



Bathymetric images of the Nessie model, created this week using the data captured from Kongsberg Maritime Ltd's MUNIN AUV

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## Kongsberg Maritime: Creature from the Deep: Kongsberg Maritime's 'Monster' Discovery

Time after time the search has been made, and time after time, they've all come back empty handed. However this week, Kongsberg Maritime Ltd, the UK division of Kongsberg Maritime, has achieved the unimaginable and uncovered the elusive Nessie. That is, the long lost model of Nessie which was used during filming of 1970's "The Private Life of Sherlock Holmes".

The discovery was made during a survey of Loch Ness, led by Kongsberg

Maritime Ltd and supported by The Loch Ness Project and VisitScotland.

Operation Groundtruth is the first survey of its kind in Scotland, making use of Kongsberg Maritime Ltd's recently-launched MUNIN AUV (Autonomous Underwater Vehicle). The highly accurate underwater vehicle features groundbreaking sonar and camera equipment, which provide the ability to map vast areas up to a depth of 1,500m at incredibly high resolution.

As Loch Ness has a reputation of being incredibly difficult to survey, the state-of-the-art MUNIN will undoubtedly reveal brand new information regarding the Loch. Uncovering the 46 year old Nessie model was just the beginning...

Craig Wallace, senior subsea applications engineer at Kongsberg Maritime Ltd is excited to be back at a favourite location: "Kongsberg Maritime Ltd began surveying Loch Ness with some of the world's first multibeam sonar back in 1987. Over the years, the company has returned many times, bringing the latest technology to uncover the Loch's mysteries.

"We expect to uncover new information from the Loch during this survey, as MUNIN is the most advanced low logistics AUV on the market and is the first of the next generation AUVs from Kongsberg Maritime. Merging the cutting edge technology from the commercial sector whilst maintaining the robust reliability from the military market, the vehicle is providing insight to the Loch's depths as never before imagined. Finding Nessie was, of course, an unexpected bonus!"

The MUNIN AUV, which was recently added to Kongsberg Maritime Ltd's Aberdeen-based rental pool, offers significant benefits in terms of low utilisation costs, high reliability, an excellent standard of data quality and easy deployment.

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## **About Kongsberg Maritime Ltd**

Kongsberg Maritime Ltd is the UK division of Kongsberg Maritime and is responsible for sales, equipment rental, and customer support and training. Kongsberg Maritime Ltd delivers systems for dynamic positioning and navigation, marine automation, safety management, cargo handling, subsea survey and construction, and satellite positioning.

## **About Kongsberg Maritime**

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 20 countries and a total of 65 worldwide offices.

Kongsberg Maritime developed systems for vessels cover all aspects of automation, control, navigation, safety and dynamic positioning. Kongsberg Maritime also develops subsea solutions covering systems for Underwater Mapping (UMAP), Underwater Navigation (UNAV), Subsea Monitoring (SUMO) and Marine Robotics in addition underwater cameras.

Marine and offshore training simulators, LNG equipment, information management software, position reference systems, integrated aquaculture technology and advanced products to support seismic and drilling operations are also part of the company's diverse portfolio.

In parallel with its extensive technology portfolio, Kongsberg Maritime provides services within EIT (Electro, Instrument & Telecom) engineering and system integration, on an EPC (Engineering, Procurement & Construction) basis.

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.

Kongsberg Maritime is part of Kongsberg Gruppen (KONGSBERG), an international, knowledge-based group that celebrated 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.

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