



At Seawork International, Fischer Panda UK is highlighting its systems for USVs, including a customised solution for the Mayflower Autonomous Ship, which completed an historic Atlantic crossing on 5th June

Jun 07, 2022 10:00 BST

Seawork International 2022: More Partners Select Fischer Panda UK to Help Smash Emissions Targets

Seawork International, 21st to 23rd June, Stand Q2

At this year's Seawork International, hybridisation and electric propulsion specialist Fischer Panda UK is highlighting the increasing number of commercial maritime industry partners who are selecting its systems to improve their green credentials and meet carbon neutral goals.

The Verwood company supplies a range of electric motor packages, smart generators and hybrid systems and is reporting rising demand for customised solutions for various projects and OEMs. With the capability to reduce the environmental impact of offshore operations, the efficient solutions are especially suitable for the growing number of Uncrewed Surface Vehicles (USVs) in the areas of rapid and unmanned exploration, remote operation and autonomous technology.

Recent Fischer Panda UK collaborations and contracts include the supply of an electric drive system and generators to power the world's first fully automated vessel, the [Mayflower Autonomous Ship](#) (MAS), for its historic maiden voyage across the Atlantic. Arriving in Halifax, Nova Scotia on Sunday, 5th June, the AI powered marine research vessel successfully completed her mission after a 40-day, 3,500-mile journey.

Further installations include customised power and electric drive equipment for SEA-KIT's ground-breaking X class USVs. It is also working with Devon-based 'Robotics-as-a-service' innovator HydroSurv, and Innovate UK EDGE, to supply equipment for its range of revolutionary USVs which measure the effects of climate change in coastal areas and gather critical data for the ocean industries.

Chris Fower, Director of Sales and Marketing, Fischer Panda UK, said: "Demand for more efficient and smarter hybrid systems for retro-fitting or newly-built vessels to support the move to electric power continues to grow from commercial operators and OEMs. Our speciality is as a collaborative partner for businesses such as fleet operators to help them meet their green targets. We are strengthening our hybridisation expertise and will continue to prioritise this area in the coming years as we work with customers to provide integrated systems to reduce emissions."

Fischer Panda UK offers a range of Lloyd's Type Approved compact and quiet, fixed and variable speed generators. as well as large desalination systems, durable air-conditioning and integrated mobile power solutions, all suitable for USVs, ROVs, disaster relief, offshore, workboat, fishing, tugs, military and light commercial vessels.

Among its latest products, the large variable speed DC VS Series generator range reduce noise and fuel consumption by regulating the generator speed in accordance with the required power. The units are available with an output

power of 20kW up to 100kW and can be used for silent electric cruising powered from the battery bank alone or hybrid cruising using the batteries and the variable speed DC generator as a range extender.

Fischer Panda UK supplies electric and hybrid drive systems in the range from 2 kW to 100 kW, available with voltages ranging from 24V to 360V depending on the power requirements.

Offering visitors to Seawork a unique, interactive experience, the customised Fischer Panda UK trailer on Stand Q2 will offer a stand-out opportunity to learn about the equipment in a more practical way, with company specialists available to discuss and advise on the most suitable and cost-effective options for specific vessels.

Go to www.fischerpanda.co.uk for more information.

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About Fischer Panda UK

Fischer Panda UK Ltd offers full-system design capability, servicing and aftercare as a leading distributor of diesel generators and a major supplier of the latest technology in air-conditioning systems, hybrid electric propulsion systems, integrated mobile power solutions and watermakers for a variety of commercial and leisure vessels.

Renowned worldwide as innovative, reliable and extremely quiet, the extensive Fischer Panda range of compact diesel generators includes its next generation highly efficient and powerful variable speed iSeries-Generators. Fischer Panda generators from the Panda 4000s Neo up to the next generation iSeries Panda 45i genset have passed type approval by members of the IACS (International Association of Classification Societies) board.

Other world-class products from Fischer Panda UK include desalination systems from Sea Recovery, HRO, and Village Marine, with models suitable for day-boats to warships and offshore platforms, plus air-conditioning systems from leading marine HVAC supplier Dometic, CZone digital switching and Mastervolt power solutions.

Fischer Panda UK is ISO UKAS 9000/1 accredited and operates from a purpose built 9,000 sq. ft facility in Verwood, Dorset. Its experienced engineers, sales and operational staff work with OEMs to develop integrated systems for custom vessels and offer specialist technical support and on-going aftercare to its customers.

Also active in the military and automotive sectors, the company works with UK MOD and other armies around the world providing solutions for specialist vehicle and land-based applications. Two thirds of Formula 1 mobile truck units install Fischer Panda generators, as do the BBC, Sky and many other mobile broadcasting vehicles.

Operating since 1977, Fischer Panda GmbH is headquartered in Paderborn,

Germany. The Fischer Panda team covers more than 500 technicians and partners in over 90 countries worldwide.