Walney Offshore Wind Farm project is located approximately 14km west of Walney Island in the East Irish Sea. The project consists of ‘Walney 1’ with 51 turbines, each with a capacity of 3.6MW, giving a total capacity of 183.6MW, and an extension, ‘Walney 2’, with 51 turbines of 3.6 MW adding 183.6MW to a combined total of up to 367.2MW. ‘Walney 1’ will be constructed during 2010, then ‘Walney 2’ will be constructed. ‘Walney 1’ will be connected to shore and the national grid through an export cable from the offshore substation landing at Heysham.

### Construction Activities

At all times during construction an Advisory Safety Zone of 500m is requested around all installation vessels and a 50m Advisory Safety Zone around each turbine and substation structure after installation. After the installation of the export cable a 200m anchorage exclusion zone is requested. All vessels are requested to respect the Advisory Safety Zones, which as well as reducing the risk of collision damage will provide protection to the installation vessels, the export cables and the wind turbine structures.

### Key Programme Dates

<table>
<thead>
<tr>
<th>Dates</th>
<th>Activity</th>
<th>Vessels</th>
</tr>
</thead>
<tbody>
<tr>
<td>March / April 2010</td>
<td>Scour protection Work</td>
<td>Rolling Stone</td>
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<tr>
<td>April - September 2010</td>
<td>Foundation Installation</td>
<td>Goliath, Taklift, Vagant</td>
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<td>May - July 2010</td>
<td>Export Cable Installation</td>
<td>Stemat Spirit</td>
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<tr>
<td>August - December 2010</td>
<td>Interarray Cable installation</td>
<td>Stemat 82</td>
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<tr>
<td>June - December 2010</td>
<td>Turbine Installation</td>
<td>Seajacks Kraken</td>
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</table>

Plus numerous tugboats, crew boats, barges and other vessels

### Advisory Safety Zones

During construction of ‘Walney 1’, the wind farm perimeter will be marked by four cardinal buoys (positions of all buoys are overleaf). When the construction of ‘Walney 2’ commences, the buoyage will be revised.

### Vessels

Construction vessels will exhibit the appropriate signals for day and night. Some vessels may have anchors and cables extending out to 500m, and possibly be using diving services. Various tugs and barges will be in the vicinity of the construction site and may be restricted in their ability to manoeuvre. Crew and workboats will also be transporting members of the workforce to and from Barrow, with other construction vessels transiting between the wind farm site and the port of Mostyn.

### Examples of Vessels Involved

- **‘Vagant’**
  - Jack Up Vessel
- **‘Stemat Spirit’**
  - Export cable lay vessel
- **‘Vulcan’**
  - Offshore support vessel
- **‘Seajacks Kraken’**
  - Wind turbine installation vessel

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