

## REMONTOWA SHIPBUILDING CHOOSES KONGSBERG HUGIN AUV FOR POLISH NAVY MINE COUNTERMEASURES

Remontowa Shipbuilding in Gdansk, Poland, has selected Kongsberg Maritime to supply a HUGIN 1000 MR Autonomous Underwater Vehicle (AUV) and associated underwater communications and positioning equipment for mine countermeasures (MCM) applications, as part of a minehunter class vessel delivery for the Polish Navy.



KONGSBERG HUGIN 1000

The HUGIN 1000 MR AUV has been selected as it is specifically designed for MCM operations and can detect, classify and identify mines in a single mission. The delivery includes the HiPAP underwater communication and positioning system, which provides USBL updates and underwater data communication with the HUGIN 1000, or other underwater vehicles.

HUGIN is currently operational with several navies around the world including the Royal Norwegian Navy, the Finnish Navy and the Italian Navy, in addition to being used by commercial companies. It is capable of performing high-speed surveys with excellent navigation and payload data quality to a depth of 1000, 3000 or 4500 metres, depending on configuration. It can carry several different types of high performance survey sensors for synchronised and simultaneous operation.



The HUGIN concept allows integration of alternative sensors for geophysical, search and inspection purposes, subject to customer demands. Naval applications include MCM, Rapid Environmental Assessment (REA)/Battle-space access, and Intelligence, Surveillance and Reconnaissance (ISR). Commercial applications include offshore oil and gas geophysical survey, inspection of pipelines and underwater engineering structures, environmental monitoring, hydrography and marine research.

Remontowa Shipbuilding is the prime contractor for delivering the new minehunter class vessels for the Polish Navy. The HUGIN contract was negotiated in cooperation with ESCORT Ltd., Kongsberg Maritime's subsea representative in Poland.

Photo: Tore Osvold, Area Sales Manager UNAV, KONGSBERG (left), Bartłomiej Pomierski, Project Manager, Remontowa Shipbuilding (middle), Lars Magnus Torp, Area Sales Manager AUV, KONGSBERG (right).



## About Kongsberg Maritime

Kongsberg Maritime is part of Kongsberg Gruppen (KONGSBERG), an international, knowledge-based group that celebrates 200 years in business during 2014. KONGSBERG supplies high-technology systems and solutions to customers in the oil and gas industry, the merchant marine, and the defence and aerospace industries.

Kongsberg Maritime is a global marine technology company providing innovative and reliable technology solutions for all marine industry sectors including merchant, offshore, subsea and naval. Headquartered in Kongsberg, Norway, the company has manufacturing, sales and service facilities in 17 countries.

Kongsberg Maritime develops automation, control, navigation, dynamic positioning, hydroacoustics, AUV/underwater navigation/communication/camera systems, marine and offshore simulators and aft deck solutions for the seismic fleet. All Kongsberg Maritime deliveries are tailored to exact customer requirements and benefit from high quality design and manufacturing.

Kongsberg Maritime delivers solutions that cover all aspects of technology underwater and on the water, aboard new build and retrofit vessels, and on offshore platforms and rigs, often under a single supplier strategy called The Full Picture.

[www.km.kongsberg.com](http://www.km.kongsberg.com)

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