



Copernicus Marine: a «one-stop-shop» data facilitator for marine management and operations

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Photo: ESA/Copernicus



Copernicus is the European Earth Observation infrastructure. As partners in the Cordinet project (Horizon 2020) we focus on promoting and facilitating Copernicus Marine observations, particularly in the High North. Copernicus Marine is a “one-stop-shop” providing freely available operational data on the state of the marine environment for use by marine managers, advisors, and scientists, as well as intermediate and end users in marine businesses and operations. The Copernicus Marine offers operationally updated and state-of-the-art products that are well documented and transparent. The European Commission’s long-term commitment to the Copernicus program offers long-term visibility and stability of the Copernicus Marine products. Furthermore, Copernicus Marine offers a dedicated service desk, in addition to training sessions and workshops.

The service addresses four segments:

- Coastal and marine environment
- Marine resources
- Marine safety
- Weather, climate, and seasonal forecasting

Some examples of users:

- Ship-routing in ice-covered areas
- Support to seismic ship operations
- Ice information service
- Monitoring potential oil spills
- Predicting man-overboard drift trajectories

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