

# WORLD DIRECT SHIPPING Selects CR OCEAN ENGINEERING, LLC. for its Latest Scrubber Retrofit Order

*New Jersey-based CR Ocean Engineering wins 3rd scrubber project for World Direct Shipping.*

PARSIPPANY, NJ, USA, July 19, 2022 /EINPresswire.com/ -- WORLD DIRECT SHIPPING selected [CR OCEAN ENGINEERING, LLC.](#) as the preferred scrubbing system supplier for their M/V Queen B III. The decision comes after a lengthy procurement cycle where multiple proposals were considered. It was conducted primarily through the shipping company's technical office in Northern Europe and concluded with contract signature in April 2022. This is now the third project that CR OCEAN ENGINEERING will complete for the company. Previous scrubbers were supplied by CR OCEAN ENGINEERING for the company's Queen B and Queen B II vessels.

Although present fuel pricing differential favors using scrubbers, the primary reason for this selection is the comfort in using Heavy Fuel Oil (HFO) as a known and reliable fuel. This move allows WORLD DIRECT SHIPPING to continue using HFO while meeting the strict [IMO/MARPOL](#) regulations and safeguarding the environment. This CROE MULTISTREAM SCRUBBER will remove about 5 Tons per day of Sulfur Dioxide (SO<sub>2</sub>) emissions from the



Exhaust Gas Scrubbers Solutions



Retrofitting Scrubber into Vessel



Scrubber Retrofitting Process

combined exhaust from the main engine plus 3 auxiliary engines. In addition to greatly reducing the SO<sub>2</sub> emissions, hence contributing to reduction of acid rain, several studies have now shown that scrubbers also reduce the larger airborne particles and, in conjunction with HFO, have a carbon footprint that is significantly smaller than when using low sulfur fuels such as VLSFO and MGO.

The [CROE® Scrubber](#) for the Queen B III will be Open Loop with the ability to be modified later to Closed Loop or Hybrid. It will also be designed to have a “bottom Inlet” configuration and will be installed outside the existing funnel, thus allowing for maximum pre-assembly and faster installation. CR OCEAN ENGINEERING has supplied Open Loop, Closed Loop and Hybrid systems to the maritime industry over the past several years with both In-Line and Side-Inlet designs. CR OCEAN ENGINEERING is presently also in the final stages of development of systems to reduce Fine Particles (PM<sub>2.5</sub>), Black Carbon and CO<sub>2</sub>. Once commercialized, these add-on modules can be added to new or existing scrubbing systems.

CR OCEAN ENGINEERING, LLC. ([www.croceanx.com](http://www.croceanx.com)) is a leading supplier of exhaust gas cleaning systems (scrubbers). With its roots dating back to 1917 and more than 60 years of scrubbing system design experience, CR OCEAN ENGINEERING is one of the most respected scrubber suppliers in the world. CROE® products are totally customizable and competitively priced. The CROE® technology offers to shipowners a low cost, easy fit and highly reliable alternate to low sulfur fuel. With manufacturing, service and sales located around the globe, CR OCEAN ENGINEERING is a true global partner for any shipping company.

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#### ABOUT CR OCEAN ENGINEERING

CR Ocean Engineering, LLC. offers its proven exhaust gas scrubbing technology as an economic alternative to the high-priced low sulfur fuel, providing the necessary reliability and the assurance of meeting the 0.1% Sulfur fuel equivalency when burning high-sulfur lower cost fuels.

CR Ocean Engineering Exhaust Gas Scrubbing Technology: ideal for cruise ships, ferries, bulk carriers, containerships, RoRo, and others.

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Privately held manufacturer of marine exhaust emissions technology, tracing its roots to 1917.

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