

No.  
31



# Japan Weather Association

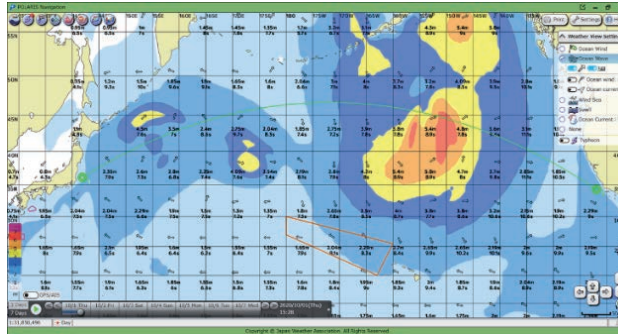
<https://www.jwa.or.jp/english/>

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Tel : +81-3-5958-8143 / E-mail : wavedata@jwa.or.jp

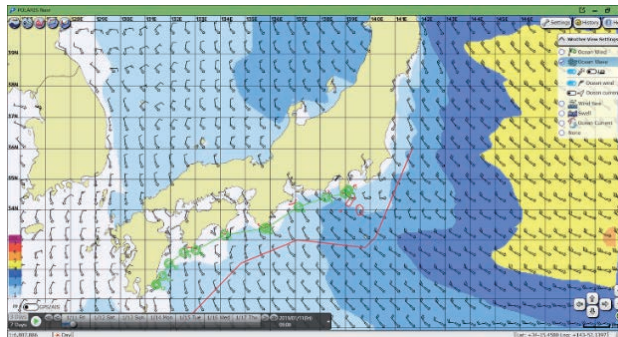
AHTS	PSV	FPSO	Drill Ship	Semi-sub
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## Product

### POLARIS Forecast



### POLARIS Navigation



POLARIS Forecast provides various kinds of weather and ocean forecast data to operate ships safely and efficiently.

You could receive global forecasts up to 30 day.

You could download the application on your PC.

It also covers spot-use.

POLARIS Navigation provides various kinds of weather and ocean forecast data and optimum route information on board.

You could operate ships safely and efficiently and reduce CO2 emissions through energy saving voyages.

Same as POLARIS Forecast, you could download the application on your PC.

It also supports import and export of route information with Electronic Chart Display and Information Systems ( ECDIS ).

## After-sales service

### Japan Weather Association

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## Record

We launched POLARIS Forecast and Navigation services this year.

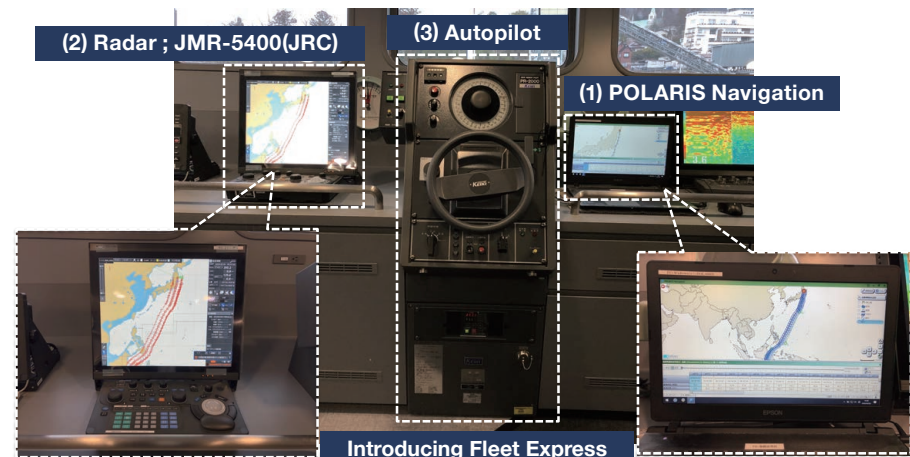
Several merchant vessels have already been using our services.

## Usage case of POLARIS Navigation



- Bridge -

Optimum route is calculated in (1), shared in (2), and output in (3).



Introducing Fleet Express