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**PRESS
RELEASE**

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Exail introduces new inertial navigation system for amphibious operations

Villepinte, France – June, 15, 2026 – Exail, a global leader in navigation systems for defense applications, unveils the Advans Vega SL, a new high-precision inertial navigation system maintaining navigation continuity across amphibious operations.

In contested littoral environments, maintaining reliable navigation across the sea-to-land transition remains a persistent challenge for amphibious forces. In the event of GNSS jamming, spoofing, or signal unavailability, the Advans Vega SL operates independently of any external signal from vessel departure to shore, ensuring forces maintain continuous positioning and fire control readiness without reconfiguration at any stage.

As a single, self-contained solution covering both maritime and land phases, it also removes the integration constraints associated with multi-system architectures, which typically require reconfiguration or handover at the water-to-land transition.

"GNSS signal denial is now an operational assumption in any amphibious and littoral combat planning. The Advans Vega SL removes satellite dependency at the most exposed phase of an amphibious operation, giving forces the autonomy to project ashore on their own terms," said Yann Le Balc'h, Business Development Manager for Land Defense at Exail.

Drawing on Exail's Fiber Optic Gyroscope technology, the Advans Vega SL delivers 0.05° RMS heading accuracy in the maritime phase and 0.5 mils RMS on land – the highest navigation precision achieved to date in a system designed for the full sea-to-land transition. This performance level is rooted in decades of navigation expertise across land and naval operations, now brought to bear on a capability requirement that has become increasingly critical in modern amphibious warfare. With navigation systems in service with more than 70 navies and land forces worldwide, Exail is a recognised supplier for defense forces requiring sovereign, signal-independent positioning capability across all operational domains.

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 2200+ 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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