

MAN Propulsion Optimization Study

MAN PrimeServ

Let's uncover the optimization potential of your vessel.

Uncover your optimization potential

MAN PrimeServ is committed to supporting decarbonization in the maritime industry. Therefore, we have introduced the Propulsion Optimization Study to uncover the potential emission and power savings by introducing various optimization solutions and methods, for example in terms of improving your current CII rating.

Our product range is constantly under review, being developed and improved according to present and future requirements and conditions. Operating at vessel speeds lower than the original design speed often offers a relatively high optimization potential. When exploited, further significant power and fuel savings can be gained.

Fair and reliable comparison

Based on your current operating profile and possible EEXI OPL (Overridable Power Limitation) MAN PrimeServ will support you in uncovering the potential of optimizing your current propeller configuration, propulsion control system and aft ship.

Among others, the MAN Propulsion Optimization Study includes a comparison between the existing propeller blade design and a new optimized propeller blade geometry. All based on the actual operational profile of your vessel. In this way, you will have a fair comparison proposal, when considering various optimization measures.

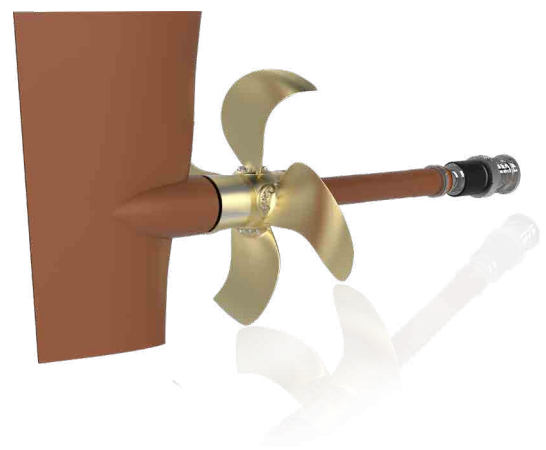
Improve your CII rating

Upgrade your CP propeller with the latest technology and hydrodynamic know-how. CP propeller optimization often provides substantial fuel savings, allowing your vessel to meet stricter emission levels and CII requirements.

Furthermore, it offers the potential to improve your energy class while optimizing your operational economy, thereby providing a short return on investment.

Depending on the existing propulsion control configuration, the Propulsion Optimization Study will also uncover the optimization potential by improving the existing combinator mode software. A feature that often goes very well in hand with a reduced vessel optimization speed.

The MAN Propulsion Optimization Study requires a number of operational details, hence a specific questionnaire will be shared when ordering the study.



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Key benefits

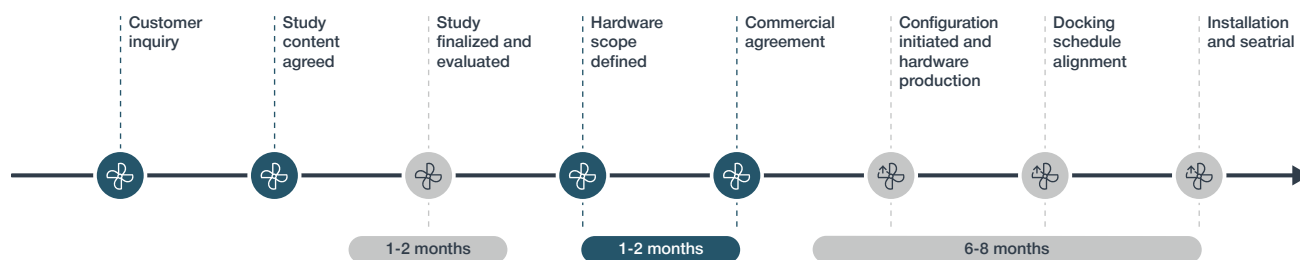
- Uncovers your potential propulsion power savings
- Transparent comparison that enables you to decide your next steps
- Possible improved CII ratings
- Transparency regarding short return of investment.

Scope of supply

- MAN Propulsion Optimization Study
- Preliminary propeller blade design
- Comparison between the existing and the optimized configuration
- EcoBulb rudder bulb performance
- Alphantronic propulsion control optimization suggestions
- Speed and power predictions

Applicable to

- Alphantronic propulsion control systems: AT2000, AT3000
- Propeller types: Full portfolio of MAN Alpha controllible pitch propeller configurations



Retrofit & Upgrades

PrimeServ Retrofit, Denmark
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More information

Contact your local MAN PrimeServ office for more information about the product and how the upgrade can improve your propulsion efficiency.

MAN Energy Solutions

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