The West of Duddon Sands Offshore Wind farm is a joint venture between DONG Energy and ScottishPower Renewables. The Wind Farm is located approximately 14km from the nearest coast off Walney Island, Cumbria and covers an area of approximately 66km². The wind farm will comprise 108 wind turbine generators, each with a capacity of 3.6MW giving a total capacity of 389MW. Each wind turbine generator will be connected by submarine cables to an offshore substation inside the wind farm and from there via two 155kV submarine cables to the shore, by way of a landfall near Middleton in Lancashire, and National Grid transmission system.

### Key Programme Dates

<table>
<thead>
<tr>
<th>Dates</th>
<th>Activity</th>
<th>Vessels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 2013 to June 2013</td>
<td>Scour Protection Work</td>
<td>Rockpiper and Sandpiper</td>
</tr>
<tr>
<td>May 2013 to Dec 2013</td>
<td>Installation of Foundations and Transition Pieces</td>
<td>Pacific Orca and Sea Installer</td>
</tr>
<tr>
<td>April 2013 to Dec 2013</td>
<td>Installation of Substation</td>
<td>Barges Rambiz and Louis, support tugs Kestrel, Victory and Multratug 4</td>
</tr>
<tr>
<td>April 2013 to Sept 2013</td>
<td>Installation of Export Cables</td>
<td>Stemat Spirit</td>
</tr>
<tr>
<td>July 2013</td>
<td>Cable Splice Operation</td>
<td>Stemat 89, support tugs Smit Buffalo and Odin, crew boat Wildcat 3</td>
</tr>
<tr>
<td>May 2013 to March 2014</td>
<td>Installation of Inter Array Cables</td>
<td>MV Sia and MV Nico</td>
</tr>
<tr>
<td>Aug 2013 to June 2014</td>
<td>Installation of Wind Turbine Generators</td>
<td>Sea Installer</td>
</tr>
<tr>
<td>Jan 2014 to Sept 2014</td>
<td>Installation of Scour Protection: Armour</td>
<td>Vessel to be announced</td>
</tr>
</tbody>
</table>

### Advisory Safety Zones

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.

### Contact Details

- **Tom Watson** - NFFO Fisheries Liaison Officer  
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- **Dong Energy - West of Duddon Sands UK Ltd**  
  Marine Coordinator Tel: +44(0)7891 934877

*Always ensure you have the latest Kingfisher Information onboard your vessel*
KEEP CLEAR OF AND DO NOT DAMAGE SUBSEA CABLES

THES CABLES CARRY HIGH VOLTAGES AND CAN BE DANGEROUS TO LIFE

IT IS AN OFFENCE TO WILFULLY DAMAGE SUBSEA CABLES

Kingfisher Awareness Chart

Legend

- Wind Turbine
- Wind Turbine - Navigation Light (Fl Y 2.5s - range 2nm)
- Wind Turbine - Navigation Light (Fl Y 5s - range 5nm)
- SubStation
- Met Mast
- Fog Horn and Visibility Meter
- Oil & Gas Pipelines
- Cable - Electricity
- Wind Farm Boundary and Proposed Export Cable Corridor

Date: April 2013
Projection: WGS_1984_World_Mercator
Spherical: GCS_WGS_1984
Datum: D_WGS_1984
Scale: 1:50,000

This data is issued as a guide only. Seafish, Cable Owners and Distributors accept no responsibility for any inaccuracies however caused. Please be aware that other cables may exist in addition to those shown on this chart.

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NOT TO BE USED FOR NAVIGATION