

Seaeye Falcon chosen for archaeology and offshore energy projects



Italy's DST (Deep Sea Technology) has chosen a 1,000m-rated Saab Seaeye Falcon DR robotic vehicle to support archaeological research and offshore energy. The Seaeye Falcon DR will be employed by Naples-based DST, a commercial diving business, across its operations supporting offshore energy and maritime archaeology in both shallow and deep waters.

The Falcon package includes a Tritech Super SeaPrince sonar and skid-mounted five-function manipulator and rope cutter.

"The Falcon DR will extend our operational capabilities," said Alessandro Scuotto, CEO of DST. "It will operate in both single configuration and for diver support, and we plan to further enhance the vehicle with new system options in the future."

The [Seaeye Falcon](#) has a proven record globally in many marine archaeological missions involving filming, recording, surveying and delicately recovering artefacts when appropriate. During diving operations, the Falcon can helpfully preview dive sites, watch over divers and save time by transporting tools and materials back and forth.

The robotic vehicle has a reliability record covering over a million hours underwater. Its success comes from having the power and intelligent control to handle a wide range of resources for undertaking numerous intricate and demanding tasks in strong currents and turbulent waters.

Just a metre in size, the Falcon is easily handled, and its iCON intelligent control architecture, combined with five powerful thrusters, allows precise manoeuvrability among complex structures, while loaded with various cameras, sensors and tooling typically found on much larger robotic vehicles.



DST divers working on the wreck of a Spanish galleon off the Sardinian west coast. (Image courtesy: Deep Sea Technology)