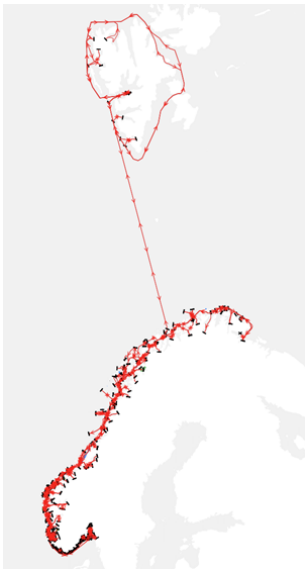


# Product sheet: Reference routes for navigation

## DESCRIPTION



The reference routes for Navigation are recommendations from the Norwegian Coastal Administration (NCA) to support voyage planning based on our best practice. The routes are not binding and they shall not replace any required navigational aids or navigation duties, including the rules at sea (COLREG) and standards regarding voyage planning and watchkeeping. The routes shall not cause any change in responsibilities for the captain or officer in charge for safe navigation and maneuvering of his vessel. The main category of reference routes are developed for a maximum ship dimension of 150m LOA and 9m draught or less. Some routes included are for ships of even smaller maximum dimensions due to local limitations. Other categories of routes can be included. When using reference routes for route planning please confer relevant regulations and navigational charts for actual maximum vessel dimensions of the specific route. The NCA will keep routes updated regularly. See more about use of the reference routes for navigation in NCA's service 'www.Routeinfo.no'.

## PURPOSE / AREA OF USE

The reference routes purpose is to make the navigator's route planning easier and less time-consuming, to reduce the risk of unfortunate route choices, and to better sort which information is relevant for ships visiting Norwegian ports.

The route will be a reference route for planning the voyage, but must be adapted to the vessel and the voyage. The routes are quality-assured for vessels up to 150 meters in length and nine meters in depth, with some exceptions.

## OWNER/ CONTACT PERSON

Norwegian Coastal Administration

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## DATASET RESOLUTION

**Accuracy (meter):** 10

## EXTENT INFORMATION

[Coverage area](#)

## SOURCES AND METHOD

Reference routes for navigation are established as a support for ships navigating in Norwegian waters. The reference routes are quality-assured by the Norwegian Coastal Administration's pilotage service, Vessel Traffic Service (VTS), Aids to Navigation Service and Pilot Exemption Certificate Unit. The route's depths data are also checked by the Norwegian Mapping Authority's Sea Division. Routes are checked and updated on a yearly basis.

## UPDATE

Continuous

**Status**

Continuously updated

## DELIVERY DESCRIPTION

**Format (versjon)**

JSON

**Access restrictions**

Open data

License: [Norwegian license for public data \(NLOD\) 2.0](#)

Service: [REST API](#):

<https://a3cloud.kystverket.no/api/docs/swagger/ui/index?version=Kystverket#/Kystverket47RouteInfo47RtzV2>

### OBJECT TYPE LIST

- See REST API for information about object type

### ATTRIBUTE LIST

- See REST API for information about attributes

### LINKS

[Link to metadata in Geonorge](#)

[Link to product page](#)