



The new Flexview mounted on VideoRay's Defender MSS

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KONGSBERG demos high-resolution imaging sonar for observation-class ROVs at Ocean Business 2019

- [Kongsberg Maritime Ocean Business 2019 Press Kit: 4 of 5](#)
- *New generation Flexview is the first multibeam sonar to introduce a removable transducer, enabling rapid field service with lower downtime. [Live demonstration at Ocean Business on Tuesday, April 9 at 3:00pm](#)*

Southampton, UK, 9th April 2019 – KONGSBERG is pleased to announce that

it will be launching the new, high-resolution version of its Flexview multibeam sonar at Ocean Business 2019 (April 9-11, National Oceanography Centre, Southampton). Where the original Flexview operated at 500kHz, KONGSBERG's latest multibeam technology allows the new model to boast an operating frequency range of between 950-1,400kHz – a significantly higher resolution.

With its modest dimensions, the lightweight Flexview is tailor-made for small, observation-class ROVs for which compact size and ease of deployment are fundamental preconditions. Flexible and efficient, it is suitable for applications ranging from site inspection and clearance, marine engineering and underwater science to environmental monitoring or search and rescue assignments.

Offering both CHIRP (Compressed High-Intensity Radar Pulse) and Doppler modes of operation to detect subsea objects, the new-generation Flexview sonar supplies high-resolution images at short range and high-quality, distortion-free, rapidly-updated images at a range of up to 70m over a 140° sector. This functionality enables the sonar to search for and locate underwater targets far more quickly and efficiently than would previously have been possible.

In addition, the Flexview's innovative removable transducer – an industry first – not only allows onsite replacement of a damaged transducer in the event of any impairment, but is also future-proofed to facilitate the exchange of new, task-specific transducer configurations as and when the need arises.

“The new-generation Flexview really raises the bar in terms of high-resolution image quality and coverage,” says Colin Smith, Product Manager, Kongsberg Mesotech, “and visitors to Ocean Business will be treated to an appropriately clear, close-up inspection of the sonar in action with our Flexview demonstration on the Tuesday afternoon. We invite all attendees to make a point of finding us on stand N1 to find out more about the Flexview and a host of other pioneering items from KONGSBERG's all-encompassing product range.”

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About Kongsberg Maritime

Kongsberg Maritime is a global marine technology company providing innovative and reliable 'Full Picture' technology solutions for all marine industry sectors including merchant, offshore, cruise, subsea and naval. Headquartered in Kongsberg, Norway, Kongsberg Maritime has manufacturing, sales and service facilities in 34 countries.

Kongsberg Maritime solutions cover all aspects of marine automation, safety, manoeuvring, navigation, and dynamic positioning as well as energy management, deck handling and propulsion systems, and ship design services. Subsea solutions include single and multibeam echo sounders, sonars, AUV and USV, underwater navigation and communication systems.

Training courses at locations globally, LNG solutions, information management, position reference systems and technology for seismic and drilling operations are also part of the company's diverse technology portfolio. Additionally, Kongsberg Maritime provides services within EIT

(Electro, Instrument & Telecom) engineering and system integration, on an EPC (Engineering, Procurement & Construction) basis.

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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