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Work Planned for the Period 13.03.2023 to 19.03.2023

Offshore Construction of the Dogger Bank A Offshore Wind Farm commenced on the 18th of March 2022.

This notice will be updated weekly, giving information on the progress and resources involved in the offshore project. The intention is to give an overview of activities and vessels involved. Should anyone have questions regarding the operations, we kindly ask you to put them forward well in advance.

Dogger Bank Offshore Wind Project is a development project within the Renewables offshore wind sector for the three owners; SSE, Equinor and ENI. Dogger Bank A is the first stage of development in the Dogger Bank Zone in the United Kingdom. It will have a consented capacity of up to 1.2 GW.

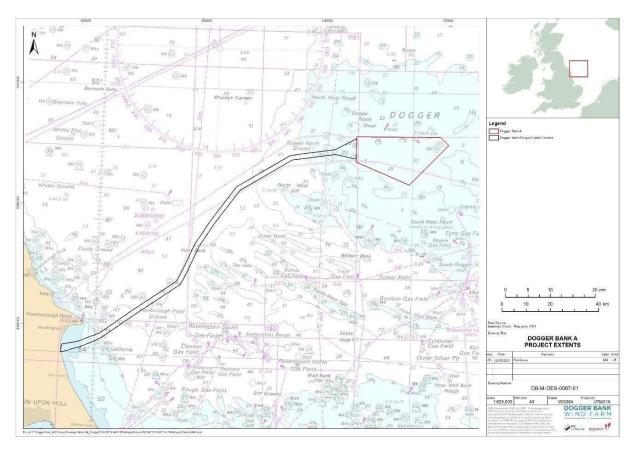


Figure 1 Dogger Bank A Offshore Wind Farm Location

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1. Contact Details for Marine Coordination

The following contact can provide more information if required. Please note that specific queries can also be addressed to the relevant vessel or shore-based representatives.

| Duty Marine Coordinator Telephone Number | +44 (0) 7586 332078 |
|---|---|
| Emergency Contact (24/7) | +44 (0) 7586 332078 |
| Email for Marine Coordinator | gm_dbmcc@equinor.com |
| Address | Dogger Bank MCC, Dogger Bank Operations & Maintenance Base, Enterprise Way, East Side, Port of Tyne, South Shields NE33 5SW |

2. Ongoing Operations

2.1 Foundation Installation

The Offshore installation vessel, **HLV Seaway Strashnov**, will install monopile foundations, within the Dogger Bank A construction area.

The works commenced in October 2022. The **HLV Seaway Strashnov** has now left the construction site for dry docking. The vessel is due back in Q1 2023, continuing until approximately Q3 2023.

Installed foundation locations are presented in section 3 below.

2.2 Construction Support Activities

The Offshore Construction Support Vessel, **VOS Start**, will continue with ongoing construction support activities within Dogger Bank A construction site.

The works will be performed in a single campaign, commencing on the 6th of November 2022 and continuing until approximately 30th of September 2023. The works will be continuous, 24 hours a day.

During operations, the **VOS Start** will be restricted in its ability to manoeuvre as defined under COLREGs (International Regulations for Preventing Collisions at Sea 1972) and will display the appropriate day shapes and lights. The vessel will also transmit an Automatic Identification System (AIS) message.

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It is requested that all vessels maintain a minimum of 500m separation distance from the vessel and pass at reduced speed. Fishing gear or other equipment with seabed intervention should not be deployed when approaching the working area.

2.3 Inter Array Cable Pre Lay Grapnel Run

The Multifunctional Anchor Handling Tug **BB Ocean** will conduct Pre-Lay Grapnel Run operations in the Dogger Bank A inter array cable routes.

The campaign will commence on the 17th of March 2023 and continue until approximately 17th of April 2023. The works will be continuous, 24 hours a day.

During operations, the **BB Ocean** will be restricted in its ability to manoeuvre as defined under COLREGs (International Regulations for Preventing Collisions at Sea 1972) and will display the appropriate day shapes and lights. The vessel will also transmit an Automatic Identification System (AIS) message.

It is requested that all vessels maintain a minimum of 1.5Nm separation distance from the AHT and pass at reduced speed. Fishing gear or other equipment with seabed intervention should not be deployed when approaching the working corridor.

3. Installation progress

The table below presents the coordinates of the DBA WTG locations and gives an update on the progress of installation of various stages of construction. All locations referenced to WGS 84

| ID | Structure | Latitude | Longitude | Filter layer installed: | Foundation installed |
|-----|-----------|--------------|---------------|----------------------------|-------------------------|
| A06 | WTG | 54° 44.43' N | 001° 44.58' E | 31/05/2022 | 31/07/2022 |
| A07 | WTG | 54° 45.41' N | 001° 42.48' E | 31/05/2022 | 19/08/2022 |
| A08 | WTG | 54° 46.40' N | 001° 40.37' E | 13/06/2022 | |
| B04 | WTG | 54° 43.34' N | 001° 50.02' E | 29/07/2022 | |
| B05 | WTG | 54° 44.33' N | 001° 47.92' E | 30/07/2022 | |
| B06 | WTG | 54° 45.32' N | 001° 45.82' E | 30/05/2022 | |
| B07 | WTG | 54° 46.30' N | 001° 43.71' E | 30/05/2022 | 17/08/2022 |
| B08 | WTG | 54° 47.29' N | 001° 41.61' E | 14/06/2022 | |
| C01 | WTG | 54° 41.26' N | 001° 57.56' E | 23/07/2022 | |
| C02 | WTG | 54° 42.25' N | 001° 55.46' E | 25/07/2022 | |
| C03 | WTG | 54° 43.24' N | 001° 53.36' E | 25/07/2022 | |
| C04 | WTG | 54° 44.23' N | 001° 51.26' E | 29/07/2022 | |
| C05 | WTG | 54° 45.22' N | 001° 49.16' E | 30/07/2022 | |
| C06 | WTG | 54° 46.20' N | 001° 47.06' E | 14/06/2022 | |

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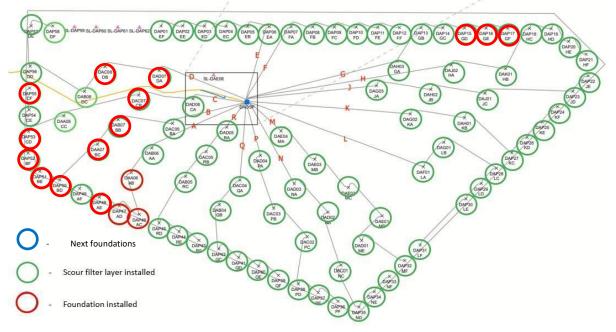
| | | | - | - | |
|-----|-------|--------------|---------------|------------|------------|
| C07 | WTG | 54° 47.18' N | 001° 44.95' E | 14/06/2022 | 15/08/2022 |
| C08 | WTG | 54° 48.17' N | 001° 42.85' E | 14/06/2022 | 30/10/2022 |
| D01 | WTG | 54° 42.15' N | 001° 58.80' E | 24/07/2022 | |
| D02 | WTG | 54° 43.13' N | 001° 56.70' E | 24/07/2022 | |
| D03 | WTG | 54° 44.12' N | 001° 54.60' E | 25/07/2022 | |
| D04 | WTG | 54° 45.11' N | 001° 52.50' E | 29/07/2022 | |
| D05 | WTG | 54° 46.10' N | 001° 50.40' E | 30/07/2022 | |
| D06 | WTG | 54° 47.08' N | 001° 48.30' E | 18/06/2022 | |
| D07 | WTG | 54° 48.07' N | 001° 46.19' E | 30/05/2022 | 22/08/2022 |
| E01 | WTG | 54° 43.03' N | 002° 00.04' E | 24/07/2022 | |
| E02 | WTG | 54° 44.02' N | 001° 57.95' E | 24/07/2022 | |
| E03 | WTG | 54° 45.01' N | 001° 55.85' E | 28/07/2022 | |
| E04 | WTG | 54° 46.00' N | 001° 53.75' E | 29/07/2022 | |
| E06 | Spare | 54° 47.97' N | 001° 49.54' E | | |
| F01 | WTG | 54° 44.80' N | 002° 02.53' E | 01/07/2022 | |
| G01 | WTG | 54° 45.68' N | 002° 03.78' E | 01/07/2022 | |
| G02 | WTG | 54° 46.67' N | 002° 01.68' E | 30/06/2022 | |
| G03 | WTG | 54° 47.66' N | 001° 59.58' E | 30/06/2022 | |
| H01 | WTG | 54° 46.56' N | 002° 05.02' E | 30/06/2022 | |
| H02 | WTG | 54° 47.55' N | 002° 02.92' E | 30/06/2022 | |
| H03 | WTG | 54° 48.54' N | 002° 00.82' E | 24/06/2022 | |
| J01 | WTG | 54° 47.44' N | 002° 06.27' E | 24/06/2022 | |
| J02 | WTG | 54° 48.43' N | 002° 04.17' E | 24/06/2022 | |
| K01 | WTG | 54° 48.32' N | 002° 07.52' E | 24/06/2022 | |
| OSP | OSP | 54° 47.00' N | 001° 51.63' E | | |
| P01 | WTG | 54° 49.66' N | 001° 46.25' E | 29/06/2022 | |
| P02 | WTG | 54° 49.67' N | 001° 47.59' E | 29/06/2022 | |
| P03 | WTG | 54° 49.68' N | 001° 48.93' E | 29/06/2022 | |
| P04 | WTG | 54° 49.69' N | 001° 50.26' E | 26/06/2022 | |
| P05 | WTG | 54° 49.69' N | 001° 51.60' E | 26/06/2022 | |
| P06 | WTG | 54° 49.70' N | 001° 52.93' E | 26/06/2022 | |
| P07 | WTG | 54° 49.70' N | 001° 54.27' E | 25/06/2022 | |
| P08 | WTG | 54° 49.71' N | 001° 55.60' E | 25/06/2022 | |
| P09 | WTG | 54° 49.72' N | 001° 56.94' E | 25/06/2022 | |
| P10 | WTG | 54° 49.72' N | 001° 58.27' E | 25/06/2022 | |
| P11 | WTG | 54° 49.73' N | 001° 59.61' E | 25/06/2022 | |
| P12 | WTG | 54° 49.73' N | 002° 00.94' E | 25/06/2022 | |
| P13 | WTG | 54° 49.74' N | 002° 02.28' E | 18/06/2022 | |
| P14 | WTG | 54° 49.75' N | 002° 03.62' E | 18/06/2022 | |
| P15 | WTG | 54° 49.75' N | 002° 04.95' E | 18/06/2022 | 15/11/2022 |

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| P16 | WTG | 54° 49.75' N | 002° 06.29' E | 19/06/2022 | 31/10/2022 |
|-----|-----|--------------|---------------|------------|------------|
| P17 | WTG | 54° 49.76' N | 002° 07.62' E | 19/06/2022 | 14/10/2022 |
| P18 | WTG | 54° 49.76' N | 002° 08.96' E | 19/06/2022 | |
| P19 | WTG | 54° 49.76' N | 002° 10.29' E | 19/06/2022 | |
| P20 | WTG | 54° 49.32' N | 002° 11.38' E | 19/06/2022 | |
| P21 | WTG | 54° 48.87' N | 002° 12.47' E | 19/06/2022 | |
| P22 | WTG | 54° 48.10' N | 002° 12.61' E | 19/06/2022 | |
| P23 | WTG | 54° 47.55' N | 002° 11.68' E | 20/06/2022 | |
| P24 | WTG | 54° 47.00' N | 002° 10.75' E | 20/06/2022 | |
| P25 | WTG | 54° 46.45' N | 002° 09.82' E | 23/06/2022 | |
| P26 | WTG | 54° 45.89' N | 002° 08.89' E | 23/06/2022 | |
| P27 | WTG | 54° 45.34' N | 002° 07.96' E | 24/06/2022 | |
| P28 | WTG | 54° 44.78' N | 002° 07.03' E | 01/07/2022 | |
| P29 | WTG | 54° 44.23' N | 002° 06.10' E | 01/07/2022 | |
| P30 | WTG | 54° 43.67' N | 002° 05.18' E | 01/07/2022 | |
| P31 | WTG | 54° 42.02' N | 002° 02.40' E | 02/07/2022 | |
| P32 | WTG | 54° 41.46' N | 002° 01.47' E | 02/07/2022 | |
| P33 | WTG | 54° 40.91' N | 002° 00.54' E | 02/07/2022 | |
| P34 | WTG | 54° 40.35' N | 001° 59.62' E | 02/07/2022 | |
| P35 | WTG | 54° 39.80' N | 001° 58.70' E | 02/07/2022 | |
| P36 | WTG | 54° 40.00' N | 001° 57.41' E | 02/07/2022 | |
| P37 | WTG | 54° 40.29' N | 001° 56.18' E | 23/07/2022 | |
| P38 | WTG | 54° 40.58' N | 001° 54.95' E | 20/07/2022 | |
| P39 | WTG | 54° 40.88' N | 001° 53.72' E | 20/07/2022 | |
| P40 | WTG | 54° 41.18' N | 001° 52.49' E | 20/07/2022 | |
| P41 | WTG | 54° 41.47' N | 001° 51.27' E | 19/07/2022 | |
| P42 | WTG | 54° 41.77' N | 001° 50.04' E | 19/07/2022 | |
| P43 | WTG | 54° 42.06' N | 001° 48.81' E | 19/07/2022 | |
| P44 | WTG | 54° 42.36' N | 001° 47.57' E | 19/07/2022 | |
| P45 | WTG | 54° 42.65' N | 001° 46.34' E | 18/07/2022 | |
| P46 | WTG | 54° 42.95' N | 001° 45.11' E | 12/06/2022 | 25/07/2022 |
| P47 | WTG | 54° 43.24' N | 001° 43.88' E | 13/06/2022 | 28/07/2022 |
| P48 | WTG | 54° 43.54' N | 001° 42.65' E | 31/05/2022 | 05/08/2022 |
| P49 | WTG | 54° 43.83' N | 001° 41.42' E | 13/06/2022 | |
| P50 | WTG | 54° 44.12' N | 001° 40.19' E | 13/06/2022 | 06/08/2022 |
| P51 | WTG | 54° 44.41' N | 001° 38.95' E | 31/05/2022 | 07/08/2022 |
| P52 | WTG | 54° 45.05' N | 001° 38.21' E | 13/06/2022 | 24/10/2022 |
| P53 | WTG | 54° 45.82' N | 001° 38.22' E | 01/06/2022 | 24/08/2022 |
| P54 | WTG | 54° 46.60' N | 001° 38.22' E | 01/06/2022 | |
| P55 | WTG | 54° 47.36' N | 001° 38.23' E | 01/06/2022 | 22/10/2022 |
| P56 | WTG | 54° 48.14' N | 001° 38.23' E | 18/07/2022 | |

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| P57 | WTG | 54° 49.58' N | 001° 38.24' E | 18/07/2022 | |
|-----|-------|--------------|---------------|------------|--|
| P58 | WTG | 54° 49.58' N | 001° 39.58' E | 14/06/2022 | |
| P59 | Spare | 54° 49.60' N | 001° 40.91' E | | |
| P60 | Spare | 54° 49.60' N | 001° 42.25' E | | |
| P61 | Spare | 54° 49.61' N | 001° 43.59' E | | |
| P62 | Spare | 54° 49.62' N | 001° 44.92' E | | |



4. General Safety Advice

All vessels engaged in construction activities will exhibit the appropriate lights and shapes, defined by the International Regulations for Preventing Collisions at Sea 1972, relative to their operations. Vessels will also transmit an Automatic Identification System (AIS) message.

Mariners are reminded to navigate with caution and keep continuous watch on VHF Ch. 70 / 16 when navigating the area.

5. Safety Zones within the Dogger Bank Offshore Windfarm Construction Area

The Secretary of State for Business, Energy and Industrial Strategy (BEIS) has approved the use of safety zones under the Energy Act 2004 for the installation of wind turbines and offshore transformer module foundations/substructures within the Dogger Bank Offshore Windfarm.

The Secretary of State has declared safety zones under the following terms:

During Construction

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• 500 metres radius around each wind turbine, offshore transformer module and/or their substructures and foundations comprising the Dogger Bank Offshore Wind Farm whilst work is being performed as indicated by the presence of construction vessels.

(It is noted that the 500 metre safety zones will roll with the installation activity with no more than two construction vessels working at any one time. Vessels are advised that anchors associated with the construction vessels may extend outside of the 500 metre safety zone.)

 50 metres radius around each wind turbine, offshore transformer module and/or their substructure and foundations installed but waiting to be commissioned as part of the Dogger Bank Offshore Wind Farm.

Positions of foundations installed will be published in the current Weekly Notice of Operations. Only vessels associated with the Dogger Bank Offshore Wind Farm construction may enter statutory safety zones.

The guard vessel and Marine Coordination centre will be responsible for monitoring and policing the safety zones; and can be contacted directly for advice. The guard vessel will be on site 24/7 whilst safety zones are in place.

Further information on the application of safety zones can be obtained from the Marine Coordinator. Users are advised to keep clear of construction activities, including safety zones, within the Dogger Bank Offshore Windfarm construction area in line with Marine Guidance Note (MGN) 372.

ALL VESSELS ARE REQUESTED to give all construction and support vessels a wide berth.

MARINERS ARE REMINDED to navigate with caution and keep continued watch on VHF Ch. 70 / 16 when navigating the area

6. Fisheries Liaison

Fisheries liaison associated with the activity will be co-ordinated by Brown and May Marine Ltd. For any commercial fishery queries please contact:

Alex Winrow-Giffin, Brown & May Marine Ltd Alex @brownmay.com Tel: 01379 870181 Mob: 07760 160039

Zoë Lawrence - Brown & May Marine Ltd <u>zoe@brownmay.com</u> Mob: 07923 138175

7. Distribution List

A central list of recipients is maintained by the Marine Coordinator. If you are not the appropriate recipient of these notices or do not wish to receive the notices in the future, please contact us at the address included in Section 1 of this notice.

8. Website

The official website of Dogger Bank Offshore Windfarm Limited can be found at:

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Weekly documents Archive - Dogger Bank Wind Farm

This contains all Notices to Mariners (NtM) published by DBOWF and all Weekly Notices of Operations, together with a large amount of general information about the Project.

Details of NtM published by DBOWF can also be found on the Kingfisher Bulletin interactive chart at: <u>View all Notices (kingfisherbulletin.org)</u>

DOGGER BANK WIND FARM

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| Ve | Vessels & Operators DOGGER BANK | | | | | | | | | |
|----|--------------------------------------|-----------|----------------------------|-------------------------|---|--------------------------------|-------------------------------|--------------|------------------------------|--|
| | Vessel Data Matrix OWF | | | | | | | | RM | |
| | No Vessel Picture Vessel Name / Flag | | | | | Call sign / MMSI / IMO | LOA (m) Beam (m) Draft (m) | Date on Site | Marine Licence applicable | |
| 1 | | Jacobus | Guard Vessel | Van Laar Maritime | Lindsay Pein Van Laar Maritime B.V. Strandweg 7 1976 BS Umuiden The Netherlands www.vanlaarmaritime.com Tel: +31 255 518449 | MIVU7 / 232034467 / 9910284 | 37.5 x 8.7 x 4.4 | 03.08.2022 | Non-OFTO | |
| 2 | | Vos Start | Service Operations Vessels | Vroon Offshore Services | Joyce Scholten QHSE Manager / DPA Vroon Offshore Services B.V. T +31223673853 M +31 6 15 05 66 16 joyce.scholten@nl.vroonoffshore.com | PBIH / 244890845 / 9730505 | 80 x 18.4 x 3.8 | 07.11.2022 | Non-OFTO | |
| 3 | | BB Ocean | Anchor Handling Tug | DEME | Willem Nieuwenhuize (DEME HSE Manager) Mobile: +31 6 15 85 69 02 Email: Wini@deme-group.com | LFBI / 258825000 / 9196503 | 57.09m x 15.00m x 3.8m | 17.03.2023 | Non-OFTO | |

Page | 9 Name and Registered Office: Dogger Bank Windfarm Limited. One Waterloo Street, Glasgow. G2 6AY