

# Benchmarking Marine Motion Planning

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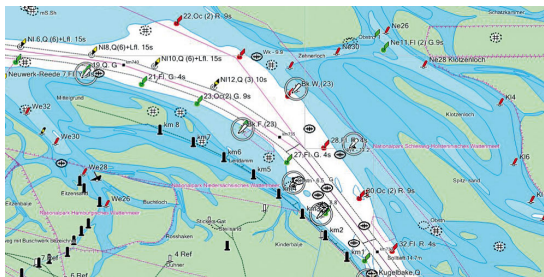
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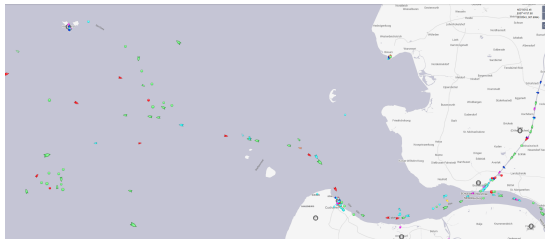
# Maritime Traffic Scenario

## Components:

- Multiple types of dynamic obstacles, e.g., sailing boat, or ferry
- Areas of different water depths and land areas
- Traffic signs, e.g., buoys, and lighthouses
- Initial state and goal area



# Maritime Traffic Scenario



- AIS (automatic identification system) data can provide information about vessels
- Information usually includes position, speed, destination, length of vessel etc.

# Task

## Goal

Maritime traffic scenarios for benchmarking different motion planning approaches

- Develop a representation
- Generate example scenarios from AIS data
- Implement a motion planner for vessels
- Programming language: Python

**Interested? Feel free to contact me!**

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