OCIANA™

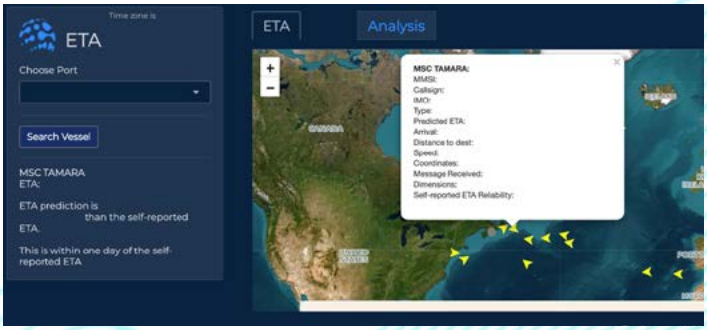
SHAPE THE FUTURE OF YOUR PORT

Need to comply with green mandate reporting?

Want to benefit from enhanced real time predictive visibility and resource demand forecasting?

Land side integration to support resource planning and inter-modal cargo transfer?

OCIANA™ transcends traditional products, offering sophisticated planning and forecasting capabilities to guide your every decision. OCIANA™ enables ports to benefit from enhanced real time predictive visibility and actionable insights for inter-modal operations as well as environmental performance management.



GSTS™
Navigate Tomorrow Today

OCIANA™ Port Optimiser

ETA Prediction

- Provides the most accurate long-horizon, multi-stop ETA predictions for liners and tramp vessels
- Enables user to form independent assessment on vessel reliability towards arrival at port

Ice Jam Prediction

- Prediction of ice jams 7 days prior to facilitate advanced planning and scheduling of alternate berthing windows
- Enables prioritisation of resource deployment and management

Schedule Optimisation Planner (SOP)

- Provides ports with advanced planning and optimal scheduling for vessels
- Facilitates quick recovery from shock events
- Predicts vessel behaviour, arrival time and deviations
- Enables simulation–optimisation for resource usage based on reducing vessel wait times, decreasing emissions and enhancing robustness in berth scheduling

Advanced Chat and Collaboration Tools

- Facilitates single reference for all users of data and real time communication and collaboration

Port Analytics

- Anchorage: allows users to visualise, manage and report on vessel wait time based on arrival and departure, slow downs, destinations and historic behaviour
- Vessel Berthing Reporting: enables full view of all berths capacity and metrics to determine average berthing times
- Port Profiles: enable current and historic behaviour comparison vis a vis sister and competitor ports

Green Digital Shipping Corridor

- Digitized trade routes for all vessels that arrive at port
- Monthly reporting for fuel consumption and emissions along segments of a vessel route or along series of port visits

Environmental Performance Management (EPM) Toolkit

- Real time fuel consumption and greenhouse gas emission monitoring for all vessels globally
- Geospatial visualization of fuel consumption and emissions within a port
- Long-term historic trend analysis of greenhouse gas emission and fuel consumption
- Forecasting of emissions within a port based on historic trends up to a year in the future

Intelligent Geofencing

- Geofences enhanced with machine learning to deliver a high accuracy timeline and enhanced predictability into a vessel's location and planned passage

Contact GSTS for more information: sales@gsts.ca

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