesById

Returns a particular notice identified by its unique id.

Returns a notice identified by its unique id.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
id	string max:35 chars	The unique identification of a database register.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
notice	object	
id*	string	`max:35 chars` Entity's unique identifier.
category	enum	**ALLOWED:** `Traffic jam, accidents, weather conditions, high level of pollutants` Define the category of alert.
subCategory	string	Define the sub category of alert. For traffic category: trafficJam, carAccident, carWrongDirection, carStopped, pothole, roadClosed, roadWorks, hazardOnRoad, injuredBiker. For naturalDisaster category: flood, tsunami, coastalEvent, earthquake. For weather category: rainfall, highTemperature, lowTemperature, heatWave, coldWave, ice, snow, wind, fog, tornado, tropicalCyclone, hurricane, snow/ice, thunderstorms, fireRisk, avalancheRisk, floodRisk. For environment category: airPollution, waterPollution, pollenConcentration.
severity	enum	**ALLOWED:** `informational, low, medium, high, critical` Define the level of gravity of a given alert.
subject*	string	The subject of a publication.
content	string	The content of a publication.
dateIssued	string	The date and time the alert was issued by the alert generator.
fromDate	string	The initial date of a period.
toDate	string	The final date of a period.
uri	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.
language*	string	`max:2 chars` The ISO 639 code of a language. Each language is assigned a two-letter (639-1) lowercase abbreviation. E.g. `ca` Catalan.
alertSource	string	Reference to the source of the alert. For example, it could be a user of an application, a device, or a service.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	`max:5 chars` UN/LOCODE code for a port.
id	string	`max:35 chars` Entity's unique identifier.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:** `/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/

7. PORT CALENDAR

APIs related to the calendar in a port.

7.1 GET /holidays

Returns a list of holidays in a given period of time of a year and for a given place.

Information about list of public holidays from a requested period of time of a year and a place (country and subdivision).

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
country	undefined	ISO3166 2 characters country code.
subdivision	undefined	ubdivision code from ISO 3166 - Codes for the representation of names of countries and their subdivisions.
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
fromDate	date	The start date of the period for which schedule information is requested. The value is populated in ISO 8601 Date format. If not provided, the current date is used by default.
toDate	date	Last day of a period is expressed as YYYY-MM-DD.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
holidays	array	
holidayDate*	string	Holiday date.
holidayType	enum	**ALLOWED:**national holiday, other secular holiday, religious holiday, regional holiday local holiday Type of holiday.
holidayCountry	undefined	Country alpha-2 code from ISO 3166 — Codes for the representation of names of countries and their subdivisions.
holidaySubdivision	undefined	Subdivision code from ISO 3166 — Codes for the representation of names of countries and their subdivisions.
holidayPort	string	max:5 chars UN/LOCODE code for a port.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	

NAME	TYPE	DESCRIPTION
country	undefined	Country alpha-2 code from ISO 3166 — Codes for the representation of names of countries and their subdivisions.
subdivision	undefined	Subdivision code from ISO 3166 — Codes for the representation of names of countries and their subdivisions.
portCode	string	max:5 chars UN/LOCODE code for a port.
fromDate	string	The initial date of a period.
toDate	string	The final date of a period.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

7.2 GET /holidayTypes

Returns the list of all the holiday types.
Information about all the holiday types.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		

NAME	TYPE	DESCRIPTION
holidayTypes	array	
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

8. PORT CALLS

Port Calls Domain. APIs related to the ships arrival or departure from a port.

8.1 GET /shipsScheduled

Returns a list of ships that will arrive at a port in each period of time

Returns a list of ships that will arrive at a port in a given period of time

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
fromDate	date	The start date of the period for which schedule information is requested. The value is populated in ISO 8601 Date format. If not provided, the current date is used by default.
dateRange	iso8601	The time period for which schedule information is sent. The duration is populated in ISO 8601 Duration format. If not provided, 24 hours is used by default.
shipType	enum max:2 chars **ALLOWED:** 10, 20, 31, 32, 33, 34, 35, 36, 41, 42, 43, 49, XX	Type of ship. Default value are all types.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
shipArrivalForecast	array	
shipIMONumber*	string	max:7 chars The ship identifier. The unique seven-digit number which remains unchanged through a vessel's lifetime and is linked to its hull.
shipName*	string	max:35 chars The ship's name is shown on the IMO ship's certificates.

NAME	TYPE	DESCRIPTION
shipType*	enum	`max:2 chars` **ALLOWED:**`10, 20, 31, 32, 33, 34, 35, 36, 41, 42, 43, 49, XX` The type of the ship. The value is populated using the 2-character code from Annex VI from DIRECTIVE 2009/42/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 6 May 2009 on statistical returns in respect of the carriage of goods and passengers by sea. * `10` Liquid bulk (Oil tanker, Chemical tanker, LG tanker, Tanker barge, Other tanker) * `20` Dry bulk (Bulk/oil carrier, Bulk carrier) * `31` Container (Full container) * `32` Specialised (Barge carrier, Chemical carrier, Irradiated fuel, Livestock carrier, Vehicle carrier, Other specialised) * `33` General cargo, non-specialised (Reefer, Ro-ro passenger, Ro-ro container, Other ro-ro cargo,Combination carrier general cargo/passenger, Combination carrier general cargo/container, Single-decker, Multi-decker) * `34` Dry cargo barge (Deck barge, Hopper barge, Lash-seabee barge, Open dry cargo barge, Covered dry cargo barge, Other dry cargo barge nes) * `35` Passenger (Passenger, excluding cruise passengers) * `36` Cruise Passenger (Cruise ships only) * `41` Fishing (Fish catching, Fish processing) * `42` Offshore activities (Drilling and exploration, Offshore support) * `43` Tugs (Tugs, Pusher craft) * `49` Miscellaneous Dredgers (Research/survey, Other vessel nes) * `XX` Unknown Unknown type of vessel
estimatedTimeOfArrival*	string	**PATTERN:**`date-time` The date and time the means of transport is estimated to arrive at a specified location (ETA), in ISO 8601 Date format.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	`max:5 chars` UN/LOCODE code for a port.
fromDate	string	The initial date of a period.
dateRange	string	The duration of a period is expressed as an ISO 8601 code. E.g. 4 weeks and 2 days are represented as P4W2D.
shipType	enum	`max:2 chars` **ALLOWED:**`10, 20, 31, 32, 33, 34, 35, 36, 41, 42, 43, 49, XX` The type of the ship. The value is populated using the 2-character code from Annex VI from DIRECTIVE 2009/42/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 6 May 2009 on statistical returns in respect of the carriage of goods and passengers by sea. * `10` Liquid bulk (Oil tanker, Chemical tanker, LG tanker, Tanker barge, Other tanker) * `20` Dry bulk (Bulk/oil carrier, Bulk carrier) * `31` Container (Full container) * `32` Specialised (Barge carrier, Chemical carrier, Irradiated fuel, Livestock carrier, Vehicle carrier, Other specialised) * `33` General cargo, non-specialised (Reefer, Ro-ro passenger, Ro-ro container, Other ro-ro cargo,Combination carrier general cargo/passenger, Combination carrier general cargo/container, Single-decker, Multi-decker) * `34` Dry cargo barge (Deck barge, Hopper barge, Lash-seabee barge, Open dry cargo barge, Covered dry cargo barge, Other dry cargo barge nes) * `35` Passenger (Passenger, excluding cruise passengers) * `36` Cruise Passenger (Cruise ships only) * `41` Fishing (Fish catching, Fish processing) * `42` Offshore activities (Drilling and exploration, Offshore support) * `43` Tugs (Tugs, Pusher craft) * `49` Miscellaneous Dredgers (Research/survey, Other vessel nes) * `XX` Unknown Unknown type of vessel

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

8.2 GET /shipsInPort

Returns a list of ships that are anchored or moored now in a Port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
shipsInPort	array	
shipIMONumber*	string	max:7 chars The ship identifier. The unique seven-digit number which remains unchanged through a vessel's lifetime and is linked to its hull.
shipName*	string	max:35 chars The ship's name is shown on the IMO ship's certificates.

NAME	TYPE	DESCRIPTION
shipType*	enum	`max:2 chars` **ALLOWED:**`10, 20, 31, 32, 33, 34, 35, 36, 41, 42, 43, 49, XX` The type of the ship. The value is populated using the 2-character code from Annex VI from DIRECTIVE 2009/42/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 6 May 2009 on statistical returns in respect of the carriage of goods and passengers by sea. * `10` Liquid bulk (Oil tanker, Chemical tanker, LG tanker, Tanker barge, Other tanker) * `20` Dry bulk (Bulk/oil carrier, Bulk carrier) * `31` Container (Full container) * `32` Specialised (Barge carrier, Chemical carrier, Irradiated fuel, Livestock carrier, Vehicle carrier, Other specialised) * `33` General cargo, non-specialised (Reefer, Ro-ro passenger, Ro-ro container, Other ro-ro cargo,Combination carrier general cargo/passenger, Combination carrier general cargo/container, Single-decker, Multi-decker) * `34` Dry cargo barge (Deck barge, Hopper barge, Lash-seabee barge, Open dry cargo barge, Covered dry cargo barge, Other dry cargo barge nes) * `35` Passenger (Passenger, excluding cruise passengers) * `36` Cruise Passenger (Cruise ships only) * `41` Fishing (Fish catching, Fish processing) * `42` Offshore activities (Drilling and exploration, Offshore support) * `43` Tugs (Tugs, Pusher craft) * `49` Miscellaneous Dredgers (Research/survey, Other vessel nes) * `XX` Unknown Unknown type of vessel
actualTimeOfArrival*	string	The date and time the means of transport arrives at a specified location (ATA), in ISO 8601 Date format.
estimatedTimeOfDeparture*	string	The date and time the means of transport is estimated to depart from a specified location (ETD), in ISO 8601 Date format.
berth	object	
berthCode	string	Code assigned to a berth of a port.
berthName	string	Berth name.
berthCoordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
berthLength	integer	Berth length expressed in meters (m).
berthDepth	number	Bathymetric information. Depth expessed in meters. It must be expressed with positive values.
lastPortOfCall	string	`max:5 chars` Last Port of Call UN/LOCODE.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	`max:5 chars` UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		

NAME	TYPE	DESCRIPTION
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

8.3 GET /shipsArrivals

Returns a list of ships that have arrived or will arrive today at a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
shipArrivals	array	
shipIMONumber*	string	max:7 chars
		The ship identifier. The unique seven-digit number which remains unchanged through a vessel's lifetime and is linked to its hull.
shipName*	string	max:35 chars
		The ship's name is shown on the IMO ship's certificates.

NAME	TYPE	DESCRIPTION
shipType*	enum	`max:2 chars` **ALLOWED:**`10, 20, 31, 32, 33, 34, 35, 36, 41, 42, 43, 49, XX` The type of the ship. The value is populated using the 2-character code from Annex VI from DIRECTIVE 2009/42/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 6 May 2009 on statistical returns in respect of the carriage of goods and passengers by sea. * `10` Liquid bulk (Oil tanker, Chemical tanker, LG tanker, Tanker barge, Other tanker) * `20` Dry bulk (Bulk/oil carrier, Bulk carrier) * `31` Container (Full container) * `32` Specialised (Barge carrier, Chemical carrier, Irradiated fuel, Livestock carrier, Vehicle carrier, Other specialised) * `33` General cargo, non-specialised (Reefer, Ro-ro passenger, Ro-ro container, Other ro-ro cargo,Combination carrier general cargo/passenger, Combination carrier general cargo/container, Single-decker, Multi-decker) * `34` Dry cargo barge (Deck barge, Hopper barge, Lash-seabee barge, Open dry cargo barge, Covered dry cargo barge, Other dry cargo barge nes) * `35` Passenger (Passenger, excluding cruise passengers) * `36` Cruise Passenger (Cruise ships only) * `41` Fishing (Fish catching, Fish processing) * `42` Offshore activities (Drilling and exploration, Offshore support) * `43` Tugs (Tugs, Pusher craft) * `49` Miscellaneous Dredgers (Research/survey, Other vessel nes) * `XX` Unknown Unknown type of vessel
actualTimeOfArrival	string	The date and time the means of transport arrives at a specified location (ATA), in ISO 8601 Date format.
estimatedTimeOfArrival*	string	**PATTERN:**`date-time` The date and time the means of transport is estimated to arrive at a specified location (ETA), in ISO 8601 Date format.
nextPortOfCall	string	`max:5 chars` Last Port of Call UN/LOCODE.
berth*	object	
berthCode	string	Code assigned to a berth of a port.
berthName	string	Berth name.
berthCoordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
berthLength	integer	Berth length expressed in meters (m).
berthDepth	number	Bathymetric information. Depth expessed in meters. It must be expressed with positive values.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	`max:5 chars` UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		

NAME	TYPE	DESCRIPTION
code*	string	**PATTERN**:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN**:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

8.4 GET /shipsDepartures

Returns a list of ships that have departed or will depart today from a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
shipDepartures	array	
shipIMONumber*	string	max:7 chars The ship identifier. The unique seven-digit number which remains unchanged through a vessel's lifetime and is linked to its hull.
shipName*	string	max:35 chars The ship's name is shown on the IMO ship's certificates.

NAME	TYPE	DESCRIPTION
shipType*	enum	max:2 chars ALLOWED:10, 20, 31, 32, 33, 34, 35, 36, 41, 42, 43, 49, XX The type of the ship. The value is populated using the 2-character code from Annex VI from DIRECTIVE 2009/42/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 6 May 2009 on statistical returns in respect of the carriage of goods and passengers by sea. * `10` Liquid bulk (Oil tanker, Chemical tanker, LG tanker, Tanker barge, Other tanker) * `20` Dry bulk (Bulk/oil carrier, Bulk carrier) * `31` Container (Full container) * `32` Specialised (Barge carrier, Chemical carrier, Irradiated fuel, Livestock carrier, Vehicle carrier, Other specialised) * `33` General cargo, non-specialised (Reefer, Ro-ro passenger, Ro-ro container, Other ro-ro cargo,Combination carrier general cargo/passenger, Combination carrier general cargo/container, Single-decker, Multi-decker) * `34` Dry cargo barge (Deck barge, Hopper barge, Lash-seabee barge, Open dry cargo barge, Covered dry cargo barge, Other dry cargo barge nes) * `35` Passenger (Passenger, excluding cruise passengers) * `36` Cruise Passenger (Cruise ships only) * `41` Fishing (Fish catching, Fish processing) * `42` Offshore activities (Drilling and exploration, Offshore support) * `43` Tugs (Tugs, Pusher craft) * `49` Miscellaneous Dredgers (Research/survey, Other vessel nes) * `XX` Unknown Unknown type of vessel
actualTimeOfDeparture	string	The date and time the means of transport departs from a specified location (ATD), in ISO 8601 Date format.
estimatedTimeOfDeparture*	string	The date and time the means of transport is estimated to depart from a specified location (ETD), in ISO 8601 Date format.
nextPortOfCall	string	max:5 chars Next port of call UN/LOCODE.
berth*	object	
berthCode	string	Code assigned to a berth of a port.
berthName	string	Berth name.
berthCoordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
berthLength	integer	Berth length expressed in meters (m).
berthDepth	number	Bathymetric information. Depth expessed in meters. It must be expressed with positive values.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		

NAME	TYPE	DESCRIPTION
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

8.5 GET /shipsAproximation

Returns a list of ships that have initiated their aproximation manoeuvres to a port.

Returns a list of ships that have initiated their aproximation manouvres to a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
shipsAproximation	array	
shipIMONumber*	string	max:7 chars The ship identifier. The unique seven-digit number which remains unchanged through a vessel's lifetime and is linked to its hull.
shipName*	string	max:35 chars The ship's name is shown on the IMO ship's certificates.
estimatedTimeOfArrival*	string	**PATTERN:**date-time The date and time the means of transport is estimated to arrive at a specified location (ETA), in ISO 8601 Date format.

NAME	TYPE	DESCRIPTION
shipType	enum	`max:2 chars` **ALLOWED:**`10, 20, 31, 32, 33, 34, 35, 36, 41, 42, 43, 49, XX` The type of the ship. The value is populated using the 2-character code from Annex VI from DIRECTIVE 2009/42/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 6 May 2009 on statistical returns in respect of the carriage of goods and passengers by sea. * `10` Liquid bulk (Oil tanker, Chemical tanker, LG tanker, Tanker barge, Other tanker) * `20` Dry bulk (Bulk/oil carrier, Bulk carrier) * `31` Container (Full container) * `32` Specialised (Barge carrier, Chemical carrier, Irradiated fuel, Livestock carrier, Vehicle carrier, Other specialised) * `33` General cargo, non-specialised (Reefer, Ro-ro passenger, Ro-ro container, Other ro-ro cargo,Combination carrier general cargo/passenger, Combination carrier general cargo/container, Single-decker, Multi-decker) * `34` Dry cargo barge (Deck barge, Hopper barge, Lash-seabee barge, Open dry cargo barge, Covered dry cargo barge, Other dry cargo barge nes) * `35` Passenger (Passenger, excluding cruise passengers) * `36` Cruise Passenger (Cruise ships only) * `41` Fishing (Fish catching, Fish processing) * `42` Offshore activities (Drilling and exploration, Offshore support) * `43` Tugs (Tugs, Pusher craft) * `49` Miscellaneous Dredgers (Research/survey, Other vessel nes) * `XX` Unknown Unknown type of vessel
lastPortOfCall	string	`max:5 chars` Last Port of Call UN/LOCODE.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	`max:5 chars` UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

8.6 GET /ferriesArrivals

Returns a list of all the ferries that have arrived or will arrive today at a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
ferriesArrivals	array	
shipName*	string	max:35 chars The ship's name is shown on the IMO ship's certificates.
ferryOperator*	object	
code	string	Operator code. Code assigned to a ferry operator.
description*	string	Name of the ferry operator.
actualTimeOfArrival	string	The date and time the means of transport arrives at a specified location (ATA), in ISO 8601 Date format.
estimatedTimeOfArrival*	string	**PATTERN:**date-time The date and time the means of transport is estimated to arrive at a specified location (ETA), in ISO 8601 Date format.
lastPortOfCall	string	max:5 chars Last Port of Call UN/LOCODE.
berth*	object	
berthCode	string	Code assigned to a berth of a port.
berthName	string	Berth name.
berthCoordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
berthLength	integer	Berth length expressed in meters (m).
berthDepth	number	Bathymetric information. Depth expessed in meters. It must be expressed with positive values.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	

NAME	TYPE	DESCRIPTION
portCode	string	max:5 chars
		UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

8.7 GET /ferriesDepartures

Returns a list of ferries that have departed or will depart today from a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
ferriesDepartures	array	
shipName*	string	max:35 chars
		The ship's name is shown on the IMO ship's certificates.
ferryOperator*	object	
code	string	Operator code. Code assigned to a ferry operator.
description*	string	Name of the ferry operator.

NAME	TYPE	DESCRIPTION
actualTimeOfDeparture	string	The date and time the means of transport departs from a specified location (ATD), in ISO 8601 Date format.
estimatedTimeOfDeparture*	string	The date and time the means of transport is estimated to depart from a specified location (ETD), in ISO 8601 Date format.
nextPortOfCall	string	max:5 chars Next port of call UN/LOCODE.
berth*	object	
berthCode	string	Code assigned to a berth of a port.
berthName	string	Berth name.
berthCoordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
berthLength	integer	Berth length expressed in meters (m).
berthDepth	number	Bathymetric information. Depth expessed in meters. It must be expressed with positive values.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

8.8 GET /cruiseCalls

Returns information about the next arrival and departure of a cruise ship.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
shipName	string max:35 chars	Name of the cruise ship.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
cruiseCalls	array	
shipName*	string	**max:35 chars** The ship's name is shown on the IMO ship's certificates.
cruiseLine*	object	
code	string	Operator code. Code assigned to a cruise line.
description*	string	Name of the cruise line.
estimatedTimeOfArrival*	string	**PATTERN:** date-time The date and time the means of transport is estimated to arrive at a specified location (ETA), in ISO 8601 Date format.
estimatedTimeOfDeparture*	string	The date and time the means of transport is estimated to depart from a specified location (ETD), in ISO 8601 Date format.
facility*	object	
code	string	Code assigned to a port facility.
name*	string	Facility name.
berth	object	
berthCode	string	Code assigned to a berth of a port.
berthName	string	Berth name.
berthCoordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
berthLength	integer	Berth length expressed in meters (m).
berthDepth	number	Bathymetric information. Depth expessed in meters. It must be expressed with positive values.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.

NAME	TYPE	DESCRIPTION
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.
shipName	string	max:35 chars The ship's name is shown on the IMO ship's certificates.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

9. PORT DIRECTORY

APIs related to the a port directory.

9.1 GET /companies

Get some overview data of all the companies from a port or all the companies that perform a specific activity.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
activity	enum **ALLOWED:** Port Authority, Harbour Master, Customs, Border Control Post (BCP), Immigration, Container Depot, Container Terminal, Container (CFS), General Cargo Terminal, Multi Purpose Terminal, Liquid Cargo Terminal, Bulk Cargo Terminal, Temperature Controlled Terminal, Dangerous Cargo Warehouse, Passenger Terminal, Inland Container Terminal, Liner Agent - Carrier, Railway Undertaking, Haulier, Barge Carrier, Freight Forwarder, Customs Broker, Stevedoring & Lashing, Tally, Ship Supplier, Nautic-technic, Tug, Mooring, Shipyards & Repair, Shipowner, Pilots, Research, Consulting, Port Community System - PCS, IT-Service, Insurance, Container Leasing, Railway Services, Railway Logistics Operator, Other	Activity of a company

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
companies	array	
companyName*	string	Company name.
activities*	array	
companyVat	string	VAT number that identifies a company.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

NAME	TYPE	DESCRIPTION
activity	enum	**ALLOWED:** Port Authority, Harbour Master, Customs, Border Control Post (BCP), Immigration, Container Depot, Container Terminal, Container (CFS), General Cargo Terminal, Multi Purpose Terminal, Liquid Cargo Terminal, Bulk Cargo Terminal, Temperature Controlled Terminal, Dangerous Cargo Warehouse, Passenger Terminal, Inland Container Terminal, Liner Agent - Carrier, Railway Undertaking, Haulier, Barge Carrier, Freight Forwarder, Customs Broker, Stevedoring & Lashing, Tally, Ship Supplier, Nautic-technic, Tug, Mooring, Shipyards & Repair, Shipowner, Pilots, Research, Consulting, Port Community System - PCS, IT-Service, Insurance, Container Leasing, Railway Services, Railway Logistics Operator, Other Activity performed by a company or a governmental body. The following list include most of the activities and, if it is not included, `Other` must be selected: * `Port Authority` * `Harbour Master` * `Customs` * `Border Control Post (BCP)` * `Immigration` * `Container Depot` * `Container Terminal` * `Container (CFS)` * `General Cargo Terminal` * `Multi Purpose Terminal` * `Liquid Cargo Terminal` * `Bulk Cargo Terminal` * `Temperature Controlled Terminal` * `Dangerous Cargo Warehouse` * `Passenger Terminal` * `Inland Container Terminal` * `Liner Agent - Carrier` * `Railway Undertaking` * `Haulier` * `Barge Carrier` * `Freight Forwarder` * `Customs Broker` * `Stevedoring & Lashing` * `Tally` * `Ship Supplier` * `Nautic-technic` * `Tug` * `Mooring` * `Shipyards & Repair` * `Shipowner` * `Pilots` * `Research` * `Consulting` * `Port Community System - PCS` * `IT-Service` * `Insurance` * `Container Leasing` * `Railway Services` * `Railway Logistics Operator` * `Other`

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:** /([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.

NAME	TYPE	DESCRIPTION
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

9.2 GET /companiesByName

Get a company by its name or part of it without diacritics. At least three characters have to be included.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
searchTerm	string min:3 chars	Part of the name of the company without diacritics

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
companiesByName	array	
activities	array	
companyName	string	Company name.
email	string	email
phone	string	Phone number
website	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.
companyAddress	object	
city	string	
country	string	
streetAndNumber	string	
zipCode	string	
openingHours	object	
afternoon	string	
closed	boolean	

NAME	TYPE	DESCRIPTION
day	string	
forenoon	string	
afterHours	object	
email	string	
fax	string	
functionTitle	string	
gsm	string	
name	string	
phone	string	
companyVat	string	VAT number that identifies a company.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.
companyName	string	Company name.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

9.3 GET /companyByVat

Get a company by its VAT number.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
companyName	string	Vat number of the company

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
companyByVat	object	
activities	array	
companyName	string	Company name.
email	string	email
phone	string	Phone number
website	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.
companyAddress	object	
city	string	
country	string	
streetAndNumber	string	
zipCode	string	
openingHours	object	
afternoon	string	
closed	boolean	
day	string	
forenoon	string	
afterHours	object	
email	string	
fax	string	
functionTitle	string	
gsm	string	
name	string	
phone	string	
companyVat	string	VAT number that identifies a company.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.

NAME	TYPE	DESCRIPTION
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.
companyVat	string	VAT number that identifies a company.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

9.4 GET /companyActivities

Get a list of all the possible activities for a company or governmental body.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
companyActivities	array	
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.

NAME	TYPE	DESCRIPTION
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN**:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN**:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

10. PORT INFRASTRUCTURE

APIs related to the infrastructures of a port.

10.1 GET /portInfrastructure

Returns a list of basic data of the infrastructure of a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
portInfrastructure	array	
portName*	string	max:35 chars Port name.
portCode	string	max:5 chars UN/LOCODE code for a port.
portCoordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
totalPortArea	integer	The total area expressed in hectares (ha).
totalBerthLength	integer	Berth length expressed in meters (m).
totalCoveredWarehouses	integer	The total area of the covered warehouses in square meters.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		

NAME	TYPE	DESCRIPTION
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

10.2 GET /portGates

Information about the mainland port accesses.

This GET API returns the list of port gates from a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
portGates	array	
gateName	string	Gate name.
gateCoordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
flowDirection	enum	**ALLOWED:**outwards, inwards, both Flow direction (inwards, outwards) is determined by reference to the reporting port/terminal: "inwards" means "arriving at the port/terminal", "outwards" means "leaving the port/terminal". It is also possible to choose "both" directions.
vehicleTypes	enum	**ALLOWED:**Cars, Trucks, Both, Trains Type of vehicles from the point of view of their structural characteristics. * `Cars` * `Trucks` * `Both` - Trucks and cars * `Trains`

NAME	TYPE	DESCRIPTION
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

10.3 GET /berths

Information about the berths of a port

List of the berths from a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
berths	array	
berthCode	string	Code assigned to a berth of a port.
berthName	string	Berth name.
berthCoordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
berthLength	integer	Berth length expressed in meters (m).
berthDepth	number	Bathymetric information. Depth expessed in meters. It must be expressed with positive values.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

10.4 GET /portTerminals

Information about the maritime terminals of a port

List of the maritime terminals from a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
portTerminals	array	
terminalName*	string	Terminal name.
terminalCode	string	min:10 chars Port facility number. GISIS code assigned by IMO to a facility from a port.
totalArea	integer	The total area expressed in hectares (ha).
coveredWarehouses	integer	The total area of the covered warehouses in square meters.
terminalGates	array	
gateName	string	Gate name.
gateCoordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
flowDirection	enum	ALLOWED:outwards, inwards, both Flow direction (inwards, outwards) is determined by reference to the reporting port/terminal: "inwards" means "arriving at the port/terminal", "outwards" means "leaving the port/terminal". It is also possible to choose "both" directions.
vehicleTypes	enum	ALLOWED:Cars, Trucks, Both, Trains Type of vehicles from the point of view of their structural characteristics. * `Cars` * `Trucks` * `Both` - Trucks and cars * `Trains`
berths	array	
berthCode	string	Code assigned to a berth of a port.
berthName	string	Berth name.
berthCoordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
berthLength	integer	Berth length expressed in meters (m).
berthDepth	number	Bathymetric information. Depth expessed in meters. It must be expressed with positive values.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	

NAME	TYPE	DESCRIPTION
portCode	string	max:5 chars
		UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

10.5 GET /railTerminals

Information on all the rail terminals and loading tracks of a port

List of the rail terminals and loading tracks from a port. Rail facilities are caracterized because they have rail bundles of up to 10 rail tracks with lengths of a maximum of 800 meters per track. They are equipped to allow simultaneous batch exchanges (direct transshipment) through the use of rail-mounted gantry cranes that stretch over the rail bundles.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
railTerminals	array	
railTerminalName*	string	Name of a railway terminal.
railTerminalCode	string	Code that identifies a railway terminal.

NAME	TYPE	DESCRIPTION
freightType	enum	**ALLOWED:** Solid bulk, Liquid bulk, Roll-on / roll-off, Breakbulk, Containers Type of freight. * `Solid bulk` * `Liquid bulk` * `Roll-on / roll-off` * `Breakbulk` * `Containers`
coordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
railBundles	integer	The number of rail tracks in a facility.
trackMaximumLength	integer	The maximum length of a rail track of a facility, expressed in meters.
trackGauges	array	
gantryCranes	integer	THe number of gantry cranes of a facility.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	**max:5 chars** UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:** /([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:** /([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

10.6 GET /marineAids

Marine aids to navigation

List of port marks in a specific port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
portMarks	array	
markRegion	enum	ALLOWED: Region A, Region B Mark region, according to the IALA/AISM Maritime Buoyage System and Other Aids to Navigation. * In `Region A` red colour is used for port and green colour starboard. * In `Region B` green colour is used for port and red colour starboard.
markType*	enum	ALLOWED: Lateral Marks, Cardinal Marks, Isolated Danger Mark, Safe Waters Mark, Marking New Dangers, Other Marks Type of marks, according to the IALA/AISM Maritime Buoyage System and Other Aids to Navigation. * `Lateral Marks` * `Cardinal Marks` * `Isolated Danger Mark` * `Safe Waters Mark` * `Marking New Dangers` * `Other Marks`
markTop	string	The upper part of a mark. It can be one or two spheres, cilinders, cones or crosses.
markColour	string	Mark colour.
shapeOfBuoy	string	Distinctive shape for a mark identification.
markLight	object	
colour	enum	ALLOWED: white, red, green, yellow, yellow/blue Colour
rhythm	string	Rhythm of the light and dark periodes of a mark light.
coordinates*	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

10.7 GET /bathymetry

Bathymetric data from channels and berths.

Data from the regular hydrographic surveis that are being performed at ports.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
batymetry	array	
singularPoint	object	
ONE:OF	object	
OPTION:1	object	
berthCode	string	Code assigned to a berth of a port.
berthName	string	Berth name.
berthCoordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
berthLength	integer	Berth length expressed in meters (m).

NAME	TYPE	DESCRIPTION
berthDepth	number	Bathymetric information. Depth expessed in meters. It must be expressed with positive values.
OPTION:2	object	
code*	string	Code assigned to a port channel.
description	string	Channel name.
channelCoordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
underwaterDepth*	number	Bathymetric information. Depth expessed in meters. It must be expressed with positive values.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

11. PORT PROCEDURES

APIs related to the documentary procedures of a port.

11.1 GET /customsClearanceProcedures

Returns a resource where the procedures for clearing the goods in import can be found.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
customsClearanceProcedures	object	
customsClearanceDescription	enum	ALLOWED:All shipments of goods entering the European Union from third countries are subject to Customs controls. All goods may be subject to the presentation of several documents and payments, as the payment of Customs duties based on the content of the shipment, payment of national taxes (VAT) or local taxes where applicable, payment of special taxes on tobacco, alcohol, etc., the cost of processing of Single Administrative Document (SAD) for imports, the costs arising from border safety controls, depending on the nature of the shipment (sanitary, pharmaceutical, veterinary, etc.). As a part of the customs clearance process, customs can carry out documentary or physical inspections, and those can be carried out inside the cargo terminals, at the terminal yard or in a warehouse, but they can also inspect containers, platforms or trucks using a non-intrusive technology as an X-ray scanner. It is the recipient's responsibility to know the conditions for importing their shipment (prohibitions, restrictions, limitations, etc.) and to find out what documents may be required on arrival, including the commercial invoice, certificate of origin, licences and special authorisations for border controls, etc. Procedure description
customsClearanceUri*	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.

NAME	TYPE	DESCRIPTION
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

11.2 GET /borderInspectionProcedures

Returns a resource where the procedures for clearing the goods subject to controls from the border inspection services can be found.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
borderInspectionProcedures	object	
borderInspectionDescription	enum	**ALLOWED:** The border inspection post (BIP) is a controlled and authorised station for customs and sanitary controls of goods. Physical and documentary inspections are carried out at these posts as well as analysis of samples. A Border Control Post is an inspection post designated and approved in line with EU legislation for carrying out checks on animals and animal products arriving from third countries at a European Union border. These checks are carried out to protect animal and public health, and animal welfare. As a part of the border clearance process, border inspection services can carry out documentary or physical inspections, and those can be carried out inside the cargo terminals but usually the physical inspections are carried out at the Border Inspection Posts (BIP), where coexist several specific inspection areas as a designated point of import (DPI), a designated point of entry (DPE) or a border control post (BCP). It is the recipient's responsibility to know the conditions for importing their shipment (prohibitions, restrictions, limitations, etc.) and to find out what documents may be required on arrival, including the commercial invoice, certificate of origin, licences and special certifications for border controls, etc. Procedure description
borderInspectionUri*	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:** /([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN**:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

11.3 GET /vgmProcedures

Returns a resource where the verified gross mass (VGM) procedures can be found.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
vgmProcedures	object	

NAME	TYPE	DESCRIPTION
vgmProcedureDescription	enum	ALLOWED:As the International Maritime Organisation (IMO) declare: *"discrepancies between the declared gross mass and the actual gross mass of a packed container could have an adverse impact on the safety of the ship, seafarers and shore-side workers, by leading to incorrect vessel stowage decisions and potentially collapsed container stacks or loss of containers overboard"*. The IMO established a requirement that packed containers must be weighed to obtain their actual gross mass prior to vessel loading. This requirement is included in the Guidelines regarding the verified gross mass of a container carrying cargo (MSC.1/ Circ.1475) and the adoption of amendment to SOLAS regulation VI/2 requires the mandatory verification of the gross mass of packed containers (resolution MSC.380(94)). The aforementioned SOLAS amendments introduce two main new requirements: 1. the shipper is responsible for providing the verified weight by stating it in the shipping document and submitting it to the master or his representative and to the terminal representative sufficiently in advance to be used in the preparation of the ship stowage plan; and 2. the verified gross mass is a condition for loading a packed container onto a ship. A prerequisite for the container to be loaded onto a ship to which the SOLAS regulations apply is the availability of the verified gross mass of a packed container sufficiently in advance to the terminal representative and to the master or his representative to be used in the ship stowage plan. However, it does not constitute an entitlement for loading, because the master retains ultimate discretion in deciding whether to accept a packed container for loading onto his ship. The verification of the gross mass can be achieved by either of two methods: 1. weighing the packed container; or 2. weighing all packages and cargo items, including the mass of pallets, dunnage and other securing material to be packed in the container and adding the tare mass of the container to the sum of the single masses, using a certified method approved by the competent authority of the State in which packing of the container was completed. Procedure description
vgmProcedureUri*	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.

NAME	TYPE	DESCRIPTION
queryParams	object	
portCode	string max:5 chars	
		UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

11.4 GET /containerTareWeight

Returns the tare weight of a given container.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
containerNumber	string max:11 chars	Container number as is described in ISO6346.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
containerTareWeight	object	
containerNumber	string	max:11 chars
		Container number following the identification system described in clause 3 of the ISO6346:1995 standard.
equipmentTare*	integer	Tare of a unit of equipment, expressed in kilograms (kg).

NAME	TYPE	DESCRIPTION
iso6346	string	**max:4 chars** Size and type codes of a container, used as a whole. Size codes are determined by annex D of ISO 6346:1995 and type codes according to annex E of the same international standard.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
containerNumber	string	**max:11 chars** Container number following the identification system described in clause 3 of the ISO6346:1995 standard.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

11.5 GET /qualityCertificationProcedures

Returns a resource where the quality certification procedures from a port can be found.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
qualityCertificationProcedures	object	
qualityCertificationDescription	enum	ALLOWED: Several ports have developed own brands for their quality label schemas. There are some ports that every day manage the transportation of thousands of shipments. And the job of each port is to treat each one as it was the only one. To ensure that each shipment receives the treatment it deserves, some ports have created a quality brand that identifies the companies operating at that port that had adopted a commitment to efficiency the end customers with the utmost satisfaction. With this quality level the ports recognise and certify organisations involved and commited to the most rigorous standards of reliability. Procedure description
qualityCertificationUri*	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN: /([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN: /([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

11.6 GET /qualityCertifiedPartners

List of companies that have been certified by the quality seal managers of a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
qualityCertifiedPartners	array	
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

11.7 GET /partnerActivities

List of possible activities of a partner.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
partnerActivities	array	
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

11.8 GET /pickupProcedures

Returns a resource, where the procedures for pick-up containers from the terminal and deliver the empty container to the depot, can be found.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
pickupProcedures	object	
pickupProcedureDescription	enum	ALLOWED:Container traffic has a big economic impact in ports and the area that they serve. Logistic operators need to know the procedures that they have to follow for pick-up containes from a port. In this domain are included some APIs related with the information exchanged using the EDI messages for land operations with full and empty containers. Procedure description
pickupProcedureUri*	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

11.9 GET /deliveryProcedures

Returns a resource, where the procedures for pick-up empty containers from the depot and deliver full containers to the terminal, can be found.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
deliveryProcedures	object	
deliveryProcedureDescription	enum	**ALLOWED:**Container traffic has a big economic impact in ports and the area that they serve. Logistic operators need to know the procedures that they have to follow for delivery containes to a port. In this domain are included some APIs related with the information exchanged using the EDI messages for land operations with full and empty containers. Procedure description
deliveryProcedureUri*	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	

NAME	TYPE	DESCRIPTION
portCode	string	max:5 chars
		UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

11.10 GET /approachInstructions

Returns a resource where basic information for the approach of the vessels to a port can be found.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
approachInstructions	object	

NAME	TYPE	DESCRIPTION
approachInstructionsDescription	enum	ALLOWED: The purpose of this procedure is to regulate the management of maritime traffic in the waters of the service area of a Port. This shall be achieved, on the one hand, by setting standards and general technical criteria governing the system of navigation in the port waters, providing general services, and management and control mechanisms to facilitate the proper planning and supervision of maritime operations; and on the other hand, by implementing the route the ship and reporting system in the approaches of the port to achieve a safer and more efficient port access traffic flows Procedure description
approachInstructionsUri*	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN: /([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN: /([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

12. PORT SERVICES

APIs related to the port services from a port.

12.1 GET /shipServices

Returns a list of port services that can be ordered for a ship. Eg. bunkering, marpol, mooring, pilots, tugs,...

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
shipServiceType	enum ALLOWED: Stevedoring & Lashing, Tally, Ship Supplier, Nautic-technic, Tug, Mooring	Type of ship service.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
shipServices	array	
shipService*	enum	ALLOWED: Stevedoring & Lashing, Tally, Ship Supplier, Nautic-technic, Tug, Mooring Type of ship service.
companyName	string	Company name.
contactInfo	string	email or phone
servedShipTypes	array	
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.
shipServiceType	enum	ALLOWED: Stevedoring & Lashing, Tally, Ship Supplier, Nautic-technic, Tug, Mooring Type of ship service.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		

NAME	TYPE	DESCRIPTION
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

12.2 GET /serviceTypes

Returns a list of different service types that are offered in a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
activities	array	
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

13. RAIL TRANSPORT

APIs related to the flow of trains and cargo by rail in a port.

13.1 GET /railConnections

Returns a list of rail connections from a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
railConnections	array	
railService	string	Code that identifies a rail service.
railwayStationNearestCity	string	Name of the nearest city to a railway station.
railTerminalLocode	string	UN/LOCODE code of a rail terminal.
railTerminalCode	string	Code that identifies a railway terminal.
railTerminalName	string	Name of a railway terminal.
railDirection	enum	**ALLOWED:**UP, DOWN The direction of a train: * `UP` - Up or inbound is used for trains that are coming to a port. * `DOWN` - Down or outbound is used for trains that are leaving a port.
railLogisticServiceProvider	string	Name of the Rail Logistic Service Provider
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.

NAME	TYPE	DESCRIPTION
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

13.2 GET /railInlandTerminals

Returns the list of the inland terminals served by rail from a port.

This GET API returns the list of the inland terminals served by rail from a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
inlandTerminals	array	
locode	string	max:5 chars Code for identifying a location as specified in the UN/ECE Recommendation n°16 (UN/LOCODE)
railTerminalCode	string	Code that identifies a railway terminal.
railTerminalName	string	Name of a railway terminal.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

13.3 GET /railwayUndertakings

List of the railway undertaking companies that operate in one port.

Returns a list of the rail undertaking companies that operate in a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
railUndertakings	array	
companyName*	string	Company name.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	

NAME	TYPE	DESCRIPTION
portCode	string	max:5 chars
		UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

13.4 GET /railLogisticServiceProviders

List of the rail logistic service providers that operate in one port.

Returns a list of the rail logistic service providers that operate in a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
railLogisticServiceProviders	array	
companyName*	string	Company name.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.

NAME	TYPE	DESCRIPTION
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

13.5 GET /trainArrivals

Returns a list of trains that have arrived or will arrive today at a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
trainArrivals	array	

NAME	TYPE	DESCRIPTION
trainType*	enum	`max:35 chars`
		ALLOWED:`Containers, Vehicles, Bulk, Tanker`
		Train type. The value is one of the following enumeration:
		* `Containers`General cargo vesselVessel designed to carry general cargo.
		* `Vehicles`Unit carrierVessel designed to carry unit loads
		* `Bulk`Bulk carrierVessel designed to carry bulk cargo.
		* `Tanker`TankerVessel solely equipped with tanks to carry cargo.
placeOfDeparture*	object	
placeOfDestination*	object	
estimatedTimeOfArrival*	string	PATTERN:`date-time`
		The date and time the means of transport is estimated to arrive at a specified location (ETA), in ISO 8601 Date format.
actualTimeOfArrival	string	The date and time the means of transport arrives at a specified location (ATA), in ISO 8601 Date format.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	`max:5 chars`
		UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:`/([1-5][0-9]{2})/`
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:`/([1-5][0-9]{2})/`
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

13.6 GET /trainDepartures

Returns a list of trains that have departed or will depart today from a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
trainDepartures	array	
trainType*	enum	max:35 chars **ALLOWED:**Containers, Vehicles, Bulk, Tanker Train type. The value is one of the following enumeration: * `Containers`General cargo vesselVessel designed to carry general cargo. * `Vehicles`Unit carrierVessel designed to carry unit loads * `Bulk`Bulk carrierVessel designed to carry bulk cargo. * `Tanker`TankerVessel solely equipped with tanks to carry cargo.
placeOfDeparture*	object	
placeOfDestination*	object	
estimatedTimeOfDeparture*	string	The date and time the means of transport is estimated to depart from a specified location (ETD), in ISO 8601 Date format.
actualTimeOfDeparture	string	The date and time the means of transport departs from a specified location (ATD), in ISO 8601 Date format.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		

NAME	TYPE	DESCRIPTION
code*	string	**PATTERN:**`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

code*	string	**PATTERN:**`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

14. RATES AND FEES

APIs related to the port rates and fees.

14.1 GET /portRatesAndFees

Returns the URL of the website where rates and fees from a port are published.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
portRatesAndFees	array	
ratesAndFeesUrl	string	Uniform Resource Identifier (URI). A unique sequence of characters that identifies a logical or physical resource used by web technologies.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		

NAME	TYPE	DESCRIPTION
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

15. STATISTICS

APIs related to statistics from a port.

15.1 GET /basicTrafficStatistics

Statistical information from the carriage of goods and passengers by seagoing vessels calling at ports.

Statistical information from the carriage of goods and passengers by seagoing vessels calling at ports.
It is based on the definitions and classifications as included in the Directive 2009/42/EC of the European Parliament and of the Council of 6 May 2009 on statistical returns in respect of carriage of goods and passenger by sea and later amendments.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
basicTrafficStatistics	array	
dataset*	object	
year*	integer	Year.
quarter*	enum	**ALLOWED:**1, 2, 3, 4 Quarter.
reportingPort*	string	max:5 chars Port that provides some information. Use port UN/LOCODE.
flowDirection	enum	**ALLOWED:**outwards, inwards, both Flow direction (inwards, outwards) is determined by reference to the reporting port/terminal: "inwards" means "arriving at the port/terminal", "outwards" means "leaving the port/terminal". It is also possible to choose "both" directions.
portLoadingUnloading	string	max:5 chars For a vessel that operates in a port, port where the cargo was loaded (port of loading) or where it will be unloaded (port of unloading). Use port UN/LOCODE.
coastalArea	string	max:4 chars A contiguous stretch of coastline, together with islands offshore as it is defined by Eurostat in Annex VI from Directive 2009/42/EC of the European Parliament and of the Council.

NAME	TYPE	DESCRIPTION
typeOfCargo	enum	max:2 chars ALLOWED:1X, 11, 12, 13, 19, 2X, 21, 22, 23, 29, 3X, 31, 32, 33, 34, 5X, 51, 52, 53, 54, 56, 59, 6X, 61, 62, 64, 65, 66, 69, 9X, 91, 92, 99, RX, R1, R2, R3, R4 2-character code of type of cargo, as defined in annex II from Directive 2009/42/EC of the European Parliament and of the Council. * `1X` Liquid bulk goods (no cargo unit) * `11` Liquefied gas * `12`Crude oil * `13`Oil products * `19`Other liquid bulk goods * `2X`Dry bulk goods (no cargo unit) * `21`Ores * `22`Coal * `23`Agricultural products (e.g. grain, soya, tapioca) * `29`Other dry bulk goods * `3X`Large containers * `31`20 ft freight units * `32`40 ft freight units * `33`Freight units > 20 ft and < 40 ft * `34`Freight units > 40 ft * `5X`Mobile self-propelled units * `51`Road goods vehicles and accompanying trailers * `52`Passenger cars, motorcycles and accompanying trailers/caravans * `53`Passenger buses * `54`Trade vehicles (including import/export motor vehicles) * `56`Live animals on the hoof * `59`Other mobile self-propelled units * `6X`Mobile non-self-propelled units * `61`Unaccompanied road goods trailers and semitrailers * `62`Unaccompanied caravans and other road, agricultural and industrial vehicles * `64`Rail wagons engaged in goods transport * `65`Shipborne port-to-port trailers engaged in goods transport * `66`Shipborne barges engaged in goods transport * `69`Other mobile non-self-propelled units * `9X`Other cargo, not elsewhere specified * `91`Forestry products * `92`Iron and steel products * `99`Other general cargo * `RX`Large Ro-Ro containers * `R1`20 ft freight units * `R2`40 ft freight units X * `R3`Freight units > 20 ft and < 40 ft * `R4`Freight units > 40 ft
commodity	enum	max:2 chars ALLOWED:01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 NST2007 code. * `01`Products of agriculture, hunting, and forestry; fish and other fishing products * `02`Coal and lignite; crude petroleum and natural gas * `03`Metal ores and other mining and quarrying products; peat; uranium and thorium * `04`Food products, beverages and tobacco * `05`Textiles and textile products; leather and leather products * `06`Wood and products of wood and cork (except furniture); articles of straw and plaiting materials; pulp, paper and paper products; printed matter and recorded media * `07`Coke and refined petroleum products * `08`Chemicals, chemical products, and man-made fibers; rubber and plastic products; nuclear fuel * `09`Other non metallic mineral products * `10` Basic metals; fabricated metal products, except machinery and equipment * `11`Machinery and equipment n.e.c.; office machinery and computers; electrical machinery and apparatus n.e.c.; radio, television and communication equipment and apparatus; medical, precision and optical instruments; watches and clocks * `12`Transport equipment * `13`Furniture; other manufactured goods n.e.c. * `14`Secondary raw materials; municipal wastes and other wastes * `15`Mail, parcels * `16`Equipment and material utilized in the transport of goods * `17`Goods moved in the course of household and office removals; baggage and articles accompanying travellers; motor vehicles being moved for repair; other non market goods n.e.c. * `18` Grouped goods: a mixture of types of goods which are transported together * `19`Unidentifiable goods: goods which for any reason cannot be identified and therefore cannot be assigned to groups 01-16 * `20`Other goods n.e.c.
grossWeightOfGoods	integer	Gross weight, expressed in metric tonnes.
unitsTotal	integer	The number of units (containers, intermodal transport units -ITU-, vehicles, vessels...).
unitsEmpty	integer	The number of units (containers, intermodal transport units -ITU-, vehicles, vessels...).
ferryPassengers	integer	The number of passengers.
cruisePassengers	integer	The number of passengers.

NAME	TYPE	DESCRIPTION
vesselType	enum	`max:2 chars` **ALLOWED:**`10, 20, 31, 32, 33, 34, 35, 36, 41, 42, 43, 49, XX` The type of the ship. The value is populated using the 2-character code from Annex VI from DIRECTIVE 2009/42/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 6 May 2009 on statistical returns in respect of the carriage of goods and passengers by sea. * `10` Liquid bulk (Oil tanker, Chemical tanker, LG tanker, Tanker barge, Other tanker) * `20` Dry bulk (Bulk/oil carrier, Bulk carrier) * `31` Container (Full container) * `32` Specialised (Barge carrier, Chemical carrier, Irradiated fuel, Livestock carrier, Vehicle carrier, Other specialised) * `33` General cargo, non-specialised (Reefer, Ro-ro passenger, Ro-ro container, Other ro-ro cargo,Combination carrier general cargo/passenger, Combination carrier general cargo/container, Single-decker, Multi-decker) * `34` Dry cargo barge (Deck barge, Hopper barge, Lash-seabee barge, Open dry cargo barge, Covered dry cargo barge, Other dry cargo barge nes) * `35` Passenger (Passenger, excluding cruise passengers) * `36` Cruise Passenger (Cruise ships only) * `41` Fishing (Fish catching, Fish processing) * `42` Offshore activities (Drilling and exploration, Offshore support) * `43` Tugs (Tugs, Pusher craft) * `49` Miscellaneous Dredgers (Research/survey, Other vessel nes) * `XX` Unknown Unknown type of vessel
vesselNationality	string	`max:4 chars` The code used for the Nationality of registration consists of four digit, the ISO3166 alpha 2 code for each country, followed by 2 zeros except for countries with more than one register exists, which are identified by a fourth digit other than zero (from 1 to 4). Codes are in annex V from Directive 2009/42/EC of the European Parliament and of the Council.
vessels	integer	The number of units (containers, intermodal transport units -ITU-, vehicles, vessels...).
vesselDwt	integer	The deadweight (DWT) of a ship is the difference in tonnes between the displacement of a ship on the summer load line in the water with a specific gravity of 1.025 and the total weight of the ship.
vesselGt	integer	Gross tonnage (GT) is a measure of the overall size of a ship determined by the provisions of the International Convention on Tonnage Measurement of Ships (1969). It is calculated as a function of the moulded volume of all enclosed spaces of the ship.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	`max:5 chars` UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:** /([1-5][0-9]{2})/ HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

15.2 GET /basicEconomicStatistics

Statistical information from some economical parameters from a port.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
basicEconomicData	array	
year*	integer	Year.
reportingPort*	string	**max:5 chars** Port that provides some information. Use port UN/LOCODE.
currency	string	3-character ISO4217 alpha code for the representation of currencies.
netProffit	integer	Net proffit. The value is expressed in thousands (x1000) of a given currency.
operatingProffit	integer	Operating proffit. The value is expressed in thousands (x1000) of a given currency.
financialResult	integer	Financial result. The value is expressed in thousands (x1000) of a given currency.
netTurnover	integer	Net turnover. The value is expressed in thousands (x1000) of a given currency.
ebitda	integer	Earnings before interest, tax, depreciation and amortisation. The value is expressed in thousands (x1000) of a given currency.
cashFlow	integer	Cash flow. The value is expressed in thousands (x1000) of a given currency.
investments	integer	Investments. The value is expressed in thousands (x1000) of a given currency.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	

NAME	TYPE	DESCRIPTION
portCode	string	max:5 chars
		UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

15.3 GET /typesOfCargo

Returns a list of types of cargo.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
typesOfCargo	array	
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.

NAME	TYPE	DESCRIPTION
queryParams	object	
portCode	string	max:5 chars
		UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN**:/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN**:/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

15.4 GET /commoditiesList

Returns a list of types of commodities.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
commoditiesList	array	
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.

NAME	TYPE	DESCRIPTION
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars
		UN/LOCODE code for a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

16. TERMINAL PERFORMANCE

APIs related to the terminal performance of a port.

16.1 GET /accessWaitTime

Estimated waiting time that trucks have to queue before they can enter a terminal.
Returns a list with the estimated waiting time that trucks have to queue before they can enter a terminal.

`Parameters`: Port Code and Terminal identifier

`Returns`: Wait time of gtrucks to get intro terminals

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
terminal	string min:10 chars	Code that identifies a terminal.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
accessWaitTime	array	
terminalCode*	string	min:10 chars Port facility number. GISIS code assigned by IMO to a facility from a port.
waitTime	integer	>=0 Wait time, expressed in minutes.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars UN/LOCODE code for a port.
terminalCode	string	min:10 chars Port facility number. GISIS code assigned by IMO to a facility from a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

16.2 GET /landsideThroughput

The number of units (containers, freight cars,...) that enter or leave a terminal per hour during the present day.

Returns a list with the number of units (containers, freight cars,...) that enter or leave a terminal per hour during the present day.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
terminal	string min:10 chars	Code that identifies a terminal.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
landsideThroughput	array	
terminalCode*	string	min:10 chars
		Port facility number. GISIS code assigned by IMO to a facility from a port.
flowDirection	enum	**ALLOWED:**outwards, inwards, both
		Flow direction (inwards, outwards) is determined by reference to the reporting port/terminal: "inwards" means "arriving at the port/terminal", "outwards" means "leaving the port/terminal". It is also possible to choose "both" directions.
hourReported	integer	between 0 and 23
		Hour expressed in a 24 hours format and represents the period between hh:00:00 and hh:59:59

NAME	TYPE	DESCRIPTION
throughput	integer	>=0
		Throughput.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars
		UN/LOCODE code for a port.
terminalCode	string	min:10 chars
		Port facility number. GISIS code assigned by IMO to a facility from a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:**/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

16.3 GET /seasideThroughput

Returns the number of containers loaded or unloaded from vessels on a terminal per hour and during the present day.

eturns the number of containers loaded or unloaded from vessels on a terminal per hour and during the present day.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
terminal	string min:10 chars	Code that identifies a terminal.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
accessTime	array	
terminalCode*	string	min:10 chars
		Port facility number. GISIS code assigned by IMO to a facility from a port.
flowDirection	enum	ALLOWED:outwards, inwards, both
		Flow direction (inwards, outwards) is determined by reference to the reporting port/terminal: "inwards" means "arriving at the port/terminal", "outwards" means "leaving the port/terminal". It is also possible to choose "both" directions.
hourReported	integer	between 0 and 23
		Hour expressed in a 24 hours format and represents the period between hh:00:00 and hh:59:59
throughput	integer	>=0
		Throughput.
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars
		UN/LOCODE code for a port.
terminalCode	string	min:10 chars
		Port facility number. GISIS code assigned by IMO to a facility from a port.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	PATTERN:/([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

17. VEHICLE TRAFFIC

APIs related to the documentary procedures of a port.

17.1 GET /trafficFlowObserved

The number of vehicles entering or leaving a port or a terminal through a certain gate and in each period. And segregation of this data by type of vehicles.

Returns the number of vehicles entering or leaving a port or a terminal through a certain gate and in a given period of time. And segregation of this data by type of vehicles.

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
portCode	string max:5 chars	Port UN/LOCODE. Default value is Locode of Port what provides the services.
vehicleTypes	enum **ALLOWED:** Cars, Trucks, Both, Trains	Type of vehicle from the point of view of its structural characteristics.
portGate	undefined	Access gate
flowDirection	enum **ALLOWED:** outwards, inwards, both	Flow direction.

RESPONSE

STATUS CODE - 200: Successful operation

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
trafficFlowObserved	array	
portCode	string	max:5 chars UN/LOCODE code for a port.
vehicleTypes	enum	**ALLOWED:** Cars, Trucks, Both, Trains Type of vehicles from the point of view of their structural characteristics. * `Cars` * `Trucks` * `Both` - Trucks and cars * `Trains`
portGate	object	
gateName	string	Gate name.
gateCoordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
flowDirection	enum	**ALLOWED:** outwards, inwards, both Flow direction (inwards, outwards) is determined by reference to the reporting port/terminal: "inwards" means "arriving at the port/terminal", "outwards" means "leaving the port/terminal". It is also possible to choose "both" directions.

NAME	TYPE	DESCRIPTION
vehicleTypes	enum	**ALLOWED:** Cars, Trucks, Both, Trains
		Type of vehicles from the point of view of their structural characteristics. * `Cars` * `Trucks` * `Both` - Trucks and cars * `Trains`
vehicleTraffic*	integer	The number of units (containers, intermodal transport units -ITU-, vehicles, vessels...).
metadata	object	
requestId	string	The unique identifier of the request. Include this as a reference when reporting issues.
dateCreated	string	Entity creation timestamp. This will usually be allocated by the storage platform.
dateModified	string	Timestamp of the last modification of the entity. This will usually be allocated by the storage platform.
dateRetrieved	string	The date and time the information was retrieved in ISO8601 UTC format.
queryParams	object	
portCode	string	max:5 chars
		UN/LOCODE code for a port.
vehicleTypes	enum	**ALLOWED:** Cars, Trucks, Both, Trains
		Type of vehicles from the point of view of their structural characteristics. * `Cars` * `Trucks` * `Both` - Trucks and cars * `Trains`
portGate	object	
gateName	string	Gate name.
gateCoordinates	object	
latitude	number	Latitude of a point.
longitude	number	Longitude of a point
flowDirection	enum	**ALLOWED:** outwards, inwards, both
		Flow direction (inwards, outwards) is determined by reference to the reporting port/terminal: "inwards" means "arriving at the port/terminal", "outwards" means "leaving the port/terminal". It is also possible to choose "both" directions.
vehicleTypes	enum	**ALLOWED:** Cars, Trucks, Both, Trains
		Type of vehicles from the point of view of their structural characteristics. * `Cars` * `Trucks` * `Both` - Trucks and cars * `Trains`
flowDirection	enum	**ALLOWED:** outwards, inwards, both
		Flow direction (inwards, outwards) is determined by reference to the reporting port/terminal: "inwards" means "arriving at the port/terminal", "outwards" means "leaving the port/terminal". It is also possible to choose "both" directions.

STATUS CODE - 400: Bad request

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN:** /([1-5][0-9]{2})/
		HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

STATUS CODE - 404: Not found

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN**:`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.
message*	string	Error description.
timestamp	string	Timestamp of error ocurrence.

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
code*	string	**PATTERN**:`/([1-5][0-9]{2})/` HTML response status code.
messageCode	string	Code error description.