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Bourbon Subsea Services continues its cooperation with TetraSpar Demonstrator ApS and has been awarded the turnkey contract for transportation and installation of innovating *TetraSpar Demonstrator* Floating Wind Turbine (FWT) prototype in Norway

As part of its partnership with *TetraSpar Demonstrator ApS*, Bourbon Subsea Services will manage the transportation and installation of the 3,6 MW Floating Wind Turbine prototype. This new turnkey stage includes project management, engineering, installation and offshore execution from assembly port in Denmark until hook up and Inter Array Cable installation on Metcenter Test site in Norway this summer.

This is the fifth floating wind turbine project Bourbon Subsea Services has been awarded since the company decided to develop its activities towards renewable energy in 2011. This demonstrates, Bourbon Subsea Services' expertise in the construction of Floating Wind Turbines (FWT) offshore farms and its ability to propose innovative solutions to achieve new complex technical challenges while maintaining low cost.

The *TetraSpar FWT* is particularly innovative in comparison with the other prototypes already installed worldwide. The defining feature of the *TetraSpar* foundation concept is the modular "building block" arrangement: each foundation is assembled from tubular steel modules, most of which are common to all configurations. Manufacturing takes place in factories using industrialized methods, and their assembly near the site as well as towing are measured in days or weeks, instead of months.

Another particularity of *TetraSpar Demonstrator* is its stability provided by a keel deployed 50m below the floater. This keel deployment is the main challenge for the offshore installation. Bourbon Subsea Services will deploy innovative methodology to connect this keel to the floater in port and later on once offshore, to lower it safely and efficiently.

Henrik Stiesdal, Chairman of the board of directors of *TetraSpar Demonstrator ApS*:

"We have been very pleased to work with Bourbon Subsea Services during the first phases of the project. Bourbon Subsea Services bring valuable experience from floating wind execution to the team, and all the partners welcome their continued contribution as we move forward to the exciting next phases of the project."

"We are particularly honoured to have reached this final phase of the TetraSpar Demonstrator project. This is the result of a long-term team collaboration between Bourbon Subsea Services and TetraSpar Demonstrator APS. It demonstrates our capacity to deliver safe and innovative solution in a highly cost constrained environment. We look forward to supporting TetraSpar Demonstrator ApS and its partners in successfully delivering this installation" says Patrick Belenfant, CEO of Bourbon Subsea Services.





Location: Quayside in the port of Grenaa, Denmark. TetraSpar foundation assembly.

Photo credit: TetraSpar Demonstrator ApS

ABOUT BOURBON

A market leader in offshore marine services, BOURBON offers the most demanding offshore energy operators a broad range of surface and subsea marine services for oil & gas fields and wind farms. These services rely on a modern & standardized fleet of 458 vessels and on the skills of more than 8,200 highly qualified professionals. Constantly striving for operational excellence, the group provides a local service for customers in the 44 countries in which it operates, guaranteeing the very highest standards of quality and safety. BOURBON has three operating activities (Marine & Logistics, Mobility and Subsea Services).

In 2019, BOURBON achieved adjusted revenues of over €720 million.

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