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Expectations Surpassed During Successful First Round of US Navy Tests on Cox Powertrain's CXO300 Diesel Outboards

Lancing, UK, 30 July 2019. Cox Powertrain, the British developer and manufacturer of high-powered diesel outboards, is reporting the successful completion of the first round of in-field outboard validation tests by the US Navy. Following the trial of two CXO300s aboard a 9m RIB last week, when the engines achieved a cruise speed of 43 knots at 3,600 rpm, Naval Sea Systems Command (NAVSEA) testers expressed great enthusiasm and

excitement about their performance.

The US Navy has been exploring the use of technologically advanced engines in an effort to improve combat readiness, crew safety and equipment supportability. NAVSEA is responsible for delivering the best possible equipment and systems to the US Navy and the recent trials were run by Brandon Bagwell PE, Senior Mechanical Technical Manager and Project Lead for NAVSEA's Combatant Craft Division.



[Watch video on YouTube here](#)

Cox Powertrain's Global Sales Director, Joel Reid, commented: "This first round of the in-field validation programme has gone extremely well and exceeded all expectations. NAVSEA's testers seemed impressed by the smoothness of the engines and the absence of noise and smoke, which is historically associated with diesel engines. We were delighted that the two CXO300s went beyond their target to achieve a cruise speed of 43 knots"

The CXO300 has generated worldwide interest from civil and government agencies operating fleets of fast response vessels. This game-changing diesel outboard offers the ability to meet the demands of NATO's single-fuel policy, as a safer alternative to gasoline, while also providing exceptional performance and greater range than equivalent 300hp gasoline outboards.

Cox's engineering team, led by Stephen Moore (previously Director, Base Engine Engineering at Ricardo), has spent over a decade developing and perfecting the highest power density outboard ever created for a marine

application. With a four-stroke V8 architecture and a package of similar size and weight to a gasoline outboard equivalent, the CXO300 delivers the performance and efficiency of an inboard with the convenience and flexibility of an outboard. The CXO300 offers at least a 25% better range and 100% higher torque than leading 300hp gasoline outboards, enabling the craft to move higher displacement vessels more efficiently and get vessels onto the plane quicker.

Production of the CXO300 is set to commence at Cox's state-of-the-art manufacturing facility later this year, following over £80m of investment in the firm over the last ten years. Cox is supported by a worldwide network of 40 distributors and around 400 dealers.

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About Cox Powertrain

Cox Powertrain is a world-leading British design and engineering innovator of diesel engines developed for worldwide and multi-market applications.

Based on the South Coast of England, Cox Powertrain is backed by a solid

shareholder base of private and institutional investors. As a result, the company has been able to implement a long-term development programme of ground-breaking new products.

Led by ex-Cosworth CEO, Tim Routsis, whose background lies in engine development in global automotive, aerospace and marine markets, the company's mission is to deliver a completely new concept in diesel engines that has the potential to revolutionise the marine market.

With a strong pedigree in Formula 1 racing and premium automotive design, Cox's highly skilled team of engineers has decades of experience in combustion engines and understand the many difficulties customers are challenged with.

Cox's first ground-breaking diesel outboard performance engine, the CXO300, is the highest power density diesel outboard engine ever developed. As a high power, single fuel engine, the CXO300 delivers the same performance and efficiency of an inboard but with the convenience and flexibility of an outboard.

The CXO300 is due to go into full production in Q3 of 2019. Cox is supported by a worldwide distributor network made up of 40 distributors and 400 dealers.

For further information, visit www.coxmarine.com