



HUGIN AUV System

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Kongsberg Maritime: Swire Seabed AS orders a HUGIN Autonomous Underwater Vehicle

Horten, Norway, 17 January 2019 – Kongsberg Maritime is pleased to announce that Swire Seabed AS of Bergen, Norway has ordered a HUGIN AUV System configured for commercial survey applications.

The Swire Seabed HUGIN AUV System is rated to 4500 metres and equipped with Kongsberg Maritime's HISAS 1032 Synthetic Aperture Sonar and EM2040 multibeam echosounder. Other payload sensors integrated in the Swire

Seabed HUGIN AUV include the CathX Ocean 48.5-degree field of view still image camera and laser profiler, a sub-bottom profiler, magnetometer and turbidity sensor.

To make best use of the extensive payload sensor suite, the Swire Seabed HUGIN also includes Kongsberg Maritime's automatic pipeline tracking solution, which utilises the HISAS Synthetic Aperture Sonar or EM2040 multibeam echo sounder to track alongside or above a pipeline, to conduct survey and inspection tasks.

The HUGIN AUV System is containerised and designed for simple mobilisation. Everything for day-to-day operations is installed in an 'AUV van' including the launch and recovery system (LARS). The Swire Seabed HUGIN includes a new LARS designed and manufactured by Kongsberg Evotec for high sea state and high freeboard operation of AUVs.

"We welcome Swire Seabed to the HUGIN AUV family," said Atle Gran, Area Sales Manager for Marine Robotics. "This HUGIN has a wide array of sensors and capabilities making it suitable for many different types of commercial applications including pipeline inspection, geophysical survey and hydrography."

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About Kongsberg Maritime

Kongsberg Maritime is part of Kongsberg Gruppen (KONGSBERG), an international, knowledge-based group that celebrated 200 years in business during 2014.

Headquartered in Kongsberg, Norway, Kongsberg Maritime has manufacturing, sales and service facilities in 20 countries providing innovative and reliable technology solutions for all marine industry sectors including seaborne transportation, offshore oil and gas, subsea, aquaculture and naval.

Kongsberg's marine robotics solutions are developed and manufactured in Horten, Norway, in parallel with acoustic sensors for seabed mapping, underwater navigation, positioning and communications, fishery, aquaculture and naval sonars.

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