



Marine  
Management  
Organisation

**MARINE AND COASTAL ACCESS ACT 2009  
SECTION 72**

**DEEMED MARINE LICENCE - NOTICE OF VARIATION**

**THE DOGGER BANK TEESSIDE A & B OFFSHORE WINDFARM ORDER 2015,  
SCHEDULE 11**

**VARIATION NUMBER:**

4

**AUTHORISED DEVELOPMENT:**

SOFIA OFFSHORE WIND FARM (FORMERLY 'DOGGER BANK TEESSIDE B')

**UNDERTAKER:**

SOFIA OFFSHORE WIND FARM LIMITED  
WINDMILL HILL BUSINESS PARK,  
WHITEHILL WAY,  
SWINDON,  
WILTSHIRE,  
SN5 6PB

**DATE:**

25<sup>th</sup> January 2021

**COMPANY REGISTRATION NUMBER:**

07791964

**PREVIOUS VARIATIONS:**

3

The Marine Management Organisation (“MMO”) received a request on 13<sup>th</sup> May 2020 from Sofia Offshore Wind Farm Limited for a variation to the deemed marine licence (“DML”) contained within Schedule 11 of the Dogger Bank Teesside A & B Offshore Wind Farm Order 2015 (“the Order”).

NOTICE IS HEREBY GIVEN that the MMO varies the DML in relation to the provision of the DML specified in the first column of the table in the Annex to this notice, by including the words set out in the third column of that table, in accordance with section 72(3)(d) of the Marine and Coastal Access Act 2009.

This variation has immediate effect from the date of this notice.

In accordance with regulation 3 of The Marine Licensing (Notices Appeals) Regulations

2011, you may appeal the notice of variation to the First-tier Tribunal. If you wish to appeal then in accordance with Rule 22(1)(b) of the Tribunal Procedure (First-tier Tribunal)(General Regulatory Chamber) Rules 2009 (SI 2009/1976) you have 28 days from the date of the sending of this notice to send or deliver a notice of appeal to the First-tier Tribunal.

Signed: *Ellen Mackenzie*

Name and Position: Ellen Mackenzie, Marine Licensing Case Officer

Date: 25/01/2021

## Annex 1: Amendments to Schedule 11 within the Dogger Bank Teesside A & B Offshore Wind Farm Order 2015

Provision	Previous text	Replacement text
Schedule 11, Schedule title	Schedule 11, Marine Licence 4: Project B Offshore Transmission – Work Nos. 2B, 3B and 2T	Schedule 11, Marine Licence 4: Project B Offshore Transmission – Work Nos. <b>1B</b> , 2B, 3B and 2T
Schedule 11, Part 1, Details of licenced activities, 2(1)(b)	subject to sub-paragraphs <b>(5) and (6)</b> , the construction of the works specified in sub-paragraph (2) in or over the sea or on or under the sea bed including the removal, reconstruction or alteration of the position of subsea cables and pipelines	subject to sub-paragraphs <b>(7) and (8)</b> , the construction of the works specified in sub- paragraph (2) in or over the sea or on or under the sea bed including the removal, reconstruction or alteration of the position of subsea cables and pipelines
Schedule 11, Part 1, Details of licenced activities, 2(2)(d)(v)	N/A	(v) any of the wind turbine generators comprised in Work No. 1B(a) and the offshore converter platform referred to in Work No. 1B(b)(ii);
Schedule 11, Part 1, Details of licenced activities, 2(2), Ancillary works	N/A	(k) foundation scour protection or dredging;
Schedule 11, Part 1, Details of licenced activities, 2(2), Ancillary works	N/A	(l) foundation preparation works including boulder removal and obstruction clearance, dredging and pre-sweeping.
Schedule 11, Part 1, Details of licenced activities, 2(2), Ancillary works	N/A	(m) the removal, reconstruction or alteration of the position of subsea cables and pipelines,

Schedule 11, Part 1, Details of licenced activities, 2(4)	N/A	(4) Subject to the Conditions, this licence authorises the disposal of up to 968,789 cubic metres of material of natural origin within Work No. 1B produced during construction drilling and seabed preparation for foundation works and cable sandwave preparation works (disposal site reference number DG025).
Schedule 11, Part 1, Details of licenced activities, 2(5)	N/A	(5) The undertaker must inform the MMO of the location and quantities of material disposed of each month under the Licence, by submission of a disposal return by 31st January each year for the months August to January inclusive, and by 31st July each year for the months February to July inclusive.
Schedule 11, Part 1, Details of licenced activities, 2(7)	<b>(5)</b> This licence does not authorise the construction of the works specified in subparagraph <b>(2)(a) or (d)(i), (ii) or (iii)</b>	<b>(7)</b> This licence does not authorise the construction of the works specified in sub-paragraph <b>(2)(d)(i), (ii) or (iii)</b>
Schedule 11, Part 1, Details of licenced activities, 2(8)	<b>(6)</b> This licence and Marine Licence 4 (as defined in the Order), when taken together, do not <b>authorised</b> the construction of more than 1 Work No. 1B or the construction of Work No. 1B in excess of the maximum parameters for that work set out in Schedule 1 to the Order.	<b>(8)</b> This licence and Marine Licence 4 (as defined in the Order), when taken together, do not <b>authorise</b> the construction of more than 1 Work No. 1B or the construction of Work No. 1B in excess of the maximum parameters for that work set out in Schedule 1 to the Order.
Schedule 11, Part 2, Conditions, Detailed offshore design parameters, 4(1)	The total number of offshore platforms within Work No. 1B must not exceed 7, comprising— ..... provided that any of the platforms referred to in paragraphs (a) to (c) may be cojoined to create a combined platform fixed to the seabed by multi-leg or gravity base type foundations.	The total number of offshore platforms within Work No. 1B must not exceed 7, comprising— ..... provided that any of the platforms referred to in paragraphs (a) to (c) may be co-joined to create a combined platform fixed to the seabed by <b>monopole</b> , multi-leg or gravity base type foundations.

<p>Schedule 11, Part 2, Conditions, Detailed offshore design parameters, 4(9)(b)</p>	<p>no offshore accommodation platform or helicopter platform, offshore collector platform or offshore converter platform fixed to the seabed by monopole foundation may—  (a) have more than 8 monopoles;  (b) have a pile diameter exceeding 1.2 metres or employ a hammer energy during installation exceeding <b>3,000</b> kilojoules.</p>	<p>no offshore accommodation platform or helicopter platform, offshore collector platform or offshore converter platform fixed to the seabed by monopole foundation may—  (a) have more than 8 monopoles;  (b) have a pile diameter exceeding 1.2 metres or employ a hammer energy during installation exceeding <b>4,000</b> kilojoules.</p>
<p>Schedule 11, Part 2, Conditions, Detailed offshore design parameters, 7(1)(b)</p>	<p>Within Work Nos. 1B, 2B and 3B, the HVDC cables must not, in total, exceed—  (a) 2 in number;  (b) <b>1</b> fibre-optic cable;  (c) 484.4 kilometres in length.</p>	<p>Within Work Nos. 1B, 2B and 3B, the HVDC cables must not, in total, exceed—  (a) 2 in number;  (b) <b>2</b> fibre-optic cables;  (c) 484.4 kilometres in length.</p>
<p>Schedule 11, Part 2, Conditions, Detailed offshore design parameters, 10Y</p>	<p>N/A</p>	<p>Taken together with works authorised and proposed to be constructed pursuant to Marine Licence 2 (generation) the disposal of material of natural origin within Work No. 1B must not, in total, exceed 968,789 cubic metres.</p>

Schedule 11, Part 2, Conditions, Layout rules, 10Z	N/A	<p>(1) The positions of wind turbine generators and offshore platforms must be arrayed in accordance with the parameters applicable to Work No. 1B specified in the Conditions and the principles in section 5.2 of Chapter 5 of the environmental statement.</p> <p>(2) The construction of wind turbine generators or offshore platforms must not commence until the array location and layout plan has been agreed.</p> <p>(3) The construction of wind turbine generators and offshore platforms must be carried out in accordance with the array location and layout plan.</p>
Schedule 11, Part 2, Conditions, Notifications and inspections, 11(1)(a)	<p>The undertaker must ensure that—</p> <p>(a) before carrying out any licensed activities, the undertaker informs the MMO of-</p> <p>(i) the organisation undertaking the licensed activities and its primary point of contact;</p> <p>(ii) the works being undertaken pursuant to this licence comprising those works necessary up to the point of connection with the generation assets including (without limiting paragraph 2)—</p> <p>(aa) <b>up to 4 offshore collector platforms;</b> and</p> <p>(bb) a network of cables for the transmission of electricity and electronic communications;</p>	<p>The undertaker must ensure that—</p> <p>(a) before carrying out any licensed activities <b>or any phase of those activities</b>, the undertaker informs the MMO of <b>(insofar as relevant to that activity or phase of activity)</b>—</p> <p>(i) the organisation undertaking the licensed activities and its primary point of contact;</p> <p>(ii) the works being undertaken pursuant to this licence comprising those works necessary up to the point of connection with the generation assets including (without limiting paragraph 2)—</p> <p>(aa) <b>the offshore converter platform;</b> and</p> <p>(bb) a network of cables for the transmission of electricity and electronic communications;</p>
Schedule 11, Part 2, Conditions, Notifications and inspections, 11(8)	<p>The undertaker must ensure that a notice to mariners is issued at least 10 working days before commencement of the licensed activities or any phase of them advising of the commencement date of <b>Work Nos. 2B and 3B</b> and the expected vessel routes from the local construction ports to the relevant locations.</p>	<p>The undertaker must ensure that a notice to mariners is issued at least 10 working days before commencement of the licensed activities or any phase of them advising of the commencement date of <b>Work Nos. 1B, 2B and 3B</b> and the expected vessel routes from the local construction ports to the relevant locations.</p>

Schedule 11, Part 2, Conditions, Chemicals, drilling and debris, 12(1)	All chemicals used in the construction of the authorised scheme, including any chemical agents placed within any monopile or other foundation structure void, must be selected from the list of notified chemicals approved for use by the offshore oil and gas industry under the Offshore Chemicals Regulations 2002 and managed in accordance with the chemical risk assessment and the marine pollution contingency plan.	All chemicals used in the construction of the authorised scheme, including any chemical agents placed within any monopile or other foundation structure void, must be selected from the list of notified chemicals approved for use by the offshore oil and gas industry under the Offshore Chemicals Regulations 2002 <b>unless otherwise agreed in writing by the MMO</b> , and managed in accordance with the chemical risk assessment and the marine pollution contingency plan.
Schedule 11, Part 2, Conditions, Pre-construction plans and documentation, 14(a)	N/A	<i>Array location and layout plan</i> (a) an array location and layout plan to be agreed in writing by the MMO following consultation with Trinity House and the MCA that details— (i) the specification, dimensions, foundation types and depth of the offshore converter platform; (ii) the proposed location, including grid co-ordinates of the centre point of the proposed offshore converter platform; (iii) the location and specification of vessel moorings and other permanent ancillary works as agreed by the MMO, to ensure compliance with the parameters applicable to Work No. 1B specified in the Conditions and the principles in section 5.2 of the environmental statement;
Schedule 11, Part 2, Conditions, Pre-construction plans and documentation, 14(a)	<i>Cable specification and installation plan</i> (a) a cable specification and installation plan to be agreed in consultation with Trinity House and the MCA that shows the route of the cable to ensure conformity with the description of Work Nos. 2B and 3B. The plan is to include co-ordinates of the transmission works within Work Nos. 1B, 2B and 3B	N/A - Condition removed

<p>Schedule 11, Part 2, Conditions, Pre-construction plans and documentation, 14(c)</p>	<p><i>Construction Method Statement</i></p> <p>(c) a construction method statement in accordance with the construction methods assessed in the environmental statement, including details of-</p> <ul style="list-style-type: none"> <li>(i) drilling methods and arrangements for disposal of drill arisings, in accordance with the disposal scenario statement;</li> <li>(ii) platform location and installation, including scour protection and foundations which must be those that are able to be completely and safely re-moved, or reduced to a level below the seabed, at the time of decommissioning;</li> <li><b>(iii) cable installation;</b></li> <li><b>(iv) cable installation between MHWS and MLWS</b></li> <li>(v) impact piling soft start pro-cedures;</li> <li>(vi) the source of rock material used in construction and method to minimise contaminants and fines;</li> <li><b>(vii) contractors;</b></li> <li>(viii) vessels;</li> <li>(ix) associated works;</li> <li>(x) foundation scour protection requirements in a plan produced following pre- construction surveys identifying where scour protection is most likely to be required (an “intelligent scour protection management plan”); and</li> <li>(xi) details of notification of the closure of the disposal site (reference number DG025) on completion of disposal activi-ties;</li> </ul>	<p><i>Construction Method Statement</i></p> <p>(c) a construction method statement in accordance with the construction methods assessed in the environmental statement, including details of-</p> <ul style="list-style-type: none"> <li>(i) drilling methods and arrangements for disposal of drill arisings, in accordance with the disposal scenario statement;</li> <li>(ii) platform location and installation, including scour protection and foundations which must be those that are able to be completely and safely re-moved, or reduced to a level below the seabed, at the time of decommissioning;</li> <li><b>(iii) impact piling soft start procedures;</b></li> <li><b>(iv) the source of rock material used in construction and method to minimise contaminants and fines;</b></li> <li><b>(v) vessels;</b></li> <li><b>(vi) associated works;</b></li> <li><b>(vii) foundation scour protection requirements in a plan produced following pre- construction surveys identifying where scour protection is most likely to be required (an “intelligent scour protection management plan”); and</b></li> <li><b>(viii) details of notification of the closure of the disposal site (reference number DG025) on completion of disposal activities;</b></li> </ul>
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<p>Schedule 11, Part 2, Conditions, Pre-construction plans and documentation, 14(f)</p>	<p><i>Cable specification and installation plan</i>  (f) a cable specification and installation plan following consultation with the relevant statutory nature conservation body, including—  (i) technical specification of offshore cables, including a desk-based assessment of attenuation of electro-magnetic field strengths, shielding and cable burial depth in accordance with industry good practice;  (ii) a staged cable-laying plan for the Order limits, incorporating a burial risk assessment to ascertain suitable burial depths and cable-laying techniques;  (iii) a <b>cable protection</b> plan providing details of the need, type, sources, quality and installation methods for cable protection; <b>and</b>  (iv) details of the methodology and extent of a post-lay survey to confirm burial depths.</p>	<p><i>Cable specification and installation plan</i>  (f) a cable specification and installation plan, following consultation <b>with Trinity House, the MCA and the relevant statutory nature conservation body that shows the route of the cable to ensure conformity with the description of Work Nos. 2B and 3B</b>, including—  (i) technical specification of offshore cables, including a desk-based assessment of attenuation of electro-magnetic field strengths, shielding and cable burial depth in accordance with industry good practice;  (ii) a staged cable-laying plan for the Order limits, incorporating a burial risk assessment to ascertain suitable burial depths and cable-laying techniques;  (iii) a plan <b>produced following pre-construction surveys identifying where scour protection is most likely to be required and</b> providing details of the need, type, sources, quality and installation methods for <b>scour protection and</b> cable protection (<b>an “intelligent scour protection management plan”</b>);  (iv) details of the methodology and extent of a post-lay survey to confirm burial depths;  <b>(v) co-ordinates of the transmission works within Work Nos. 1B, 2B and 3B;</b>  <b>(vi) the source of rock material used in construction and method to minimize contaminants and fines;</b>  <b>(vi) contractors;</b>  <b>(viii) vessels; and</b>  <b>(ix) associated works.</b></p>
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<p>Schedule 11, Part 2, Conditions, Pre-construction plans and documentation, 14(i)</p>	<p><i>Cofferdam method statement</i>  <b>(iv)</b> in the event that a temporary cofferdam is constructed in Work No. 3B, a cofferdam method statement for the monitoring and redistribution of sediment, to be agreed in writing by the MMO. The cofferdam method statement must include details of the installation and management of the temporary cofferdam.</p>	<p><i>Cofferdam method statement</i>  <b>(i)</b> in the event that a temporary cofferdam is constructed in Work No. 3B, a cofferdam method statement for the monitoring and redistribution of sediment, to be agreed in writing by the MMO. The cofferdam method statement must include details of the installation and management of the temporary cofferdam.</p>
<p>Schedule 11, Part 2, Conditions, Offshore safety management, 16(1)</p>	<p><b>(1) Offshore works must not commence until the MMO, in consultation with the MCA,—</b>  <b>(a) has given written approval for an emergency response and co-operation plan (“ERCoP”) that includes full details of the emergency response procedures for the construction, operation and de-commissioning phases of the authorised scheme in accordance with the MCA recommendations contained in the OREI guidance; and</b>  <b>(b) has confirmed in writing that the undertaker has taken into account and adequately addressed all MCA recommendations contained in the OREI guidance that are appropriate to the authorised scheme.</b>  <b>(2) The ERCoP must include the identification of a point of contact for emergency response.</b>  <b>(3) The ERCoP must be implemented as approved.</b>  <b>(4) In this Condition, “OREI guidance” means MCA document MGN371 “Offshore Renewable Energy Installations (OREIs) – Guidance on UK Navigational Practice,</b></p>	<p><b>(1) The licenced activities or any phase of those activities (insofar as relevant to that activity or phase of activity) must not commence until the MMO, in consultation with the MCA, has confirmed in writing that the undertaker has taken into account and, so far as is applicable to the relevant part or phase of the project, adequately addressed all MCA recommendations as appropriate to the authorised scheme contained within MGN543 "Offshore Renewable Energy Installations (OREIs) – Guidance on UK Navigational Practice, Safety and Emergency Response Issues" and its annexes (or subsequent updates).</b></p>

	<b>Safety and Emergency Response Issues” and its annexes.</b>	
Schedule 11, Part 2, Conditions, Post-construction surveys, 21(2)(a)	appropriate high-resolution bathymetric surveys undertaken to International Hydrographic Organisation Order IA standard and side-scan sonar surveys around a sample of infrastructure locations that are considered appropriate to assess any changes in seabed topography. For this purpose, the undertaker must before the first survey submit a desk- based assessment (that takes into account all factors that influence scour) to identify the sample of infrastructure locations that are considered appropriate with greatest potential for scour. The survey must be used to validate the desk-based assessment. Further surveys may be required if there are significant differences between the modelled scour and recorded scour;	appropriate high-resolution bathymetric surveys undertaken to International Hydrographic Organisation Order IA standard and side-scan sonar surveys around a sample of infrastructure locations that are considered appropriate to assess any changes in seabed topography, <b>which are to be agreed in writing with the MMO.</b> For this purpose, the undertaker must before the first survey submit a desk- based assessment (that takes into account all factors that influence scour) to identify the sample of infrastructure locations that are considered appropriate with greatest potential for scour. The survey must be used to validate the desk-based assessment. Further surveys may be required if there are significant differences between the modelled scour and recorded scour;
Schedule 11, Part 2, Conditions, Aids to navigation, 24	The undertaker must submit reports quarterly to Trinity House detailing the working condition of aids to navigation. Reports may be requested more frequently by Trinity House, and must be submitted by the undertaker as requested.	The undertaker must submit reports quarterly to Trinity House detailing the working condition of aids to navigation, <b>unless otherwise agreed in the Aids to Navigation Management Plan.</b> Reports may be requested more frequently by Trinity House, and must be submitted by the undertaker as requested.