SEA.AI
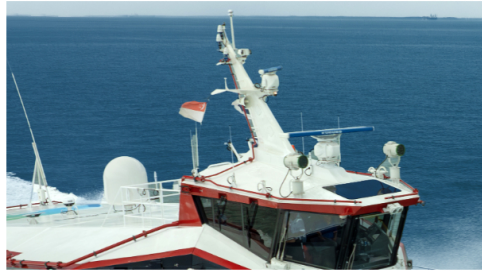
Sea.AI Enhances Safety Onboard World's Fastest Crew Transfer Vessels

Sea.AI, the leader in AI-powered maritime safety solutions, has announced the integration of its Sentry system into the first three cutting-edge AIRCAT Vessels, marking a major advancement in offshore navigational safety.

Designed for crew transfers in offshore industries such as wind farms and oil & gas installations, these vessels use powerful fans to generate an air cushion between the catamaran hulls. This unique vessel design, called a "Surface Effect Ship" or SES, minimizes hull drag and resistance to reduce emissions and enhance speed and efficiency. Now, these innovative vessels come with the added intelligence of Sea.AI's Sentry system for enhanced situational awareness at sea.

Revolutionizing Offshore Transport with AI-Powered Safety

The AIRCAT 35 Crewliner Series are 35-metre and 80-passenger vessels that achieve speeds of up to 53 knots, making them the fastest crew transfer vessels in the world. With the integration of Sea.AI's Sentry, these vessels now have an extra layer of safety, security, and operational intelligence.

"From the very start, we saw the immense potential of machine vision technology for maritime safety. It was only natural for us to integrate such innovative and proven technology into our vessels," said **Jérôme Arnold, CEO of AIRCAT Vessels**. *"With the speeds and operational environments we navigate, having Sea.AI's Sentry onboard is not just an upgrade—it's a game-changer for safety and efficiency."*

Advanced Machine Vision for Critical Maritime Operations

Sentry provides 24-hour, 360-degree surveillance all the way to the horizon, even in the most adverse conditions. Leveraging high-performance thermal and optical sensors paired with AI-driven object detection, target tracking, and collision avoidance, the system automatically classifies a wide range of objects including floating debris, rafts, buoys, boats not equipped with AIS, and persons overboard.

"The integration of our Sentry system into AIRCAT vessels underscores our commitment to making maritime operations safer and smarter," said **Marcus Warrelmann, CEO of Sea.AI**. *"Whether it's detecting potential hazards, tracking a person overboard, or enhancing situational awareness, our AI-driven technology provides a new level of confidence for operators working in offshore environments."*

SEA.AI Experience - AIRCAT Vessels

"The Sentry system provides additional navigational safety, allowing us to detect thermal differences even in poor visibility conditions. This is crucial for spotting fires, monitoring non-visible heat sources, and even detecting people in the water during search and rescue operations." said **Eduard Ercegovic,** Technical Director at Aircat Vessels and Master Mariner.

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About SEA.AI

SEA.AI is a leader in Machine Vision technology for maritime applications. With a team of over 60 professionals across Austria, France, Portugal, and the United States, SEA.AI is setting a new safety standard at sea. Its products integrate optical and thermal sensors with AI to enhance maritime safety and security. SEA.AI systems detect and identify floating hazards in real time, providing immediate alerts to crews. This technology is available in various versions tailored to the needs of pleasure, commercial, search and rescue, and governmental vessels, including unmanned surface vessels.

www.sea.ai

About AIRCAT Vessels

Founded by experienced marine industry professionals, AIRCAT Vessels is a leader in maritime innovation, specializing in high-speed air-cushion vessels for safe and efficient offshore operations. Our mission is to revolutionize maritime transportation in the offshore energy sector with our advanced Surface Effect Ships (SES). These air-cushioned catamarans deliver superior speed, fuel efficiency, seakeeping capabilities, and increased safety during transfers, enhancing operational performance while reducing environmental impact. Designed in partnership with ESNA, leading experts in the field, AIRCAT Vessels are adept for a wide range of applications across the commercial, governmental, and defense sectors worldwide.

www.aircat-vessels.com

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