Teledyne Gavia Signs Framework Agreement with Danish Navy

Teledyne Gavia, specialised in the provision of low-logistic autonomous underwater vehicles (AUVs), has recently signed a framework agreement for spares and support for Gavia vehicles with the Danish Defence Acquisition and Logistics Organisation (DALO), a joint service unit under the Ministry of Defence. As a part of this agreement, Gavia modules including a Sonar Transponder Module (STM) were recently delivered to DALO as spares for a Gavia system that was delivered in 2008. Notably the originally delivered Gavia vehicle is still operational after significant use over the past decade by the Danish Navy.

The STM module from Scanmatic AS of Norway is a module for receiving and re-transmitting sonar signals which allows for a standard Gavia vehicle to be utilised as an ASW training target to train sonar operators. The STM consist of a flooded transducer compartment, an electronic compartment and a hydrophone that is towed behind the Gavia AUV and is capable of simulating pre-programmed target characteristics. The STM is programmable to emulate different type of realistic submarine target sizes and speeds for cost effective and re-usable ASW training capability.

Vessels of opportunity

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 applications. STM modules are suitable for use with all existing Gavia vehicles in the field.

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 unique twist lock system. The Gavia AUV is a fully low logistics modular system designed for operation from vessels of opportunity and has the greatest depth rating 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 side scan sonars, multibeams, camera, and an array of environmental sensors.