

## **Damen Shipyards to Install Trojan Marinex<sup>™</sup> Ballast Water Treatment Systems on New Fleet of Platform Supply Vessels**

LONDON, CANADA – September 10, 2014 – Trojan Marinex today announced that Damen Shipyards has selected the Trojan Marinex Ballast Water Treatment (BWT) system for a fleet of Platform Supply Vessels (PSVs) it is building for Atlantic Towing Limited – a Canadian-owned marine transportation company.

“It’s been an exciting year for us,” says Marv DeVries, president, Trojan Technologies. “Our entire product suite achieved IMO Type Approval in March, AMS acceptance in August, and we are on course for U.S. Coast Guard Type Approval. Now, alongside our partners at Damen, we are pleased to announce this order for Atlantic Towing.”

When launched, the vessels will operate in the challenging, subarctic waters of the Hibernia and Hebron oil fields, off Newfoundland and Labrador. “These PSVs will be sailing in extremely tough conditions,” explains Jan van Hogerwou, manager North America, Damen Shipyards Gorinchem. “The Trojan Marinex system has been tested and approved in tough conditions and under stringent protocols. This was an important factor in our decision.”

Trojan Marinex BWT system testing was conducted under the supervision of DNV – a certified Independent Lab (IL) by the United States Coast Guard (USCG). Testing was conducted in accordance with United States Environmental Protection Agency (USEPA) Environmental Technology Verification (ETV) Ballast Water Protocol. The ETV protocol is a key testing requirement for systems to obtain USCG Type Approval. The system is tested and approved to the lowest UV transmittance value in the industry under full flow conditions, and in all three salinity ranges – freshwater, brackish water, and marine water.

“In addition,” continues van Hogerwou, “we required an extremely compact ballast water treatment system for these vessels. We were quite impressed with the integrated design of the Trojan Marinex system, and its low power draw.” The Trojan Marinex BWT system is up to 50% smaller than others in the industry. This provides additional installation flexibility for both new builds and retrofits. In addition, it offers the lowest installed power draw of other systems in the industry.

### **About Trojan Marinex**

Trojan Marinex ([www.trojanmarinex.com](http://www.trojanmarinex.com)) designs and engineers ballast water treatment systems. These systems are purpose-built for the marine environment and provide filtration + UV in a single, compact unit. In addition to the rigorous certification and testing methodologies employed, the Trojan Marinex BWT system is differentiated in that custom-designed filtration and UV is integrated into in a single, compact unit. TrojanUV Solo Lamp<sup>™</sup> Technology was utilized to ensure the lowest installed power draw of other systems in the market. This extremely low power draw means that larger vessels, such as bulkers and tankers, can effectively choose a UV-based solution.

The Trojan Marinex BWT product suite achieved IMO Type Approval in March 2014 and USCG AMS Acceptance in August 2014.

Trojan Marinex is part of the Trojan Technologies group of businesses ([www.trojantechnologies.com](http://www.trojantechnologies.com)).

### **About Damen Shipyards Group**

Damen Shipyards Group ([www.damen.com](http://www.damen.com)) operates 32 ship- and repair yards, employing 8,000 people worldwide. Damen has delivered more than 5,000 vessels in more than 100 countries and delivers approximately 180 vessels annually to customers worldwide. Based on its unique, standardised ship design concept Damen is able to guarantee consistent quality.

Damen's focus on standardisation, modular construction and keeping vessels in stock leads to short delivery times, low 'total cost of ownership', high resale value and reliable performance. Furthermore, Damen vessels are based on thorough R&D and proven technology.

Damen offers a wide range of products, including: tugs, workboats, naval and patrol vessels, high-speed craft, cargo vessels, dredgers, vessels for the offshore industry, ferries, pontoons and super yachts.

For nearly all vessel types Damen offers a broad range of services, such as maintenance, spare parts delivery, training and transfer of (shipbuilding) know-how. Finally, Damen offers a variety of marine components, especially nozzles, (flap-type) rudders, steering gear, anchors, anchor chains and steel works.

###

For more information, please contact:

Jim Cosman  
Market Manager, Trojan Marinex  
[jcosman@trojanmarinex.com](mailto:jcosman@trojanmarinex.com)  
+1 519 200-7906

Tania Testa  
Marketing Communications Director, Trojan Technologies  
[ttesta@trojantechnologies.com](mailto:ttesta@trojantechnologies.com)  
+1 519 457-3400