

Innovation of the Year

This award recognises an innovative product, service or system that has significantly improved a tug design, build and/or operational aspect over the last 12 months.

Sponsored by



Avikus Tug Surround View Monitoring System

Launched April 2023, the 360-degree bird's eye camera system brings unprecedented situational awareness and visibility to tug operations. Extensively tested prior to commercial deployment.

- Removes visual impediments from beams/superstructure
- Enables new wheelhouse arrangements and remote control
- Significantly improves navigational safety

Caterpillar 3516E Tug Engines

Launched commercially early 2023. Breakthrough sequential turbocharging optimises torque and response across engine range to unlock 19% greater power.

- Up to 3MW power
- Enhanced low-speed torque and response
- Increased previous 3516E durability

P&O Maritime Logistics DEEP-C decarbonisation project

Launched February 2024 after comprehensive collaboration and testing. DEEP-C represents a tailored maritime sustainability programme to drive energy efficiency, emission reductions, and cost savings.

- Significant carbon emission decreases expected
- Fosters culture of innovation and environmental responsibility
- Unlocks new optimisation opportunities leveraging data

Markey Machine Agile-Concept Bow Hawser Winch, Class III with ARR

Innovative escort winch system setting new benchmarks for performance, safety and efficiency in tug operations. Features compact design, automatic tension control and real-time line pull monitoring.

- Enhanced safety through reduced snap loads and line wear
- Equal power for inhaul and payout, improving escort capabilities
- Automatic line control reduces operator fatigue in extended operations