VETUS thrusters and electric propulsion solutions can now be connected to the NMEA 2000 network

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VETUS Certified as First Thruster Integrator for NMEA 2000

Complete boat systems supplier and thruster specialist VETUS has announced NMEA 2000® certification for its new CANverter gateway device, offering industry-first connectivity and communication capabilities for boat owners using its proportional bow and stern thrusters.

Approved as the first and only thruster integrator for NMEA 2000, VETUS advances the implementation of thruster, as well as electric propulsion, technology in line with the National Marine Electronics Association's widely

recognized communications standard.

The launch of the CANverter enables connection of the proprietary VETUS Controller Area Network (V-CAN) into the NMEA 2000 network, establishing integration of the company's specialized V-CAN products, notably its BOW PRO thrusters and new E-LINE and E-POD electric propulsion, with other certified high level onboard systems in support of serial data networking.

Strengthening VETUS's higher level protocol to match the world's leading marine electronics manufacturers, the new CANverter NMEA certification and network connection results in a range of additional external control and monitoring advantages to enhance life onboard.

The potential benefits for boat owners include the ability to visualize V-CAN data and the VETUS brand on their screen, control V-CAN data with NMEA 2000 devices, and to select NMEA 2000 controllers. By combining CANverter and NMEA 2000 OneNet, the standard for IP networking of devices, boat owners can monitor any installed V-CAN device remotely, from home for example.

Thijs Boegheim, Sales Director EMEA and Global Marketing Director, VETUS, said: "The NMEA 2000 certification for our CANverter is a landmark development for the company, confirming that VETUS is now among the marine electronics giants in the industry. With the trend for increased interconnectivity and unified control and monitoring, we are pleased to be the first company to offer boat owners new capabilities as the only supplier that currently supports thruster PGNs (Parameter Group Numbers) to enable NMEA 2000 data compatibility. Our innovative E-LINE and E-POD electric propulsion can now also be linked to the NMEA 2000 network. The next step is to work on strategic agreements with the leading screen providers to guarantee the availability of VETUS branding and thruster information on leading multifunction devices."

V-CAN products include the new VETUS E-LINE and E-POD electric propulsion solutions, as well as the E-LINE panels and controls: the MPE1KB key switch, MPE1MB monitoring panel and ELPS control lever. The V-CAN thrusters include the leading BOWA and BOWB proportional thrusters, the RIMDRIVE thruster and the retractable thruster, plus the BPPJA, BPPPA and DBPPJA thruster panels.

V-CAN was developed to retain control and maintain implemented safety measures for VETUS CAN-bus systems and ensure external control or monitoring from other systems is managed through a VETUS approved process. The proprietary network is compatible for thruster, electrical motor and converter data which is distributed throughout the vessel over a single cable. With the installation of the CANverter, the V-CAN network can be monitored and controlled by any NMEA 2000 compatible device.

Easy to install by simply plugging the connectors, CANverter uses four virtual devices to process data: an engine and battery translate V-CAN E-LINE parameters into the NMEA 2000 network; internetwork creates converter status data into the NMEA 2000 network; the thruster translates V-CAN thruster parameters into the network. The CANverter consists of a microprocessor and transceivers which are isolated from each other, automatically bridging data from one transceiver to another.

The NMEA is a US-based marine electronics trade organisation which sets standards of communication between marine electronics. NMEA 2000 is a communications standard that requires serial data communications networks to interconnect marine electronic equipment on vessels.

For more information on VETUS, visit www.vetus.com.

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About VETUS – *The Creator of Boat Systems*

VETUS is an internationally-renowned developer and manufacturer of complete marine product systems ☒ including engines, generators, bow thrusters and control panels ☒ for recreational craft and small commercial vessels. VETUS prides itself on innovation and the majority of the 4,000 products it supplies are part or wholly designed by its in-house engineers. Founded in 1964, VETUS has its headquarters near Rotterdam, in the Netherlands, as well as subsidiaries in 16 other countries and a worldwide distribution and service network.

All products marketed by VETUS are part of a complete system, with any connecting components also available for ease of use. VETUS strives to ensure everything it supplies is as simple to install and maintain as possible, to make life on the water more enjoyable for its customers.