



## The leading independent designer for the offshore wind industry



Since Seawork 2012 further design contracts have been confirmed with multiple designs of Windfarm Support Vessels from 18m to 33m in length. Many of these designs include innovative solutions to improve the safe operation and capability of the vessels. BMT is working with a large number of high quality shipyards around the world offering customised solutions to meet client requirements.

### Recent Deliveries & Orders

26m XSS completes rough water trials

6 x 20m WSVs delivered by Strategic Marine to Njord Offshore, order confirmed for further 2 vessels

1 x 19m WSV delivered to Wagenborg by Veka. Second 19m completes sea trials

Piriou confirm contract for multiple 26m BMT WSV designs

18m and 20m WSVs under construction at Buckie Shipyard

## Vessel update

The number of vessels being built to the expanding range of BMT designs continues to rise, as does both the number of partner shipyards and operators contracting for the company's services. With 9 vessels recently delivered and a further 16 of various different sizes under design or construction, this is testament

to BMT's undoubted strength and capability in the provision of bespoke designs to meet operators' requirements. In addition the company's detailed knowledge and experience of all relevant regulatory regimes provides assurance to its customers that the vessels will be fit for service.

## Njord vessels in service

Njord Offshores WSVs, built by Strategic Marine, are now in service in UK, Germany, Denmark and Belgium and have proved very reliable. BMT's Technical Director, Ed Dudson, commented that "the performance of the vessels have exceeded expectations, demonstrating market leading fuel economy and the standard and quality of vessel delivered by Strategic Marine is of the highest level."



## 26m XSS Cymyran Bay completes trials

Turbine Transfer's Cymyran Bay has completed its acceptance trials off the UK's East Coast during conditions when all the conventional Windfarm Vessels were weathered off and has already demonstrated its superb seakeeping characteristics. The demonstrable improvement in ride and comfort will enable O&M operations to be undertaken in higher sea states. Having completed all of its trials and regulatory approvals, the Cymyran Bay is now ready in all respects, to commence Windfarm operations.

Captain Mark Meade, Managing Director at TT, stated: "This vessel is testament to the significant investment made by the company to meet the forthcoming challenges of the larger Windfarm developments. I am very proud that Turbine Transfers is demonstrating its commitment to innovation in providing support to this vital industry, and that we have been working so closely and successfully with BMT on a wide range of innovative solutions including our patented Active Fender System and the Turbine Access System (TAS™)."



## Piriou enters WSV market

Construction of 2 x 19m WSVs designed by BMT is well underway at the SEAS shipyard in Vietnam, and Piriou also confirms the order for multiple 26m WSVs to BMT a design.



## TAS™ trials completed

Following the successful trials in late 2012 Turbine Transfers completed the installation of the bow roller system on the Cemlyn Bay. The system was subsequently set to work and the completed TAS system trialed at the Lincs Windfarm, courtesy of Centica. The patented roller design provides a significant level of vessel damping as the vessel pushes up against the boat landing and entirely eliminates the "stick & slip" behaviour that can be very disconcerting during personnel transfer. An added advantage is the

rollers also eliminates fender wear the cause of much vessel downtime. The resultant smoothed, and damped, vessel motions maximise the TAS operational envelope which was tested in 3.5m wave heights.

