

Press release

22<sup>nd</sup> February 2019

## New thrusters on Scandlines' hybrid ferries will reduce underwater noise and air emissions in the Fehmarn Belt

*All thrusters – the ships' propulsion systems – on Scandlines' four hybrid ferries on the route between Puttgarden (Germany) and Rødby (Denmark) will be exchanged with new thrusters that allow a homogenous water flow, which gives less noise and vibration. The exchange lessens the environmental impact significantly. Reduced underwater noise and less vibration can improve the conditions for the marine life in the Fehmarn Belt area – among these the harbour porpoises. Furthermore, easier water flow during propulsion ultimately reduces emissions, including CO<sub>2</sub>.*

"The new thrusters are an important element on our way towards zero emission – and I am very pleased that this can be combined with less impact on the underwater life in Fehmarn Belt," says Søren Poulsgaard Jensen, CEO of Scandlines. "The investment is a very clear signal from our investors that our zero emission strategy and our aim to become the green alternative to a possible tunnel has their full support."

The total investment in the new thrusters is more than 13 million EUR.

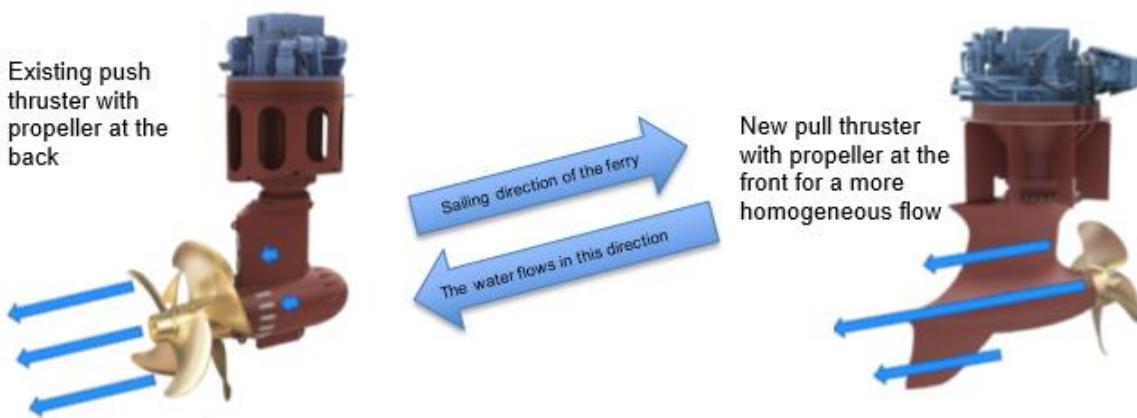
NABU (the German Nature and Biodiversity Conservation Union) is pleased with Scandlines' decision to change to more efficient thrusters:

"Scandlines proves its commitment to more environmental friendly shipping. This is not only good news for marine life in Fehmarn Belt, but also a step towards zero emission propulsion," says their Fehmarn Belt expert Malte Siegert.

The ships' propulsion system consists of four thrusters – one in each corner of the ferry. So in all 16 thrusters will be exchanged. The first ferry will have its thrusters exchanged in the autumn of 2019 and all ferries will be equipped with the new thrusters in 2020. The retrofit is accompanied by a research project in cooperation with NABU to evaluate the noise reduction levels and to discuss technical best practice with relevant stakeholders.

The 16 new thrusters will be delivered by Rolls-Royce Commercial Marine, together with a new automation and control system for each ship.

"In our view, Scandlines is now taking a smart approach towards a greener fleet. Our tests of the chosen solution have shown a significant efficiency improvement, which again will deliver a reduction of CO<sub>2</sub> emissions," says Kjetil Nilsen, VP Sales Services, Rolls-Royce Commercial Marine.



### **About Scandlines**

Scandlines stands as a symbol of a historical and close cooperation between Denmark and Germany since 1872. Under the name Scandlines, two ferry routes are marketed with high capacity and frequency as well as with a green vision for the future.

The core business is to provide an efficient and reliable transport service for both passengers and freight customers. The main focus for all activities in Scandlines is to create value for our customers on board the ferries as well as in our shops.

With more than 42,000 departures on 8 ferries, in 2017 Scandlines transported 7.6 million passengers, 1.8 million cars and more than 650,000 freight units and 38,000 busses on the routes Puttgarden-Rødby and Rostock-Gedser.

Read more about Scandlines at [www.scandlines.com](http://www.scandlines.com)

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High resolution press photos can be downloaded [here](#)

### **About Rolls-Royce plc**

Rolls-Royce plc pioneers cutting-edge technologies that deliver the cleanest, safest and most competitive solutions to meet our planet's vital power needs.

The Commercial Marine business of Rolls-Royce is at the forefront of innovation and experience in the Maritime sector. Further information is available at [www.rolls-royce.com/marine](http://www.rolls-royce.com/marine)

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