

For Immediate Release

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Severn Trent De Nora's BALPURE® Ballast Water Treatment System Receives Final Approval

Efficacy of electrochlorination disinfection and BALPURE ballast water treatment system further proven

FORT WASHINGTON, Pa. – 28 October 2010 – The [BALPURE® ballast water treatment system](#) from Severn Trent De Nora received final approval from the International Maritime Organization's Marine Environment Protection Committee* (MEPC) 61st session, 27 September to 1 October, 2010. Type approval of the BALPURE equipment is anticipated in early 2011.

Ballast water is the most frequently cited cause of the introduction and transfer of non-indigenous species (NIS) into waterways. Ballast water treatment systems, especially those based on electrochlorination disinfection, are a proven approach to limiting the introduction and transfer of NIS.

According to Marwan Nesicolaci, Severn Trent Services' vice president of international sales and business development, "Electrochlorination-based ballast water treatment systems such as BALPURE are well suited for ships with high ballast water flow rates such as tankers and bulk carriers because of their low power consumption, especially when compared to other technologies. Additionally, the BALPURE system is easy to separate into smaller sub-assemblies to fit installation requirements on retrofit or new construction vessels, minimizing changes to ship design. The sub-assembly design of the BALPURE system is exceptionally well suited for vessels with hazardous area rated-pump rooms (as required by SOLAS rules)."

As the market leader in the design and manufacture of electrochlorination seawater disinfection systems, Severn Trent De Nora has applied their 25 years plus of marine equipment experience to the treatment of ballast water with the BALPURE system.

The patented (US Pat. No 7,244,348) BALPURE system is an effective and economical, proven solution to meet the most stringent ballast water discharge requirements. Environmentally safe and easy to maintain, the self cleaning BALPURE system offers an operating cost of less than EUR 0.016 (USD 0.022) per m³ of ballast water treated. Ideal for high-capacity applications, the BALPURE system can offer energy savings of more than 60 percent compared to competitive technologies.



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** Per the MEPC 61/WP.13- Draft Report of the Marine Environment Protection Committee in its 61st session.*

About Severn Trent De Nora, LLC

Severn Trent De Nora, LLC (www.severntrentdenora.com) is a joint venture offering a solid foundation to support marine and offshore industrial water disinfection needs by drawing upon the strength and global resources of Severn Trent Services, Fort Washington, Pa. (www.severntrentservices.com) and Gruppo De Nora, Milan, Italy (www.denora.it). Severn Trent De Nora offers the benefits of enhanced technical solutions and a greater range of services by combining the seawater disinfection capabilities of both companies. Severn Trent De Nora offers products to serve marine wastewater treatment applications and the seawater disinfection needs for the following applications: power generation, desalination facilities, coastal industry, offshore oil and gas facilities, general marine, cruise vessel industry and navies worldwide.

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