

Mariners are advised of the following offshore operations within the Thanet Offshore Wind Farm.

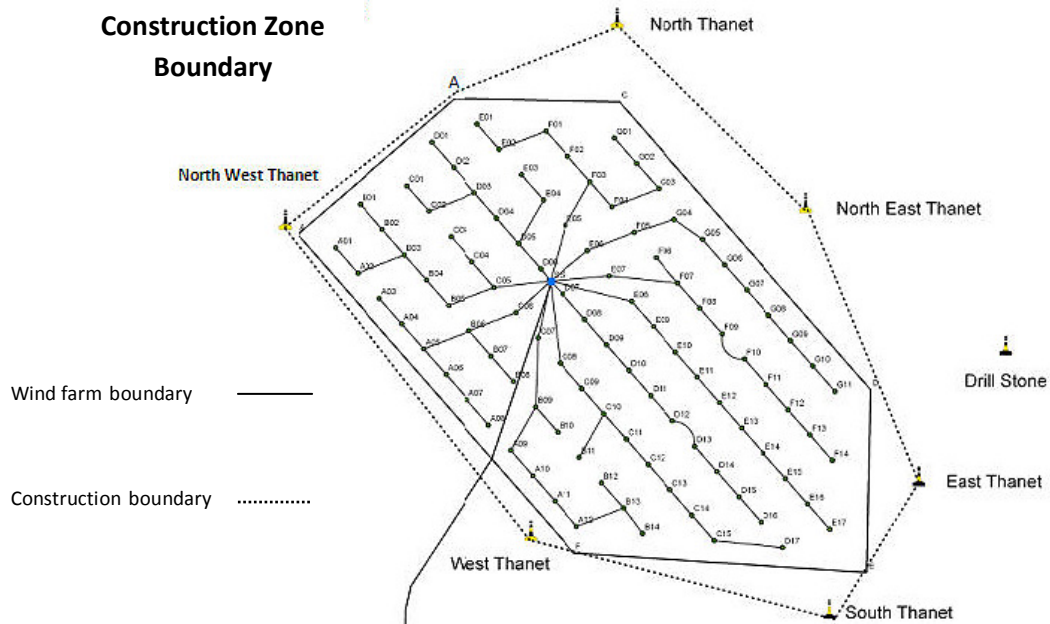
**Activity:** Construction of a 100 turbine wind farm. Scheduled to commence on **\*\*/03/2009** and continuing for approximately 22 months. Other notices will be issued as other major vessels are mobilised to site with a description of their work.

The first major installation vessel due on site **\*\*/03/09** will be the self-elevating barge Sea Jack.

- The extent of the construction site is marked by the following buoys and in accordance with the United Kingdom Hydrographic Office (UKHO) preliminary Notice to Mariners No. 841(P)/09.
- The boundary coordinates locations of the Wind farm

Construction Zone Boundary			
Buoy Name	Characteristics	Lat N	Long E
North Thanet	North Cardinal - VQ 5Nm	51° 28'.29	1° 38'.07
North East Thanet	North Cardinal – Q 5Nm	51° 26'.89	1° 40'.44
East Thanet	East Cardinal – VQ (3) 5sec 5Nm	51° 24'.80	1° 41'.88
South Thanet	South Cardinal – VQ (6) + LFI 10sec 5NM	51° 23'.77	1° 40'.82
West Thanet	West Cardinal – VQ (9) 10 sec 5Nm	51° 24'.33	1° 37'.12
North west Thanet*	West Cardinal – VQ (9) 15 sec 5Nm	51° 26'.08	1° 33'.08
Unmarked (A)		51° 27'.65	1° 36'.07

**\*Note:** North west Thanet Cardinal Buoy has not yet been deployed



## Notice to Mariners

### **SAFETY ZONES:** THE FOLLOWING SAFETY ZONES HAVE NOW BEEN GRANTED:

WHENEVER A CONSTRUCTION VESSEL IS LOCATED AT THE SITE OF ONE OF THE FOUNDATIONS, A 500m SAFETY ZONE IS TO BE MAINTAINED. ALL MARINERS ARE ADVISED TO MAINTAIN A DISTANCE OF 1000m FROM SUCH VESSELS, DUE TO THE AD-HOC MOVEMENTS OF THEIR SUPPORT CRAFT WHEN HANDLING ANCHORS.

AT TIMES WHEN A FOUNDATION IS NOT BEING WORKED ON, A 50m SAFETY ZONE EXISTS.

**NOTE: INCOMPLETE FOUNDATIONS WILL BE MARKED WITH A LIGHT FL (Y) 2.5S**

“Sea Jack” will be installing the monopiles on the construction site.

Assisting in the operations will be lead tug/anchor handling “Stevens Arctic” and the Tug “Bever”. The tug “Welshman” will be based in Ramsgate for assistance with the berthing operations of “Sea Jack” and the barges.

The barge “Sea Jack” will be positioned by the use of an anchor spread extending at least 500m.

During the monopile installation the fishing vessel “Excel II” will be on site monitoring noise levels during installation. The Wind Farm Service Vessel (WFSV) “Offshore Performer” will be undertaking marine mammal observation duties.

The monopiles will be installed with the top of each pile being close to mean sea level.

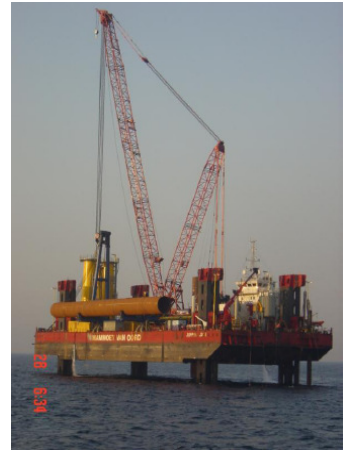
As the pile will be left in this condition for a period of several weeks before the installation of the Transition Pieces, a temporary navigational marker will be positioned on the pile.

The yellow marker will be lit, with the light characteristics being: Fl Y 2.5sec visible for 2Nm.

The marker will have an all round radar reflector.

The monopiles are being transported to Ramsgate from Kats in the Netherlands by the tug “Osprey Fighter” and the barges “Osprey Carrier” and the “E3501”. The piles will be transferred to the Sea Jack in the Port of Ramsgate.

The site will be serviced by a two WFSV , the “Offshore Performer” and the WFSV “Waterfall”, both of which are based at the Port of Ramsgate. These crew boats have an approximate service speed of 24 knots and have a capacity for up to 12 personnel.



***Sea Jack***



***Offshore Performer***

For further information please contact TOW Marine Supervisor  
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