Weather & Ocean Data Revolution for the Maritime industry.
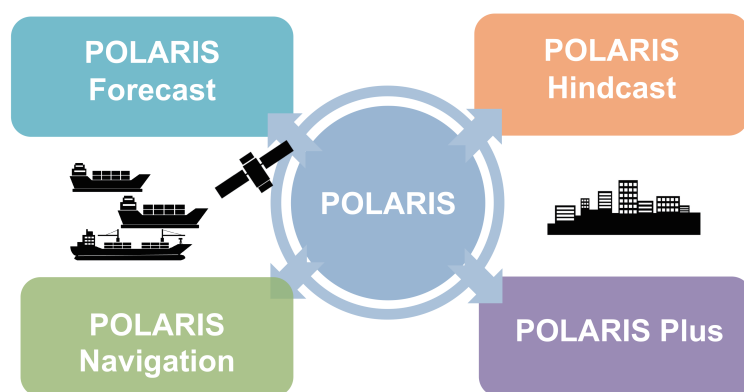
POLARIS

Precise **O**cean data **L**ibr**AR**y and **I**ntelligent **S**ervice

Realize "Valuable vessels" by weather and ocean data

[OCEAN]   [COAST]   [PORT]   [OFFICE]   [OCEAN]   [COAST]

"SERVICE MENU of POLARIS"

POLARIS Forecast

POLARIS Hindcast

POLARIS

POLARIS Navigation

POLARIS Plus

Japan Weather Association started a new service: **POLARIS** .

Meteorological and oceanographic data is essential and used in a wide range of fields: such as the assessment of efficient ship operation and its design, safe and energy saving voyage, verification and assessment after voyage, and also working on IoS (IoT of ships).

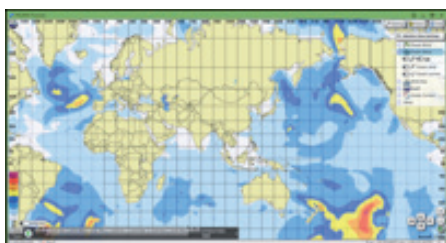We will support these fields with our POLARIS services. For the new business in the maritime cluster, we are able to provide data by Web API.

POLARIS Forecast

POLARIS Forecast provides various kinds of weather and ocean forecast data on board. You could download the application on your PC. It also covers spot-use.
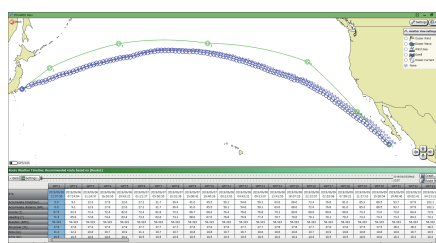*Global forecasts are up to 30 days.
*We could provide more accurate data for the oceans near Japan.
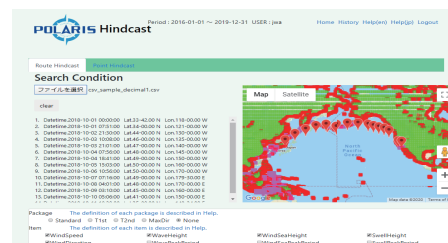

POLARIS Navigation

POLARIS Navigation provides various kinds of weather and ocean forecast data and optimum route information on board. Same as POLARIS Forecast, you could download the application on your PC. It also supports import and export of route information with ECDIS.

POLARIS Hindcast "Re-analysis data"

POLARIS Hindcast provides various kinds of weather and ocean data associated by the ship's track via Web API. The minimum time interval of this data is 10 minutes, and the shortest distance interval is about 20m. This global data could contribute to improve the fuel and operational efficiency of vessels.

ℹ️ All of the POLARIS services could be linked to existing systems, access directly to Web APIs, or use only for the engine. Please contact us for any questions.

Precise Ocean data LibrARy and Intelligent Service