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# Roxtec seals protect the world’s first LNG-powered tanker

Roxtec transits are used on the crude oil tanker powered by liquefied natural gas.

Hyundai Samho Heavy Industries chose the Roxtec RS sealing solution for the world's first LNG-powered 114K tanker, ordered by Russia’s Sovcomflot. LNG propulsion has so far been applied to small- and mid-sized vessels, but this is the first time ever that the concept has been applied to large-sized vessels. The ship will be chartered by Shell and operated by the Green Funnel Project.

## International certification

An affiliate of Hyundai Heavy Industries, Hyundai Samho Heavy Industries is one of the world leaders in shipbuilding and marine technology as well as one of South Korea’s representative shipyards. All products that are used at the shipyard are certified by the Bureau Veritas Korea.

Considering the Russian ship owners, the shipyard was required to build the ship also in accordance with the requirements of the RMRS, Russian Maritime Register of Shipping. Since Roxtec transits are certified by the RMRS, the shipyard was able to meet that challenge.

## Supporting the shipyard

In order to ensure safety and to simplify the construction of the ship, Roxtec is present all along the project providing information on reports, certificates and solutions for fire protection, water-tightness, air-tightness, temperature resistance, explosion protection, and durability.

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About Roxtec and Multidiameter™

Swedish Roxtec Group is the world-leading provider of modular-based cable and pipe seals. The company’s invention for adaptability to cables and pipes of different sizes, Multidiameter™, is based on sealing modules with removable rubber layers and allows for a perfect sealing, regardless of the outside dimension of the cable or pipe. The technology simplifies design, speeds up installation and reduces the need for stock, material and logistics. It also provides spare capacity for upgrades. Roxtec serves and supports customers in more than 80 markets through subsidiaries and distributors. For more information, please visit [www.roxtec.com](http://www.roxtec.com)