A powerful, reliable and accurate software for real-time fleet performance monitoring

InfoSHIP®
EGO • Energy Governance
Powered by IB

InfoSHIP®EGO is the fastest growing fleet performance monitoring tool on the market

Launched on the first pilot-vessel in 2014, the software is currently installed on more than 600 ships. The software is constantly being enhanced and improved thanks to input deriving from the application's users.

- **Data Collector**
  A powerful plug&play tool to acquire, process, manage and validate data from multiple sources, such as automation and navigation systems, and any device sensors installed onboard
- **InfoMeteo**
  Provides weather forecast that enriches data acquired during navigation from sensors with crew's observations
- **Propulsion Efficiency**
  A tool that allows to monitor hull, propeller and engine performances, identifying critical issues and supporting technical departments on maintenance intervention
- **Trim Optimization**
  An onboard real-time panel that suggests the best trim to maintain at sea by taking into account speed, displacement and weather conditions
- **Speed Optimization**
  This application analyzes the planned route and loading conditions and the weather forecast, then suggests the speed to be maintained during different legs of the voyage to optimize fuel consumption while upholding the Estimated Time of Arrival
- **Analytics and Reporting**
  Data from various sources are merged into a single database and filtered, processed and analyzed by this Decision Support System which then offers several specific KPI and performance comparisons covering different periods of time (eg. before and after drydock).

Fleet performance monitoring software

Fleet monitoring

InfoSHIP®EGO has a wide variety of features to eff¬ectively monitor fleet performance: real time data acquired by sensors is continuously benchmarked against targets in order to promptly recognize maintenance needs from any inefficiencies which may arise. Pop-up or e-mail alerts can be configured and triggered for all the logical conditions that a user may request; voyages and ports as well as ECA/SECA areas and channels are automatically detected by the system. Optimum operational parameters are suggested to personnel on board in order to reduce fuel consumption.

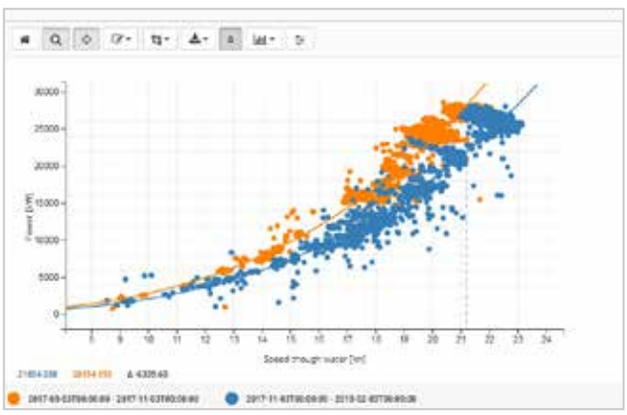
Big data analysis

InfoSHIP®EGO is always recording: at sea, while maneuvering or drifting, and in port. Compared to the de facto maritime standard of noon reports, this great amount of data allows operators to apply machine learning techniques in order to understand how the ship will behave in terms of propulsive power and fuel consumption in the different loading and environmental conditions the ship could be deployed in. RINA provides data analytics services as well as CFD simulations in order to add even more value to InfoSHIP®EGO customers.

Compliance with rules

More and more regulations are coming from flag administrations, the EU and IMO. InfoSHIP®EGO is a powerful tool to collect reliable data from ships, organize and analyze the information in a data warehouse on shore, and output raw or processed data according to a standard template or a custom one requested by the customer.

- Fuel savings of up to 10% achievable through systematic use of InfoSHIP®EGO applied to trim and speed optimization, real time monitoring and alerts.
- An effective way to be compliant with SEEMP and MRV regulations in order to monitor the savings of any proposed action and to have all the data available for to be reported quickly and easily.
- Aids in refitting actions such as reblading, silicon painting or ESD installation by evaluating the real payback period of the investment in the long-term.
- Thanks to big data, it's possible to really understand how each ship of the fleet behaves in different loading and environmental conditions in order to make an optimal deployment of the different ships over the commercial routes.
- Transparency for contractual counterparties: all the parties involved in ship trading operations have a clear and unique view of the ship's performance and fuel consumption.
- Reports fuel consumption costs together with all technical and operational parameters more reliably and accurately than standard noon reports, which are based on one single data entry over a whole day.



IB
Via Cerisola, 37
Rapallo 16035 Italy
p. +39 0185 273088

gruppo-ib.com

IB USA
13450 W Sunrise Boulevard
Sunrise 33323 Florida
p. +1 305 998-2745