



PRODUCT PRESENTATION

Scout

See reality
Not just the charts

Satellite imagery, ENC charts, weather and live vessel data on
PolarisOS – a navigation operating system built for the boat.



THE PROBLEM

Scout begins where traditional charts end.



Charts built on old surveys

Many cruising grounds are still charted from surveys decades old. Skippers meet reefs the chart doesn't show.



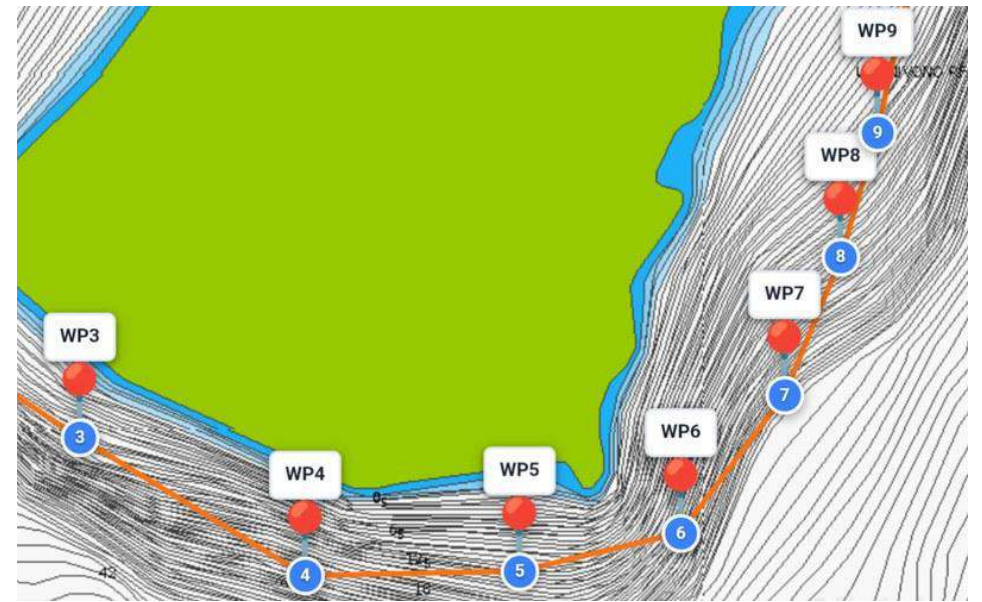
Information on separate screens

Navigation, weather, AIS and vessel data sit on different devices, and the skipper joins them up.

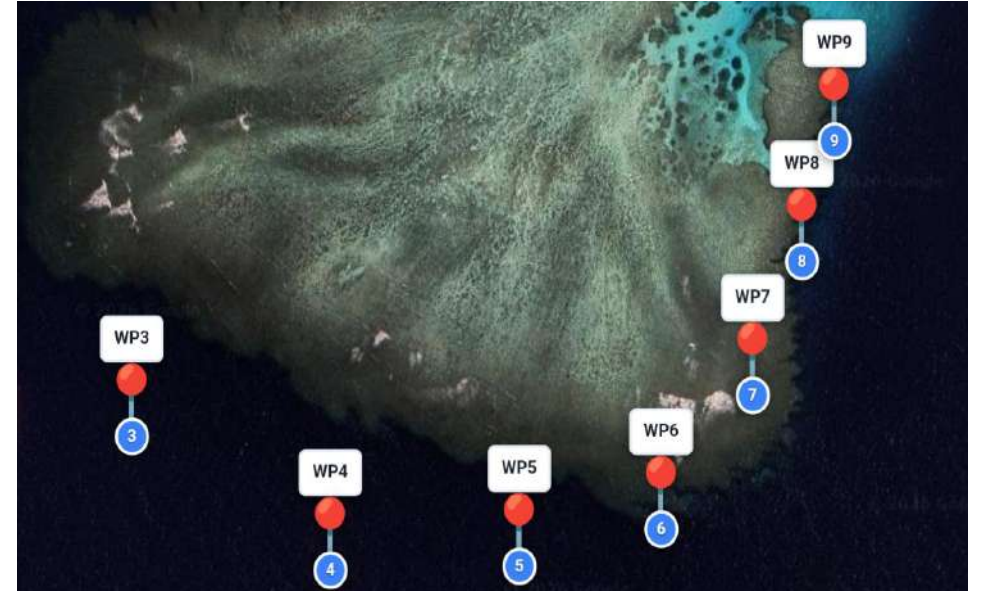


Planning happens away from the helm

Routes are drawn on a laptop below deck, then retyped or carried to the plotter on a memory card.



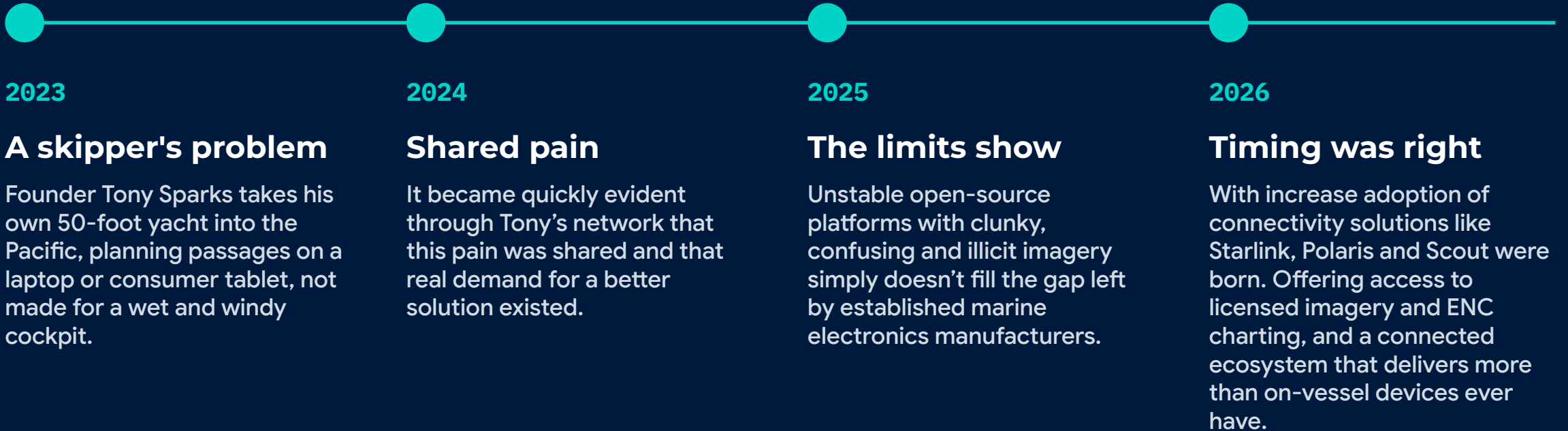
*Traditional chart of a Pacific passage.
The contours show a survey, not the water.*



The true underwater extent can be seen with satellite imagery 02

ORIGIN STORY

Built on the water, not in an office....



“Within three months I'd worked out there was a better way.”

Tony Sparks, founder and CEO, Vortex Marine

SCOUT

What is Scout



Scout combines licensed high-resolution satellite imagery, ENC charts, weather, live vessel data and NMEA 2000 information on PolarisOS, its proprietary navigation operating system, on a rugged, portable device.

Scout

The portable navigator at the helm.

10-inch 1000-nit display
IP65 · 10-hour battery
Built-in GPS
NMEA 2000 over Wi-Fi

PolarisOS

The navigation operating system that runs it.

Inhouse developed OS + apps
Designed to be used only for navigation
Vortex curated Android apps
Free forever with basic functionality
Paid Polaris+ plans for additional features

01 • LICENSED SATELLITE IMAGERY

Several satellites. Same water. Your choice.

Every satellite image was taken on one day, in whatever weather was there. So Scout streams licensed imagery from several providers and switches between them over the same water.

- Licensed directly from the providers, not scraped tile packs
- Switch source in one tap when cloud or glare hides a reef
- Streamed live over Starlink or cellular

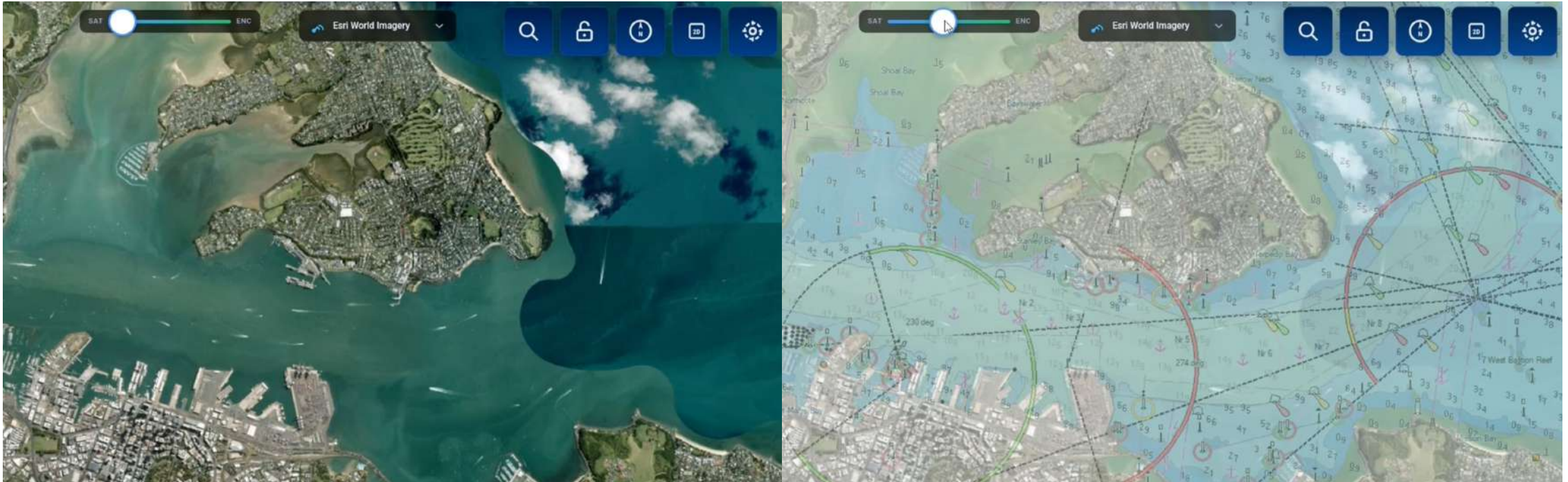
20

Maximum zoom level, where the provider supports it.
Each level is four times the magnification of the last.



02 · CHART AND IMAGERY ON ONE SLIDER

One gesture from the chart to the water.



Scout blends the ENC chart and satellite imagery over the same location on a single slider. Chart discrepancies stop being theoretical: you can compare them directly.

03 · OFFLINE AREAS

Draw the area - See the size - Sail offline

1

Draw

Outline the passage ahead with a finger, while you're still on marina Wi-Fi.

2

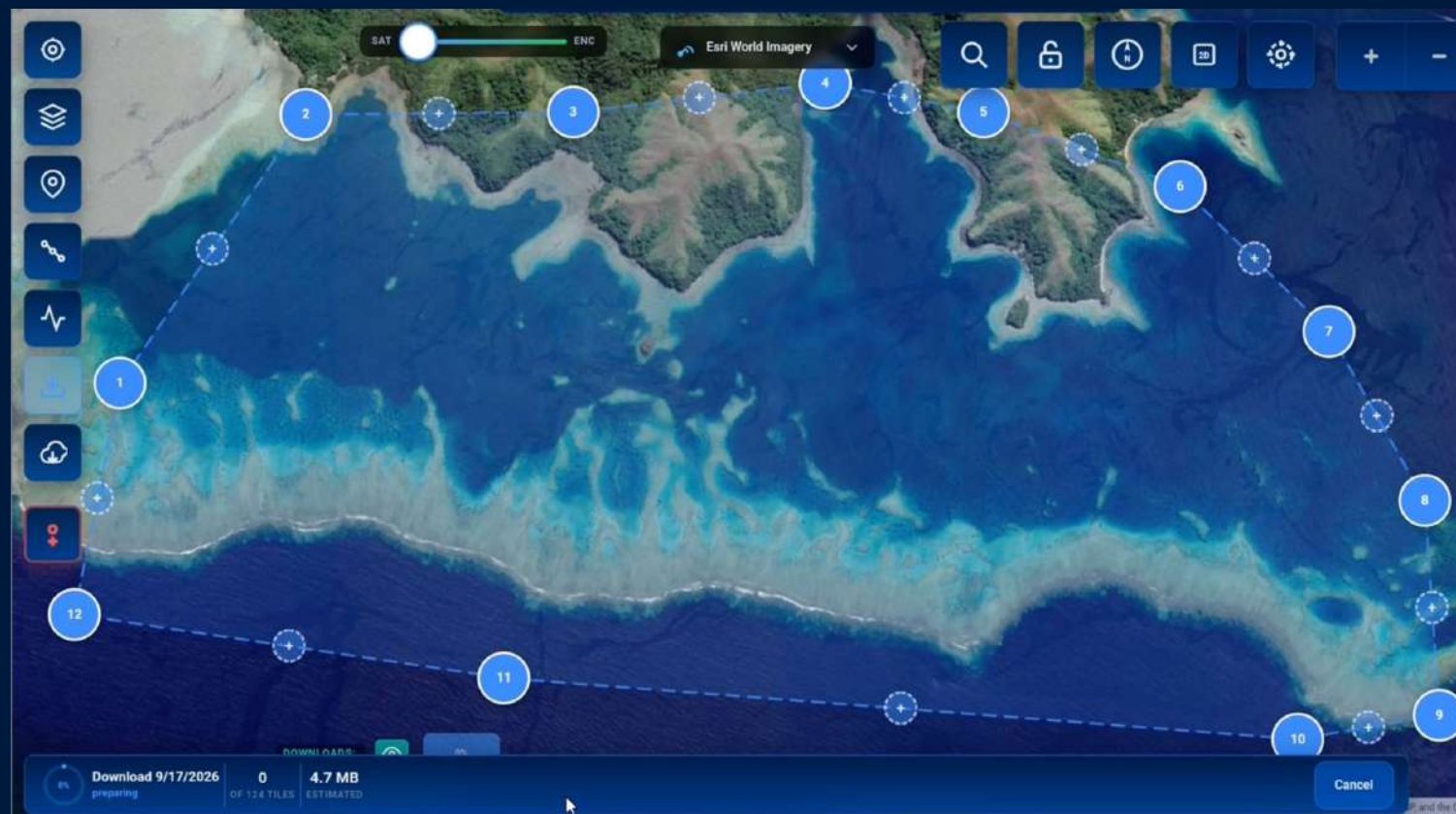
Check

See the tile count and download size before you commit.

3

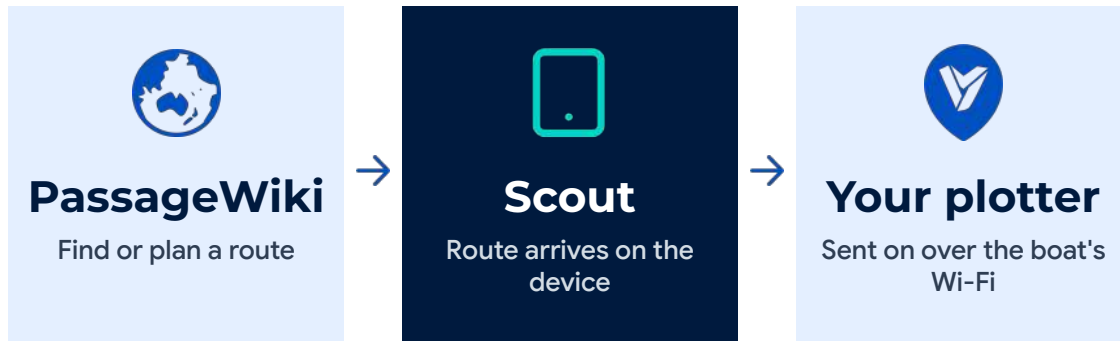
Cache

Imagery stays on the device under the provider's licence, at the zoom level you chose.

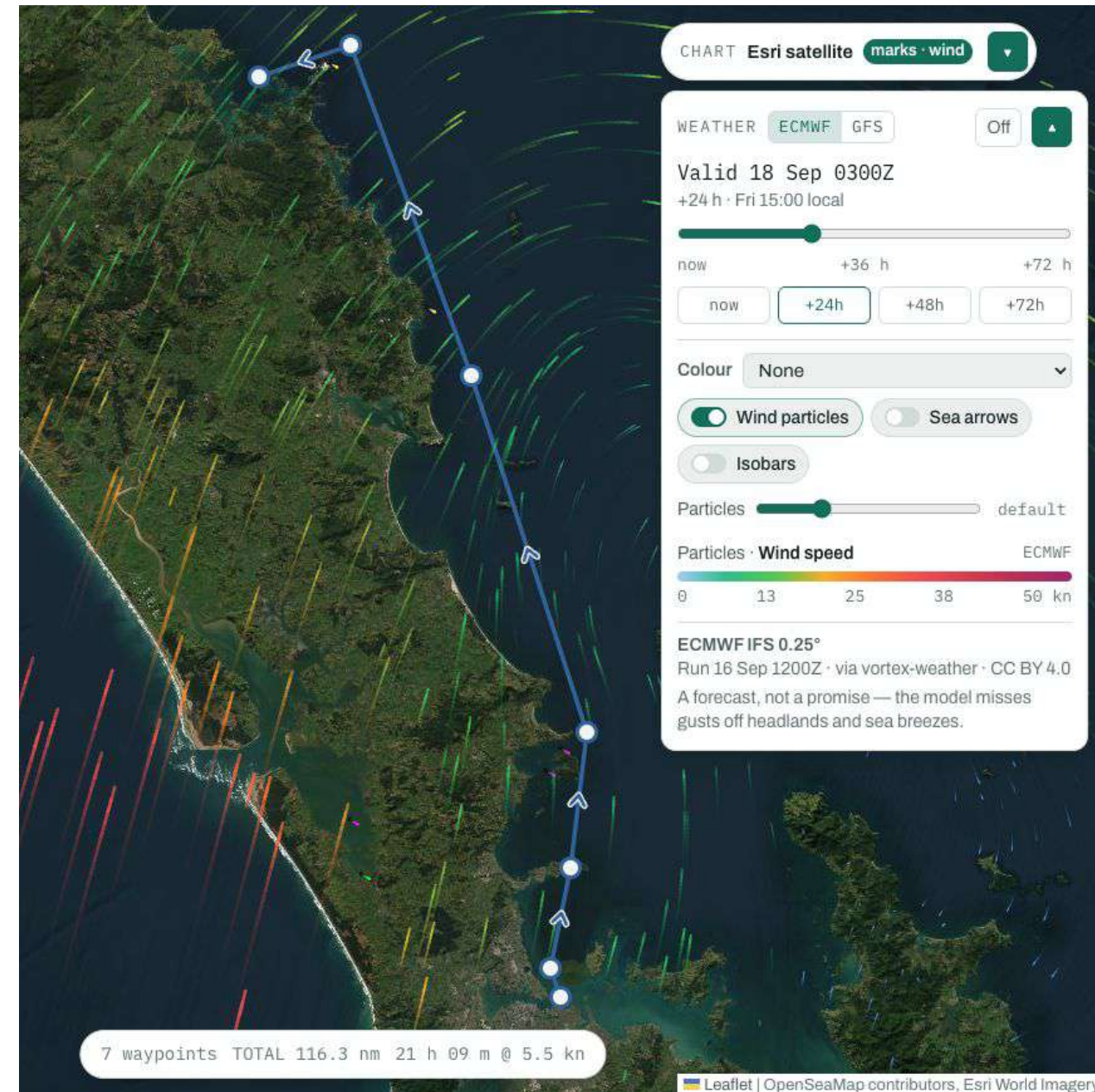


04 • PASSAGEWIKI

A route someone else sailed, on your boat in two clicks.



- A free, open library of shared routes at passagewiki.com, planned in any browser with weather over the route
- Replaces GPX files passed around on WhatsApp, Dropbox and memory cards
- Import years of old tracks, then publish a library openly or share it on request
- A shore-based weather router can suggest a new course that lands on the boat without being retyped



SAFETY AT ANCHOR

Scout interprets conditions, not just displays them.



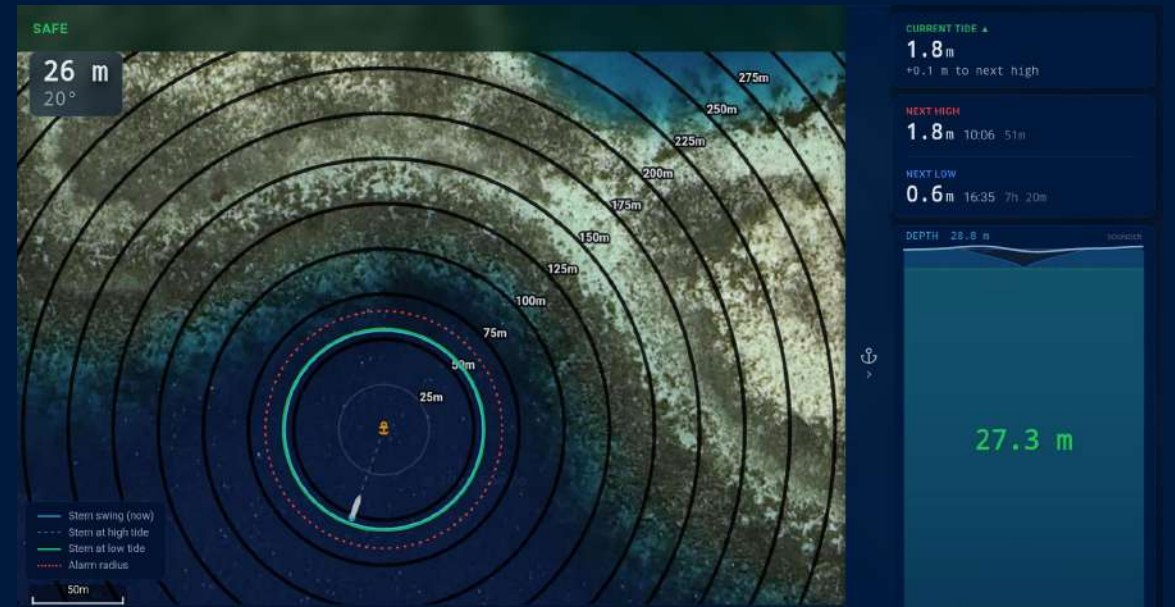
Anchorage safety cautions

Reads forecast wind against swell and warns when an anchorage is likely to turn uncomfortable or unsafe, before you commit to it.



Anchor watch over imagery

Swing circle drawn over imagery of the actual seabed, with live depth and tide-driven clearance. Alarms if the boat drifts.



Built for navigation and nothing else



Closed by design

Not a general-purpose tablet. Android apps such as PredictWind, Windy and Victron are tested before they're allowed on.



Live vessel data

Customisable dashboards, wind rose and gybe warnings from anything on the NMEA 2000 network, delivered over Wi-Fi.



Updated every week

New capability arrives over the air, not with the next hardware cycle.



THE PLATFORM

Scout is the tip of the iceberg.

ON THE HELM

Scout, running PolarisOS

BELOW THE SURFACE

Live tracking

Position, speed and course, shared privately, by link or publicly.

Skipper's log

Sea state and crew updates for family ashore or a weather router.

Route export

Straight to Navico plotters and the Navionics app over the boat's Wi-Fi.

Cloud platform

Vessel data mirrored within about five seconds, on servers in three regions.



A paperless boat, and electronics that last longer.



Registration, radio licence, EPIRB, insurance, certificates, customs clearances, crew passports and visas, with an alert 30 days before anything expires. Manufacturer manuals sync to the device.



Clearer view of reefs & shallows

Better-informed passage and anchoring decisions near sensitive marine environments.



No paper binder on board

Documents, certificates and equipment manuals are stored digitally.



Keep what's already fitted

Scout works alongside existing electronics, which may extend their useful life.

DESIGNED WITH THE PEOPLE WHO USE IT

Customers write the brief.

Customer need drives feature development. We ask customers what would make the device or platform better. That feedback continues to define our roadmap to solving novel navigation challenges for boaters on the water.



vortexmarine.com

passagewiki.com

