**February 2018**

**Trelleborg’s Latest Whitepaper Emphasizes the Importance of Manufacturing Methods in Ensuring Fender Quality**

Trelleborg’s marine systems operation has launched a new whitepaper highlighting the impact of the manufacturing process on the performance, safety, and longevity of pneumatic fenders.

Titled ‘Pneumatic Fenders: Manufacturing Methods Matter’, the whitepaper explores the difference in fenders manufactured using the airbag manufacturing method without employing a mold, and fenders manufactured conventionally using a mold, to highlight the impact of the manufacturing process on fender quality.

Mishra Kumar, Global Technical Director for Marine Fenders at Trelleborg’s marine systems operation, said: "Pneumatic fenders are extensively used for ship-to-ship transfers mid sea, double banking operations, and as vessel-to-berth at dock/jetties. Therefore it is vital that they are not only of high quality, but are extremely reliable, to guarantee effective performance in even the harshest environmental conditions.

“Each and every pneumatic fender must comply with the ISO 17357-1:2014 standard to ensure they follow the correct manufacturing process. The major concern for the industry is that there is an influx of manufacturers employing airbag production methods resulting in fenders that don’t usually comply with all of the recommended manufacturing process guidelines or compound properties as specified under the ISO 17357-1:2014 standard.

“By using the conventional method, whereby the entire fender is built inside a mold and vulcanized with it in an autoclave, a clear positive impact is seen on the appearance, dimensional stability and the bonding between layers, leading to a more reliable and long lasting fender.”

To read the whitepaper, visit: <http://ow.ly/QYNt30itWOP>

**-Ends-**

For more information about Trelleborg’s marine operation please contact Richard Hepworth, President, Trelleborg Marine Systems, [richard.hepworth@trelleborg.com](mailto:richard.hepworth@trelleborg.com)

For further press information please contact Chris Sanders at Stein IAS, Clarence Mill, Clarence Road, Bollington, SK10 5JZ, United Kingdom. Tel: + 44 (0) 1625 578 578; Email: [chris.sanders@steinias.com](mailto:chris.sanders@steinias.com)

### *Notes to Editors: Trelleborg’s marine operation and Trelleborg Group*

The marine operation of the Trelleborg Offshore & Construction business area, manufactures and installs bespoke fender systems, docking and mooring equipment, oil and gas transfer technology and vessel efficiency technology for marine environments all over the world.  Its polymer engineering expertise also extends to its range of general marine products, including navigation aids and buoys.

[www.trelleborg.com/marine](http://www.trelleborg.com/marine)

***Trelleborg*** *is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has annual sales of about SEK 32 billion (EUR 3.28 billion, USD 3.69 billion) and operations in about 50 countries. The Group comprises five business areas: Trelleborg Coated Systems, Trelleborg Industrial Solutions, Trelleborg Offshore & Construction, Trelleborg Sealing Solutions and Trelleborg Wheel Systems. The Trelleborg share has been listed on the Stock Exchange since 1964 and is listed on Nasdaq Stockholm, Large Cap.* [*www.trelleborg.com*](http://www.trelleborg.com)*.*