GET Route Endpoint

GET **route/**

Use the GET request with the minimum number of parameters to get any route worldwide.

Response Example 📋

Load examples

Large examples are not rendered by default.

Request

> Security: API Key

Query Parameters

avoid_eca_factor number

By default, routes pass the shortes way through any ECA zones. To avoid ECA, a factor between 1-5 can be entered, where 1 is no avoidance and 5

is maximum avoidance. Recommended value for achieving a good avoidance is as low as `1.3` .

Default: `1`

Examples: `1.3`

avoid_hra_factor number

By default, routes pass the shortes way through any HRA zones. To avoid HRA, a factor between 1-5 can be entered, where 1 is no avoidance and 5 is maximum avoidance. Recommended value for achieving a good avoidance is `2` .

Default: `1`

Examples: `2`

avoid_ice_factor number

By default, routes pass the shortes way through any ice areas. To avoid ice, a factor between 1-5 can be entered, where 1 is no avoidance and 5 is maximum avoidance. Recommended value is `5` .

Default: `1`

Examples: `5`

block_area array[string]

Gives you the possibilty to block specific areas. You can add several areas in the block_area

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parameter seperating the areas by a semicolon (;). Radius is given in meters. The format of one block area is: `[longitude,latitude,radius]` .
The format of several block areas is: `[longitude,latitude,radius;longitude,latitude,radius]` .

Examples: `55.528 63,9.728 39,100 0;55.5 659 22,1 0.8 65 4,5 00 00`

block_cc boolean

By default, routes will go via the Corinth Canal if this is the shortest option. To block the Corinth Canal and force routing around it, set this parameter to `true` .

Default: `false`

Examples: `false`

block_kc boolean

By default, routes will go via the Kiel Canal if this is the shortest option. To block the Kiel Canal and force routing around it, set this

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parameter to `true` .

Default: `false`

Examples: `false`

block_ne boolean

By default, routes will go via the North East Passage if this is the shortest option. To block the North East Passage and force routing around it, set this parameter to `true` .

Default: `false`

Examples: `true`

block_nw boolean

By default, routes will go via the North West Passage if this is the shortest option. To block the North West Passage and force routing around it, set this parameter to `true` .

Default: `false`

Examples: `true`

block_pc boolean

By default, routes will go via the Panama Canal if this is the shortest option. To block the Panama Canal and force routing around it, set this parameter to `true` .

Default: `false`

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Examples: `true`

block_sc boolean

By default, routes will go via the Suez Canal if this is the shortest option. To block the Suez Canal and force routing around it, set this parameter to `true`.

Default: `false`

Examples: `false`

block_ts boolean

By default, routes will go via the Torres Strait if this is the shortest option. To block the Torres Strait and force routing around it, set this parameter to `true`.

Default: `false`

Examples: `false`

point array[string] required

The points for which the route should be calculated. Format: `[latitude,longitude]`. Specify at least an origin and a destination. Via points are possible.

Examples: `33.75166, -118.270864`

Body   application/json ∨

Responses

Routing
Result

Body   application/json ∨

responses / 200

∨ **info** object

  copyrights array[string]

  took integer

∨ **paths** array[object]

  distance number<double>

  bbox array[number<double>]
  The
  bounding
  box of
  the
  route
  geometry.
  Format:
  `[minLon,`
  `minLat,`
  `maxLon,`
  `maxLat]` .

  › **points** object
    The
    geometry
    of the
    route.

  › **details** object

Dataløy

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