

For Immediate Release

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Severn Trent De Nora to Feature Electrolytic Treatment Solutions for Ballast Water and Marine Sanitation Treatment at KORMARINE 2009 Conference

FORT WASHINGTON, Pa. – October 20, 2009 – [Severn Trent De Nora](#) will be featuring their proprietary [BALPURE®](#) ballast water treatment and [MARINER OMNIPURE® Series M55](#) and [OMNIPURE™ Series 55](#) marine sanitation treatment systems at the [KORMARINE 2009](#) conference (Bexco, Busan, South Korea, 21-24 October 2009). With more than 25 years of experience as a leading provider of electrolytic treatment solutions for the marine and offshore market, Severn Trent De Nora provides clean water with a clear conscience.

BALPURE is a patented system that generates biocides, meters and analyzes the residual level of both biocides and neutralizing agents and logs the performance of the overall ballast water treatment system. The BALPURE system has proven to be an effective, economical and high-capacity device to treat this water with no adverse effects on the environment. Third party testing of the BALPURE system has confirmed effluent quality that meets proposed International Maritime Organization ballast water standards. The system offers numerous advantages over other ballast water treatment systems including; a low operating cost that is less than USD \$0.02 per m³ of ballast water treated (USD \$0.15/kWh generation cost).

The new MARINER OMNIPURE Series M55 marine sanitation systems and new OMNIPURE Series 55 marine sanitation systems are designed, manufactured and tested to comply with MEPC.159(55) effluent standards and performance tests for sewage treatment plants across a variety of offshore and marine installations. These small-footprint, lightweight and simple-to-operate systems are the preferred long term solution for wastewater treatment for a variety of installations.

The MARINER OMNIPURE Series M55 systems can accommodate treatment capacities up to 75 persons for black water and up to 27 persons for black and gray water. The largest units treat a peak flow of 2,160 gallons (8,176 liters) of human wastewater per day. The OMNIPURE Series 55 systems range in capacity up to 65 m³/day (17,000 gal/day) as individual units that can also be combined for increased capacity.

Both systems use a patented and certified treatment process to produce a sodium hypochlorite disinfection solution from seawater in the presence of sewage to effectively treat all sewage. Electrolytic treatment of marine sewage eliminates chemical storage issues, dosing equipment and costs associated with the use of hazardous chemicals since the disinfection solution is produced on site while the unit is in operation.

For more information on Severn Trent De Nora's Ballast Water and Marine Sanitation Treatment Solutions, visit Stand N80 at the KORMARINE Conference.

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



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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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