Teledyne Gavia Introduces ASW Training Target Module

A global leader in the provision of low-logistics autonomous underwater vehicles (AUVs), Teledyne Gavia has announced the recent delivery to an undisclosed military customer of a sonar transponder module (STM) for ASW training. The STM module made by Scanmatic AS of Norway and integrated into a Gavia payload module is capable of receiving and retransmitting sonar signals for training sonar operators. The STM consists of a flooded transducer compartment, an electronic compartment and a hydrophone that is towed behind the Gavia AUV. The STM is programmable to emulate different types of realistic submarine target characteristics including sizes and speeds for cost-effective and re-usable ASW training applications.

When a Gavia vehicle is not utilising the STM module, it can be configured for a variety of other applications including MCM, SAR and REA operations. STM modules are suitable for use with all existing Gavia vehicles in the field.

Gavia AUV configured with Sonar Training Target module installed.

Fully modular system

The Gavia AUV is an autonomous sensor platform that is user configurable by the addition of one or more sensor, navigation or battery modules by means of a twist lock system. The Gavia AUV is a low-logistics, fully modular system designed for operation from vessels of opportunity and has one of the greatest depth ratings of any vehicle in its class. The modular design of the Gavia ensures maximum mission flexibility and system upgradability. Module options include acoustic payloads for ASW training, various sidescan sonars, multibeam sonars, camera and an array of environmental sensors.