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# Exail achieves world first with 1,100nautical-mile autonomous USV transit across Gibraltar Strait

La Ciotat, France — September 25, 2025 —Exail has achieved a major milestone in maritime autonomy with its DriX O-16 transoceanic uncrewed surface vehicle (USV). The 16-meter platform has just completed an unprecedented 1,100-nautical-mile (2,000 km) transit from La Ciotat — France, to Troia — Portugal, to join NATO's REPMUS 2025 exercise.

Sailing past the Balearic Islands and through the Strait of Gibraltar, one of the world's busiest maritime passages, the DriX O-16 completed the voyage in six days without port calls. Operated in supervised autonomy from Exail's Remote Operation Center (ROC) in La Ciotat, the mission demonstrated endurance, situational awareness, and reliable decision-making in dense traffic.

## A decisive step in operational maturity

This long-range deployment confirms the robustness, safety, and operational readiness of Exail's surface drone technology. More than a symbolic crossing, it provides concrete proof that large USVs can be remotely supervised across open waters and constrained sea lanes, arriving fully mission-capable in theater without heavy logistical support. During the transit, the DriX O-16 also conducted seabed mapping operations with a Kongsberg EM304 multibeam echosounder, further demonstrating its capacity to deliver valuable data while underway.

"With this unprecedented long-range transit, Exail's DriX O-16 shows that large USVs are now an operational reality," said Sébastien Grall, Head of Maritime Autonomy Solutions at Exail. "As the first uncrewed platform to successfully execute such a mission, it sets a new benchmark in surface autonomy—safe, reliable, and mission-ready."

### **About Exail**

Exail is a leading high-tech industrial company specializing in cutting-edge robotics, maritime, navigation, aerospace and photonics technologies. With a strong entrepreneurial culture, Exail delivers unrivaled performance, reliability and safety to its civil and defense clients operating in severe environments. From the deep sea to outer space, Exail expands their capabilities with a full range of robust in-house manufactured components, products, and systems. Employing a workforce of 2000+ people worldwide, the company benefits from a global footprint and conducts its business in over 80 countries. Exail was formed by ECA Group and iXblue joining forces in 2022. It is a subsidiary of Exail Technologies, a family-owned company specialized in high-technology.

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