News Release

January 4, 2022

Route Optimization and Performance Monitoring to Go on Sale

Nabtesco Corporation (headquarters: Chiyoda-ku, Tokyo, President & CEO: Katsuhiro Teramoto) hereby announces that its Marine Control Systems Company will start selling route optimization and performance monitoring for marine vessels.

In July 2021, Nabtesco Technology Ventures L.P. invested in R.K. Deep Sea Technologies Ltd. (hereinafter, "Deep Sea"). Based on the agency agreement recently concluded with Deep Sea, the Marine Control Systems Company of Nabtesco Corporation will start selling the following systems developed by Deep Sea, targeting customers in Japan, China and South Korea..

The "Pythia," route optimization, is based on a machine learning, utilizing ship operation data, and offers the optimal navigation route, considering meteorological and oceanographic phenomena as well as hull fouling. The "Cassandra," performance monitoring, supports the management of the vessel performance by monitoring fuel consumption and vessel/engine condition during actual operation, based on the use of AI technology, as with the Pythia.

Going forward, by combining Nabtesco's marine engine remote control systems with the aforementioned systems offered by Deep Sea, Nabtesco will provide digital solutions for reduction of CO_2 emission from vessels and achievement of autonomous shipping, and thereby contribute reduction of environmental impact and digital transformation (DX) in the maritime industry.

End

Illustrative depiction of the route optimization