

## **RENEWABLE ENERGY BARD-1 WINDFARM**

From December 2010 till January 2012 our Damen shoalbuster 2609 ITC MELTEMI has been rendering support services for the 'BARD Offshore 1' wind farm project, which is being developed offshore in the German Bight, about 90/100 kilometers northwest of the island of Borkum in water depths of 40 meters and covers approximately 60 square kilometers.

Our ITC MELTEMI assisted barges **BOABARGE 21 and WAGENBORG** BARGE 4 loaded with turbine blades through the Kieler Canal from Kiel and Holtenau to Cuxhaven and Eemshaven and into the offshore installation site. ITC MELTEMI also took care of material and personnel transfer between shore and the various vessels active in the project. The original fixture for three months has been extended to over one full year and has been brokered by Eksmaris, Lithuania. Skippers Coos Imming and Adrie Messemaker with their crews worked out of the port of Eemshaven.

BARD Offshore 1 is the first commercial offshore wind farm in the German North Sea and the 80 turbines are expected to be fully operational by end 2012. Laying of cables to connect the wind farm started on July 23, 2009. The 200 km connection is the longest connection to an offshore wind farm in the world. The construction is assisted by the purposed-built WIND LIFT 1 jack up barge, which places the 470 ton, 21 meter foundations on the sea bed.



