

# Kongsberg Highlights Compact Acoustic Solutions and AUVs

Alongside the autonomous underwater vehicles (AUVs) available for mine countermeasures (MCM), the Kongsberg stand (C40) at Underwater Defence Technology (UDT 2017) in Bremen, Germany, will host Kongsberg Maritime's compact acoustics solutions, which are used on small platforms by navies in littoral areas for diverse missions including anti-submarine warfare (ASW), search and rescue (SAR) and MCM.

A core focus for UDT 2017 is compact sonar for Littorals. The Kongsberg product portfolio consists of several solutions for this purpose, suitable for installation on a wide variety of littoral platforms including unmanned surface vehicles (USV), unmanned aerial vehicles (UAV) and AUVs, in addition to other small remote operated platforms.

## Dual Role for Hugin AUVs

Kongsberg's Hugin AUVs will also be at UDT 2017. These vehicles are used for MCM operations by several countries including Norway, Finland and Italy. They are an efficient platform, considering the dual missions of most mine-clearing vessels. During combat operations, Hugin AUVs localise and sweep for mines; in peacetime, they contribute towards bottom mapping and other hydrographic tasks. The two tasks are related but require the levels of flexibility and reliability characterising the Hugin design.

In March 2017, Kongsberg Maritime signed a contract with the Norwegian Defence Material Agency (NDMA) for delivery of four new, complete Hugin AUV systems (Autonomous Underwater Vehicles) for detection, classification and identification of mines. The contract expands the Norwegian armed forces' MCM capabilities, adding to the existing Hugin fleet in use by the Royal Norwegian Navy (RNoN) for over 15 years.

Kongsberg will launch a new concept in August 2017, developed in collaboration with Norwegian government and armed forces partners to expand the use of sonar and unmanned vehicles within the MCM operational scope.

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