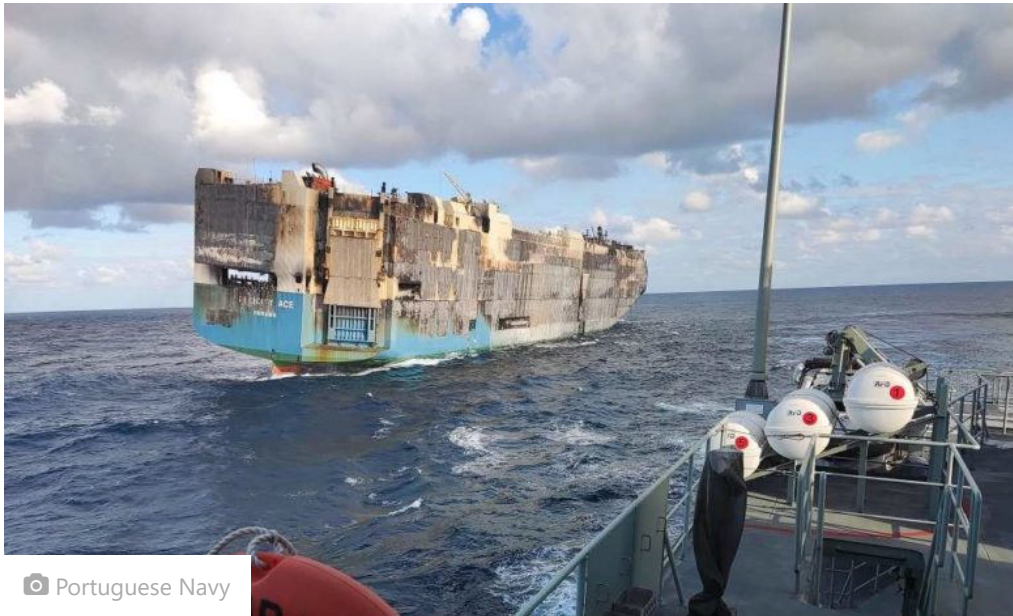


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MOL rolls out tech to combat fire scourge across its car carrier fleet



Sam Chambers • November 15, 2023 0 439 1 minute read



Portuguese Navy

Japanese shipowner Mitsui OSK Lines (MOL) will install cameras and an AI system developed by Israeli firm Captain's Eye in the cargo holds of most of its LNG-fuelled car carriers to provide early fire detection capabilities. The devices will be installed on 10 vessels currently on order, and the company will consider retrofitting current in-service vessels with the system.

The Captain's Eye AI system sends an alert to crewmembers onboard the vessel and to the onshore shipmanagement company when it detects abnormal images captured by the cameras. All MOL car carriers are currently equipped with fire alarms, but the AI-based system will enable faster smoke detection. In addition, images of the cargo hold can be viewed from both the vessel and on land, leading to a faster response in case of fire.

Captain's Eye AI systems are mainly used to detect abnormalities in the engine room and on deck and have been introduced on merchant ships and other vessels around the world. In collaboration with Captain's Eye, MOL has conducted demonstration tests of the AI system's smoke

detection capabilities using cameras in cargo holds aboard the car carrier *Onyx Ace*.

MOL is one of many shipowners who have suffered fires onboard car carriers in recent years, a trend that has grown with the rise of battery-powered cars.

#Japan