

Nett Technologies' GreenTRAP™ VOLT 320 System Eliminates Soot from Marine Vessels

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/EINPresswire.com/ -- Nett Technologies Inc. of Mississauga, Ontario Canada has successfully finalized development of its newest product the GreenTRAP™ VOLT 320. After rapid prototyping and extensive field/sea-testing the GreenTRAP™ VOLT 320 [marine diesel particulate filter](#) (DPF) system is a new emission control system designed to tackle [marine emission](#) problems.

The GreenTRAP™ VOLT 320 is a diesel particulate filter (DPF) system designed to remove soot generated from the operation of a marine vessel's onboard diesel engine. The VOLT 320 is a passive/active DPF system that performs automatic self-cleaning (regeneration) without relying on an engine's exhaust temperature. Ideal for vessels with diesel engines that have an output between 50 kW to 450 kW, the GreenTRAP™ VOLT 320 contains a series of internal electric heating elements that are used (when required) to increase exhaust temperature for regeneration.

The GreenTRAP™ VOLT 320 has gone through rigorous testing crossing the Atlantic Ocean twice and accumulating more than 2700 hrs of trouble-free operation. Making routine trips to the Mediterranean and Caribbean, this custom engineered GreenTRAP™ VOLT 320 system was installed on the 150' vessel Charisma. In addition to creating a unique marine emission system, Nett's engineering team also created a robustly featured computer controller that monitors and data-logs engine and DPF parameters.

"During the normal operation of its on-board 130 kW diesel generator, the Charisma would experience unsightly soot accumulation on the exterior of the vessel's hull, seats and boat deck. The GreenTRAP™ VOLT 320 is the perfect solution for the Charisma and its soot accumulation challenge," mentions Maurice Kouprie, Charisma's Captain.

Energy efficient, the GreenTRAP™ VOLT 320 regenerates passively when engine exhaust achieves a temperature of 325°C. When an exhaust temperature of 325°C is not achievable, the VOLT 320 actively regenerates with the help of its heating elements. The system comes with a computerized controller and customizable alarms. The GreenTRAP™ VOLT 320 eliminates up to

95% of particulate matter, over 97% of hydrocarbons and over 95% of carbon monoxide and requires approximately 20 minutes to complete a full regeneration when in active mode.

As an innovator of [marine emission control systems](#), Nett Technologies Inc. has more than 20 years experience in the design, development and manufacturing of custom retrofit solutions that control Particulate Matter (PM), Nitrogen Oxides (NOx), Hydrocarbons (HC), and Carbon Monoxide (CO) emissions from all compression and spark-ignited engines. Discover today the many ways Nett Technologies can help your vessel eliminate unsightly soot accumulation. Visit Nett Technologies online at www.nettinc.com for all your emission control solutions.

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About Nett Technologies Inc.

Located in the Greater Toronto Area, Nett Technologies Inc. (Nett) is an innovative emissions control company that specializes in the design, development and manufacture of pollution control solutions for today's compression and spark-ignited engines for both the OEM and retrofit markets. Sold and supported globally, Nett develops and manufactures proprietary catalytic solutions that use the latest in diesel oxidation catalyst (DOC), diesel particulate filter (DPF), selective catalytic reduction (SCR), engine electronics, stationary engine silencer, exhaust system and exhaust gas dilution technologies. Being an emission control authority, Nett continues to manufacture emission solutions that are California ARB (Air Resources Board) and U.S. EPA (Environmental Protection Agency) verified. As the industry leader and innovator of direct-fit emission control solutions to the marine, construction, mining, material handling, power generation, utility, transit and trucking, and locomotive industries, Nett is achieving new standards in emission control excellence.

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