



Offshore Wind 2015 Newsletter



Market leaders in design and innovation for high performance vessels since 1985

During the last year BMT have continued to develop designs for the offshore windfarm industry. Our partner shipyards have delivered new vessels throughout the year to a number of major operators.



Orders

- 6 x Njord Offshore QUAD IPS 26m WSV's building in Strategic Marine, Singapore
- 2 x Piriou WFSV 26w building in SEAS, Vietnam
- 2 x Piriou WFSV-21w building in Piriou Vietnam
- 2 x StratCAT 26 QUAD IPS WSV's building in Strategic Marine, Vietnam
- 2 x StratCAT 26 CPP WSV's building in Strategic Marine, Vietnam
- 2 x StratCAT 26 Quad Waterjet WSV's building in Strategic Marine, Vietnam
- 1 x 20m CE for Turbine Transfers building in Mustang Marine, United Kingdom
- 1 x 19m WSV building in Veka, Netherlands

Deliveries

- Trearddur Bay - 21m Linear Jet for Turbine Transfers
- Largo - WFSV- 26w for Opus
- Ocean Wind 8 - WFSV-26w for Wind Crew Workboats
- Njord Odin - 26m Quad IPS for Njord Offshore
- Njord Freyr - 26m Quad IPS for Njord Offshore
- Rhosneigr Bay - 28m XSS for Turbine Transfers

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Vessel Update

BMT continues to be at the forefront in the design of Windfarm Support Vessels (WSV), with over 25 years of experience. The company has an ever increasing track record of delivering highly capable vessels to the industry.

Working with a number of very skilled shipyards around the world, BMT's designs are changing market expectations for WSV's. In the last 12 months BMT have delivered the first Quad IPS vessel in the world, the first Linear Jet vessel in the world and both of these vessels have demonstrated excellence in operation. All of our vessels are specifically designed around our clients exacting requirements. Our extensive intellectual property and model test database enables rapid design development.

BMT Nigel Gee Designed WFSV-26w Vessels Delivered

Built by PIRIOU Vietnam the two BMT designed 26m Wind Farm Support Vessels have recently been delivered to Opus and Wind Crew Workboats.

The vessels have successfully completed sea trials achieving 29 knots with 10 tonnes DWT. The BMT Nigel Gee design is 27m long with a beam of 8.0m utilising BMT's well proven catamaran hull form. The design is recognised for its excellent fuel economy and seakeeping.

The Opus operated vessels are fitted with Hamilton Waterjets propelled by 2 x MAN diesel engines offering high transportation efficiency and lower fuel consumption.

The vessels are MCA category 1 and are certified by Bureau Veritas capable of carrying 12 passengers and 3 crew members.

The vessels have been named Ocean Wind 8 of Hartlepool and Largo.

BMT Nigel Gee Designed Njord Odin Completes Sea Trials

We are pleased to announce the successful completion of sea trials for Njord Odin, the first of a series of advanced 26m Windfarm Support Vessels (WSV) for Njord Offshore, these are the largest BMT designed vessels built to date.

Built by Strategic Marine, Njord Odin is also the first to be fitted with a quadruple installation of the Volvo Penta IPS system, with the forward-facing, twin counter-rotating propellers and individually steerable propulsor pods. The IPS system offers high propulsive efficiency combined with excellent manoeuvrability, station keeping, as well as excellent bollard pull which is of paramount importance on a windfarm.

Tom Mehew, Director at Njord Offshore comments: "Our clients demand efficiency and redundancy in our service and comfort for their technicians whilst operating in tougher, more inclement conditions. We believe Njord Odin will deliver on all fronts. BMT and Strategic Marine have done an excellent job and we're delighted with the performance and sea trials results."

The vessel is 26.3m in length with a beam of 9.3m with each of the four Volvo IPS900 units delivering 515 kW. The vessel is specifically designed for working further offshore with a fuel capacity of 29,000 litres and fresh water capacity of 2,900 litres. Njord Odin achieved speeds in excess of 27 knots with 20 tonnes of deadweight. With the same deadweight the vessel will cruise at 25 knots with the engines running at 85% of their maximum continuous rating.

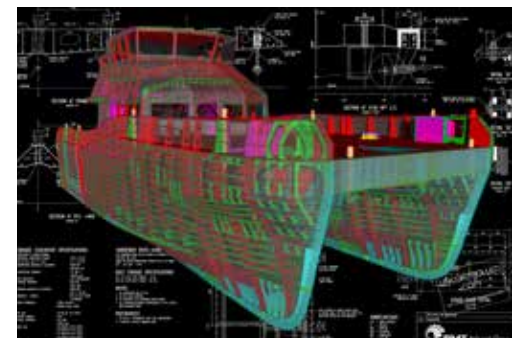
The accommodation is extremely spacious with excellent visibility from all seating areas. Utilising the patented Active Fender System, the vessel also benefits from significantly reduced impact forces when docking with boat landings.

Ed Dudson, Technical Director at BMT Nigel Gee comments: "Njord Odin is the first of our quad IPS designs and we are looking forward to seeing this new fleet of Njord Vessels joining the current fleet which includes 8 x 21m BMT designed vessels."

Strategic Launch Stock Program

Strategic Marine have commenced an extensive stock program to bring the StratCAT 26 WSV to the market with considerably shorter delivery times. The program currently consists of 6 x StratCAT 26 vessels with a number of choices for main propulsion according to client preference. Currently available are Quad IPS, Twin CPP and Quad Waterjet vessels. Delivery times can be as short as 2 months.

The design for the StratCAT 26 is provided by BMT Nigel Gee and is well proven with a number of vessels already operating in the European Wind Farm market.



The vessels are designed to meet the requirements for German flag and can carry up to 24 technicians in a spacious and very quiet accommodation area.

The StratCAT 26 is the latest generation of 26m vessel offering resiliently mounted superstructures, the BMT Active Fender System and up to 5 single crew berths in MLC compliant cabins.



BMT Designed Wind Farm Support Vessels Straight to Work

Within a few days of Njord Odin Arriving in Germany, the vessel was set to work in the Meerwind Offshore Wind Farm. The trials have just been completed on the 2nd vessel with the next 2 vessels nearing completion.

Similarly Largo the Opus operated vessel built by Piriou entered service in Norddeich, for the Borkum Riffgrund project.

Sister vessel Ocean Wind 8 of Hartlepool recently joined Largo in Germany and is currently operated by Opus. Ocean Wind 8 is on service on the Opus Gode Wind project.

