



OCIANA®

Turn Maritime Fleet Intelligence into Operational Decisions

By connecting fleet, vessel and voyage information with independent AI-powered prediction, OCIANA® Ships gives shipping companies a layer of intelligence that shows which voyages need attention, why arrival expectations are changing, and what to investigate next.

The Challenge of Managing Maritime Fleets

Fleet dashboards show where vessels are. They rarely show what is changing, why, or whether action is needed while the voyage is still unfolding.

- ❗ **Static ETAs:** Reported arrival times may not reflect developing weather, traffic or operational conditions
- ❗ **Late detection:** Voyage changes are hard to identify before they affect schedules and operations
- ❗ **Fragmented information:** Vessel tracks, AIS updates, weather and operational reports sit in separate systems
- ❗ **Manual monitoring:** Teams spend time assembling information and checking every vessel equally
- ❗ **Limited evidence:** After the voyage, it is difficult to explain what changed and why

Addressing these challenges requires independent prediction, connected context and a reliable voyage record.

OCIANA Approach

OCIANA® Ships brings fleet awareness, voyage investigation and arrival intelligence into one connected workflow, enriching the systems and data sources you already rely on.

-  **Fleet operational awareness:**
A prioritized fleet picture of positions, voyages, destinations and exceptions, with drill-down from a flagged vessel to its voyage detail
-  **Dynamic voyage reporting:**
An independent, time-sequenced voyage record covering movement, speed, distance, weather and ETA evolution, with structured, timestamped export
-  **Predictive ETA intelligence:**
Independent OCIANA-generated ETAs shown beside reported ETAs, with ETA evolution tracked across the voyage
-  **Port call readiness:** Connects arrival status with port conditions and constraints to support earlier coordination with agents, terminals and port stakeholders
-  **Enhanced vessel and voyage tracking:**
Multi-source tracking with historical route reconstruction, automatically capturing deviations, stoppages, drifting, geofence crossings and tracking gaps
-  **Alerts and operational exceptions:** Route, speed, ETA and tracking-gap exceptions in one alert stream, surfaced as they happen

What This Means for Shipping Operations



Attention where it matters

Teams focus on the voyages that have changed instead of manually reviewing every track.



Better-prepared port calls

Earlier awareness of developing port situations helps reduce unnecessary waiting and improve arrival sequencing where possible.



Earlier insight into arrival changes

Comparing reported and predicted ETAs gives an earlier basis for checking voyage information and discussing the arrival outlook with stakeholders.



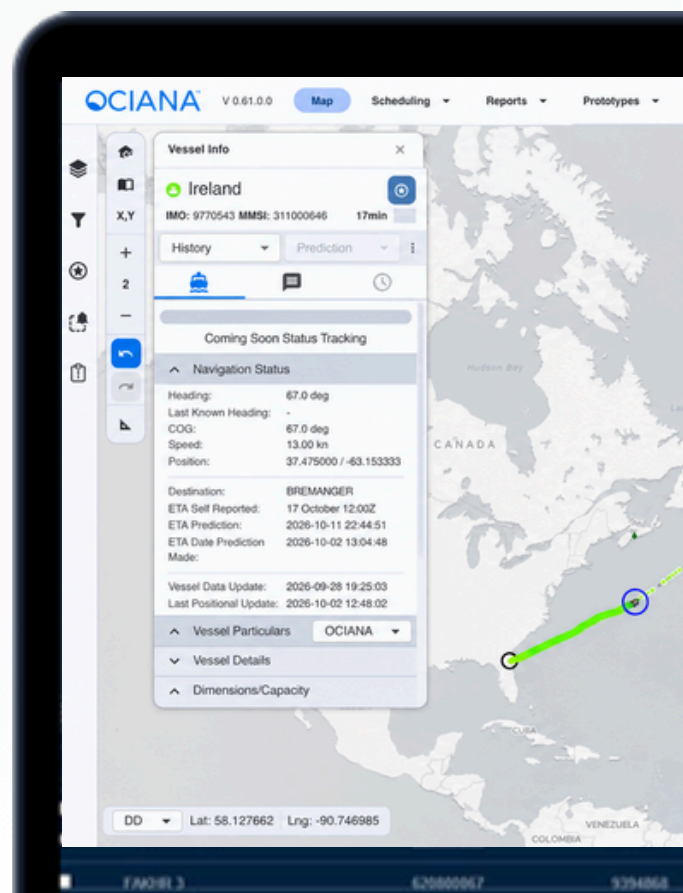
Independent voyage evidence

A consistent record that distinguishes what the vessel reported from what OCIANA® observed supports post-voyage review, performance assessment and informed commercial discussion.

Seamless Integration with Existing Fleet Systems

- ✓ **No rip-and-replace:** Works with selected maritime information sources and applications, with the integration approach determined with each organization
- ✓ **Complement or consolidate:** Enriches existing applications or brings overlapping information views into one environment, depending on your setup
- ✓ **One workspace for every team:** Operations, chartering and technical teams share a common reference in a single secure environment with maps, dashboards, alerts, reporting and export
- ✓ **Professionals remain in control:** AI powers the intelligence, while operational and commercial decisions stay with your people

OCIANA® adds intelligence without replacing the systems you rely on, creating a common operational context for the decisions shipping teams need to make.



OCIANA® Ships provides the intelligence layer that turns fleet and voyage data into operational attention.

By predicting arrivals, surfacing exceptions and preserving independent evidence, we help shipping companies move from voyage intention to operational outcome.

About OCIANA®

OCIANA® is an AI-powered maritime intelligence platform that supports informed decision-making across defence, security, and logistics operations. It integrates operational, environmental, vessel, and cargo data to deliver real-time visibility, predictive insight, and risk awareness. By supporting both routine operations and emerging disruptions, OCIANA® enhances planning, coordination, and timely response in complex maritime environments.

CANADA

111 Blvd Robert-Bourassa, Suite #3900,
Montreal, QC H3C 2M1

1 Research Dr, Dartmouth,
NS B2Y 4M9

911 Yates St,
Victoria, BC V8V 4X3

UNITED KINGDOM

Fortis House,
Cothey Way, Ryde
Isle of Wight
PO33 1QT

www.ociana.com

GSTS®