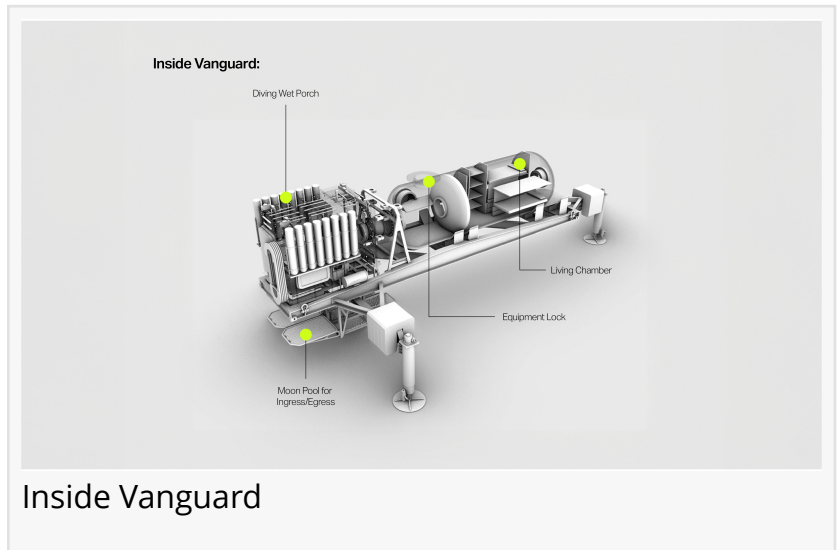


# Progress towards subsea human habitation with Vanguard

HUNGERFORD, UNITED KINGDOM,  
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EINPresswire.com/ -- DEEP® is on a mission to make humans aquatic in order to enable researchers and scientists to learn more about the ocean by living, working, and exploring undersea at up to 200 metres for up to 28 days at a time. Sentinel®, their subsea human habitat system, is scheduled to be in the water by the end of 2027.



One year on from sharing their ambitions with the world, DEEP is announcing their first pilot habitat, under the project name [Vanguard](#), which will be launched in early 2025.

Vanguard is the precursor to the larger Sentinel system. It's a three-person crew, expedition class habitat, designed primarily for shorter-term missions such as training, reconnaissance, and recovery.

Vanguard is the first underwater human habitat DEEP is building and testing at its Campus facility near Bristol. It will be integral for testing and taking learnings that can be applied to building Sentinel.

Kristen Tertoolle, CEO of DEEP, explains: "Vanguard will give us vital operational and build experience that can be applied to Sentinel. It's one of the crucial steps in the progress curve towards having a permanent human presence under the ocean, which is hugely exciting for underwater exploration and technology."

Timmy Gambin, Professor of Maritime Archaeology at the University of Malta, says: "A small transportable habitat for divers to operate safely from, providing extended dive times on sites with limited accessibility, will significantly accelerate the evolution of underwater archaeology."

Ed O'Brien, Dive Operations Manager at Woods Hole Oceanographic Institution, adds: "DEEP's

three-person habitat is a paradigm shift for scientific diving operations. The safety, efficiency and connexional ocean/human experience is profound. Scientists will flourish in their discipline in this immersive environment. The future is moving into the now with DEEP's subsea efforts."

For more information, press enquiries and accreditation for the launch of Vanguard please contact: [press@deep.com](mailto:press@deep.com)

#### About DEEP

Headquartered in the UK and operating globally, DEEP is an ocean exploration and technology company on a mission to make humans aquatic. The ocean covers more than 70% of the Earth's surface, yet only 5% of it has been explored. The keystone of DEEP's solution is the Sentinel human habitat platform, which is a system of standardised modules that can be assembled and deployed in an infinite number of configurations at depths of up to 200 metres anywhere on the ocean's continental shelf. The Sentinel system provides humans with a scalable means of accessing these environments, making possible in days or weeks research that would take years using traditional dive and submersible techniques. DEEP Campus, based near Bristol, is the largest controlled-water facility dedicated to marine engineering, exploration and research in the world, and is where testing will take place.

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