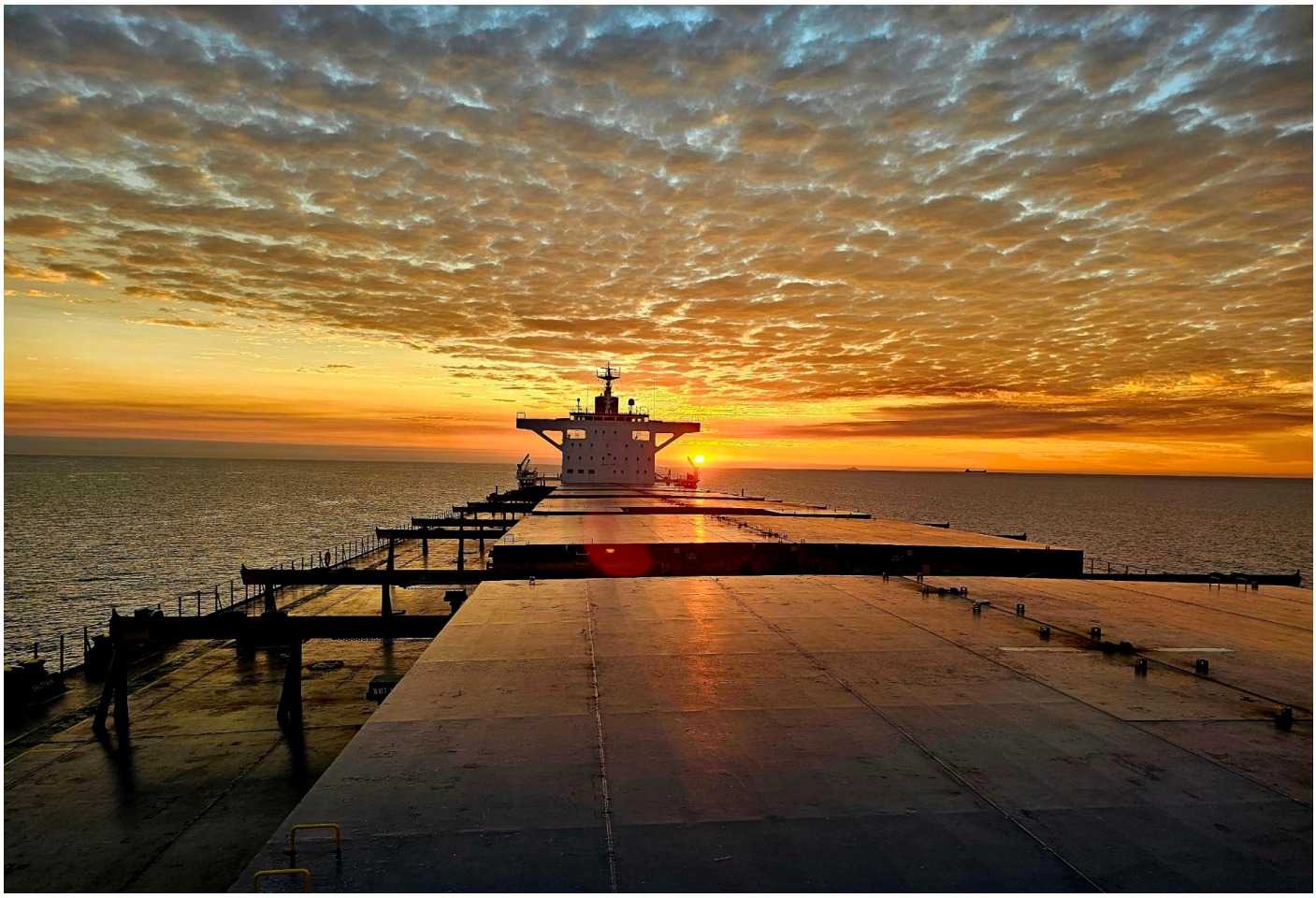

Vessel Performance Engineer (m/f/d)

Mumbai

Founded in 1921, OLDENDORFF CARRIERS combines its history as a German shipowner with the network of one of the world's leading drybulk operators. We are currently operating around 800 owned and chartered vessels and transporting approximately 415 million tons of cargo annually. Our global operations focus on spot business, industrial contracts, and offshore transshipment, primarily carrying iron ore, coal, and agricultural products.

Our 4,500 employees from 60 countries include more than 1,000 office-based colleagues across 20 locations and over 3,000 seafarers.

Our customers can expect 100% performance. All the way.

About the role

You will provide senior technical analysis for vessel performance from our Technical Performance team in Mumbai. Using your sea-going engine-room experience, you will assess machinery and hull

performance, investigate anomalies and build evidence-based conclusions that support operational and commercial decisions across the fleet.

Job Responsibilities

- Review and quality-check technical conclusions, root-cause analyses, fuel-correction methods and performance calculations before final sign-off.
- Monitor main engine and auxiliary engine performance trends using information provided by sailing staff.
- Plan and conduct vessel speed trials to establish accurate baseline performance data.
- Investigate unexplained fuel consumption increases, persistent vessel underperformance and recurring technical issues.
- Work with the analytics team to review and refine specific fuel oil consumption and power-correction methods using operational experience.
- Support the development and review of AI-enabled performance, diagnostics and voyage optimisation tools.
- Present authorised technical positions in owner-facing discussions and charter party performance disputes.
- Conduct fleet studies and provide clear, actionable feedback to commercial and operations teams, including quarterly fleet-wide performance analysis.
- Define requirements for fit-for-analysis data, validate noon reports and escalate data quality concerns to the relevant teams.
- Mentor, cross-train and review the work of assistant engineers across machinery and hull or propulsion areas.

What You Bring Along

- Strong analytical and technical report-writing skills.
- Ability to assess fuel consumption, engine load and machinery performance trends using limited or inconsistent operational data.
- Confidence explaining and defending technical conclusions to owners' technical representatives.
- Strong practical understanding of shipboard machinery and propulsion systems, with the ability to assess how engine condition, auxiliary machinery, hull and propeller condition,

weather and operating practices affect vessel performance and fuel consumption

- Ability to separate machinery or hull performance issues from weather effects and reporting errors.
- Willingness to adopt new analytical methods and AI-enabled performance and diagnostics tools.

Required / Preferred Education and Experience

- Class 1 Certificate of Competency and sea-going experience as a Second Engineer are required.
- Eight or more years of sea-going experience across main engine types such as MAN B&W, WinGD or equivalent is required.
- Previous shore-based vessel performance experience is preferred.
- Familiarity with voyage optimisation platforms and emissions regulations is preferred.
- Knowledge of hull coatings and energy-saving devices, including Mewis ducts and rotors, is preferred.

What We Offer

- Our corporate culture is special: relaxed and international, open and traditionally with flat hierarchies.
- Since the very beginning, teamwork and quick decision making have been our success factors. Encouraging our employees to realize their ideas and initiatives is as important to us.

Apply now

Interested?

If you want to know more about who we are: Oldendorff.

Please contact Brian Ho in case of questions.

Oldendorff Carriers does not accept paper applications for online postings.