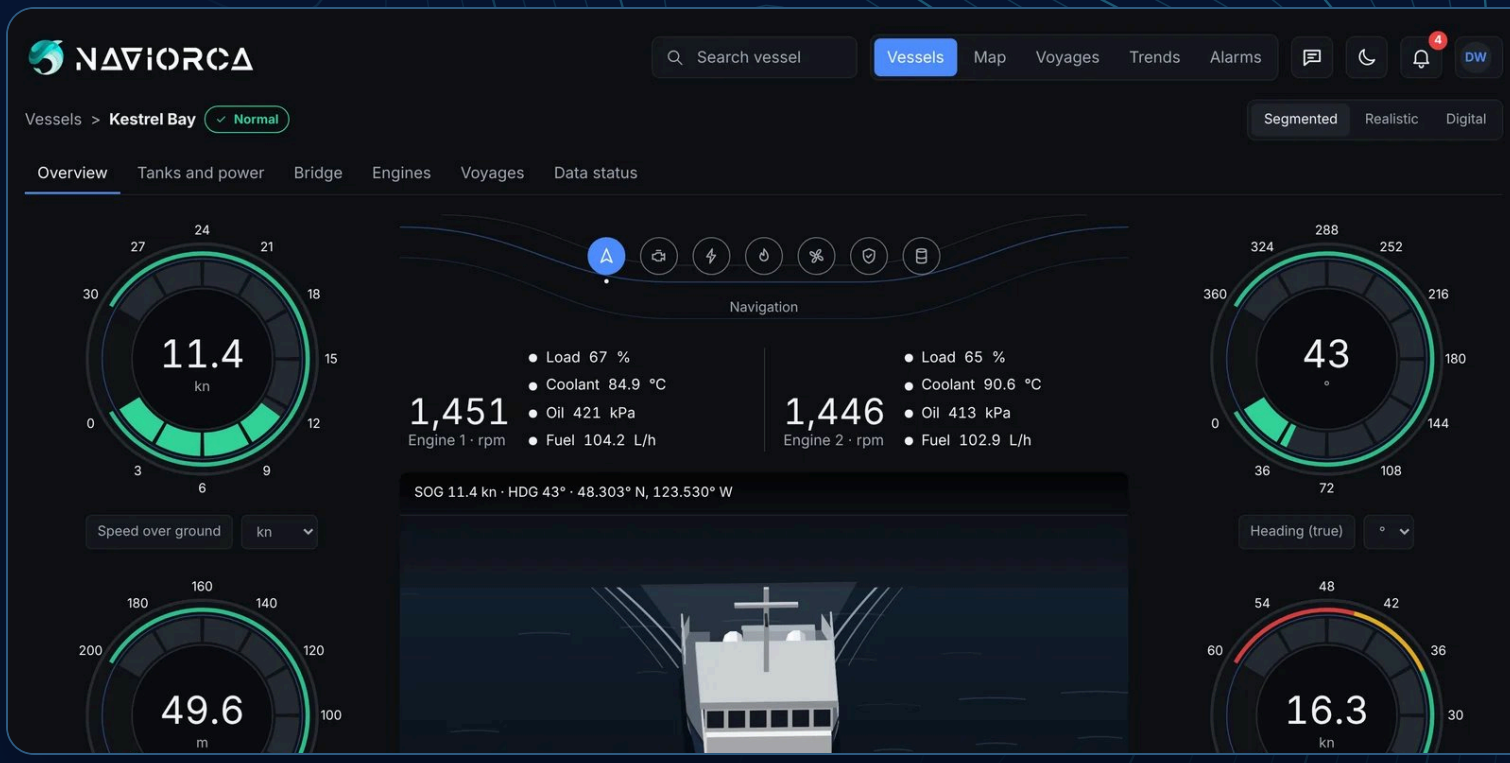
NAVIORCA

BY ALBATROSS MARINE

REMOTE VESSEL MONITORING

Every vessel, on a screen ashore.

Position, heading, speed, depth and wind from the bridge, and engines, power, tanks and safety from below, with alarms by email. For any fleet, whatever is already fitted on board.



FREE 12-MONTH PILOT Up to 3 vessels, logger on loan. See page 6.

albatrossmarine.ca/naviorca

WHY NAVIORCA

Know what every vessel is doing, before it calls you.

Most shore teams hear about a problem on board when the vessel calls in. NaviOrca puts each vessel's navigation, engines, power, tanks and safety systems in front of the office, live, and emails the people who need to know when something goes outside its limits.

The bridge

Speed over ground, heading, depth below the keel and wind, with the vessel's position and voyages recorded.

The engine room

Main engines, generators and electrical, tanks, and safety and bilge, each on its own dashboard page.

Alarms by email

Four limits on every gauge, offline alarms when a vessel stops reporting, and emails to the right people.

Any fleet

NaviOrca stands on its own. It works whatever you use for fleet management and whatever is fitted on board.

Built for

Owners and operators

See every vessel from the office and act before small faults become downtime.

Fleet managers

One fleet view across vessels, with each client's data kept in its own space.

Service companies

Watch the machinery you look after and turn up knowing what you will find.

HOW IT WORKS

From the engine room to the office.

Each vessel connects one of two ways. Both arrive in the same place, and one vessel can use both.

ON BOARD

Engines
SAE J1939: engines and generators

Navigation, tanks, batteries
NMEA 2000, where fitted

Existing system
Monitoring, alarm or telematics system with an API

CONNECTION

Compact logger
Reads the vessel's own networks and uploads over its own connection

or

API connection
No new hardware: data read from the existing system on a schedule

ASHORE

NaviOrca
Named gauges, dashboards, trends and voyages for every vessel

Your team
Alarms by email to the people assigned to each vessel

1

Connect

Fit the logger, or connect the system already on board through its API.

2

Data ashore

Over the vessel's Wi-Fi or a cellular logger, at an interval you choose.

3

Gauges and alarms

Each signal becomes a named gauge; the right people are emailed on alarms.

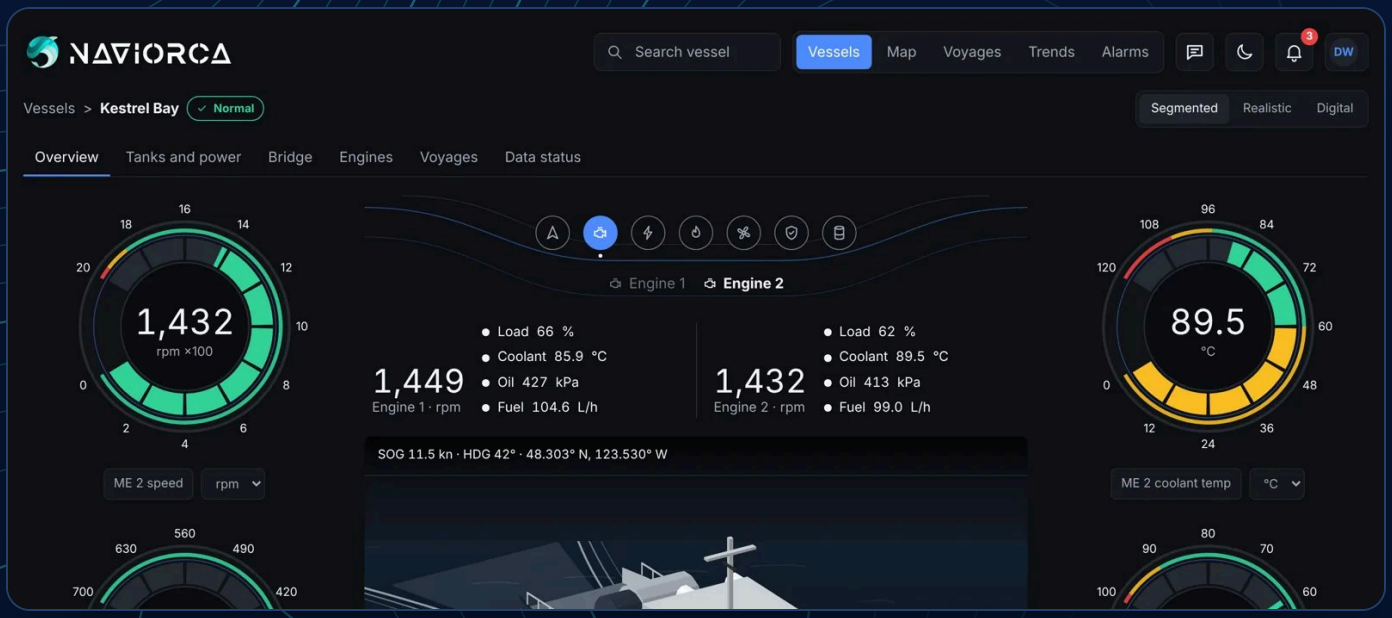
Do I need new hardware? Not always. A vessel with a monitoring, alarm or telematics system that has an API can connect through it. We confirm the best route for each vessel.

Internet on board. Data needs a connection to reach shore. Use the vessel's own Wi-Fi, or we supply a logger with cellular built in and you pay only the data fees to your own provider.

DASHBOARDS AND GAUGES

Raw signals in, named gauges out.

Vessel networks speak in parameter numbers. NaviOrca maps each one to a gauge your team recognises, with the right unit and the limits for that equipment.



A vessel's engine dashboard. Each vessel has pages for navigation, main engines, generators and electrical, tanks, and safety and bilge. Sample data.

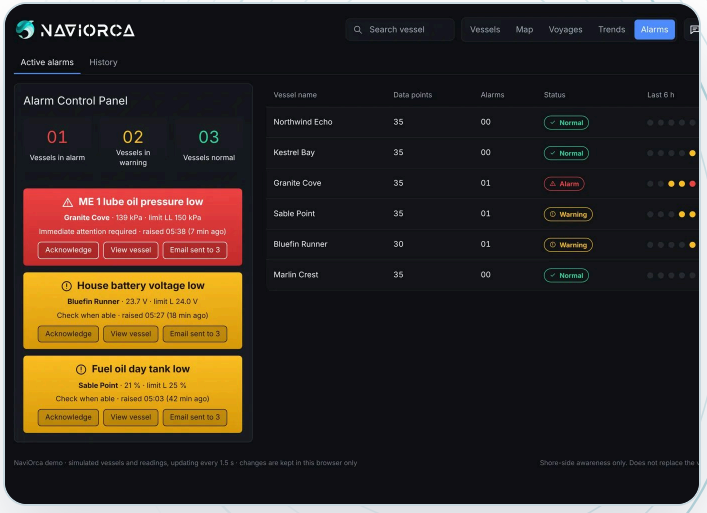


Set up once, copy to sister vessels

- J1939 SPNs and NMEA 2000 PGNs mapped to named gauges
- Scale, offset, units and limits for each tag
- 16 gauge types, from compass and echo sounder to tank levels
- Templates, mapping import and copy to sister vessels
- Trends of up to eight signals, with CSV export
- Voyages recorded with track, speed, fuel and conditions

ALARMS

Know before the vessel calls.

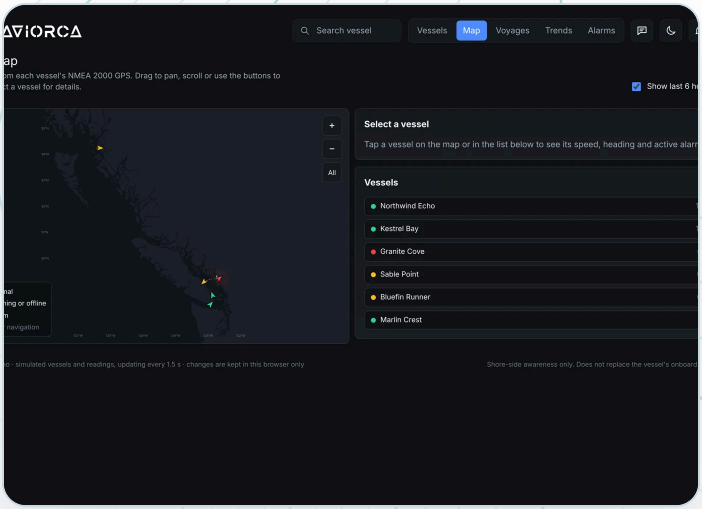


- Low-low, low, high and high-high limits on every gauge
- A delay and a deadband, so one spike does not flood your inbox
- An alarm when a vessel or one of its data sources stops reporting
- Emails grouped, with an optional all-clear
- Acknowledge with a comment; full alarm history with CSV export

FLEET AND COMPANIES

One fleet view. Each owner sees their own.

- Every connected vessel on a list and a map
- Open any vessel straight to its engine room
- A separate space for each client company
- Five roles, from company lead to viewer
- Two-factor sign-in and an activity log



Alarms go by email. NaviOrca does not send text messages. Push notifications for critical alarms are coming with the mobile app.

PILOT PROGRAM LIMITED PLACES

Put three vessels on NaviOrca, free for a year.

We are taking a limited number of operators into the NaviOrca pilot. You get the full product on up to three vessels for 12 months, with the logger on loan, so you can judge it on your own fleet.

12 months free

The NaviOrca subscription costs nothing for the first year of the pilot.

Logger on loan

We lend the logger for each vessel, with cellular built in if there is no Wi-Fi on board, or connect your existing system through its API.

Up to 3 vessels

Put up to three vessels of your fleet on NaviOrca, with your own company space.

Set up with you

We work out what to connect on each vessel and get your first vessel on screen.

How to join

01

Talk to us

Book a call and tell us about your vessels and what you want to see ashore.

02

Plan each vessel

We confirm the best way to connect each one: logger, API or both.

03

On screen

The logger goes on board on Wi-Fi or cellular, or the API is connected, and your vessels appear.

04

Use it for a year

Run NaviOrca for 12 months. At the end, you decide whether to continue.

Apply for a pilot place

Book a call and mention the NaviOrca pilot, or email info@albatrossmarine.ca.

albatrossmarine.ca/book-a-demo

Your only cost: cellular data fees, if used, paid to your own provider. Limited places; terms agreed before the pilot starts.

QUESTIONS

What engineers and managers ask us.

What is NaviOrca?

Remote vessel monitoring for fleets, built by Albatross Marine. It brings navigation, engine, power, tank and safety data ashore, with live gauges, alarms, voyages and trends.

Do I need new hardware on board?

Not always. A vessel with a monitoring, alarm or telematics system that has an API can connect through it. Otherwise a compact logger connects to the engine network and, where fitted, the NMEA 2000 network.

Is NaviOrca part of Oceanaut?

No. NaviOrca is a standalone product from Albatross Marine and does not need Oceanaut. A connection between the two is something we are considering for later.

How are alarms sent?

By email to the people assigned to each vessel, with repeats grouped together and an optional email when an alarm clears. NaviOrca does not send text messages.

Who can see our data?

Each client company has its own space, with five roles from company lead to viewer, two-factor sign-in and an activity log of every change.

Does the vessel need internet?

Yes, data needs a connection to reach shore. Use the vessel's own Wi-Fi, or we supply a logger with cellular built in; you pay only the data fees to your own provider.

Coming next

COMING SOON

Mobile app

NaviOrca on iOS and Android, with push notifications for critical alarms alongside email.

COMING SOON

Ask NaviOrca

Ask questions about a vessel's engine data in plain language and get an answer drawn from it.

NAVIORCA

See your vessels from shore.

We will show NaviOrca running on sample vessels, then plan what to connect on yours. Ask about the free 12-month pilot.

Book a demo

30 minutes with someone who has worked on vessels. Scan the code or visit the link below.

albatrossmarine.ca/book-a-demo

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