

For Immediate Release

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OMNIPURE™ Marine Sanitation Treatment Systems from Severn Trent De Nora Receive Final Certification to IMO MEPC.159(55) Effluent Standards from the United States Coast Guard

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[OMNIPURE™ Series 55](#) marine sanitation treatment systems from Severn Trent De Nora have received final certification from the United States Coast Guard (USCG) to the International Maritime Organization's MEPC.159(55) effluent standards. Certification by the USCG involves testing rigorous environmental standards such as shock and vibration above and beyond IMO requirements. The OMNIPURE Series 55 technology utilizes a unique electrolytic treatment process, combined with electrocoagulation to both effectively treat wastewater and provide sanitary solids for handling.

Marine sanitation treatment systems treat sewage from offshore work applications and help lessen the environmental impact of contaminants. The OMNIPURE electrolytic process generates a powerful oxidant from seawater to effectively disinfect biological wastes.

The OMNIPURE Series 55 systems can accommodate treatment capacities up to 598 persons for black water and up to 197 persons for black and gray water. The OMNIPURE Series 55 systems range in capacity up to 65 m³/day (17,280 gal/day) as individual units that can also be combined for increased capacity. The systems provide effective electrolytic treatment of both black and gray water through a proprietary and certified treatment process.

According to Frank Martin, director of operations for Severn Trent De Nora, "OMNIPURE marine sanitation devices are designed not only to effectively meet the most stringent global effluent standards and performance tests for sewage treatment plants, but to ensure operator health and safety as well. The systems produce an effluent that is clean and clear, while presenting customers with a proven, safe method of handling solids. The process offers two options to produce dry, dewatered solids that can be easily handled and disposed of easily."

The OMNIPURE Series 55 process ensures compliant effluent discharges while providing operational benefits such as a small footprint, light weight, easy to install, automatic system that automatically removes concentrated solids insitu to the treatment process.

The OMNIPURE 55 systems have Bureau Veritas certification for IMO Resolution MEPC.159(55) and also comply with the EU MED and carry the Wheel Mark.

About Severn Trent De Nora, LLC



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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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