

Weekly Notice of Operations (WNoO)

Dogger Bank B Offshore Windfarm

Construction Operations

Issue Date: 29th April 2024

LF600013-CST-DOG-NOT-0002 Weekly Notice of Operations – Rev 055

Work Planned for the Period 29.04.2024 to 05.05.2024

Offshore Construction of the Dogger Bank B Offshore Wind Farm commenced on the 25th of April 2023 with the installation of the OSP jacket foundation.

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 Vårgrønn. Dogger Bank B is the second stage of development in the Dogger Bank Zone in the United Kingdom. It will have a consented capacity of up to 1.2 GW.

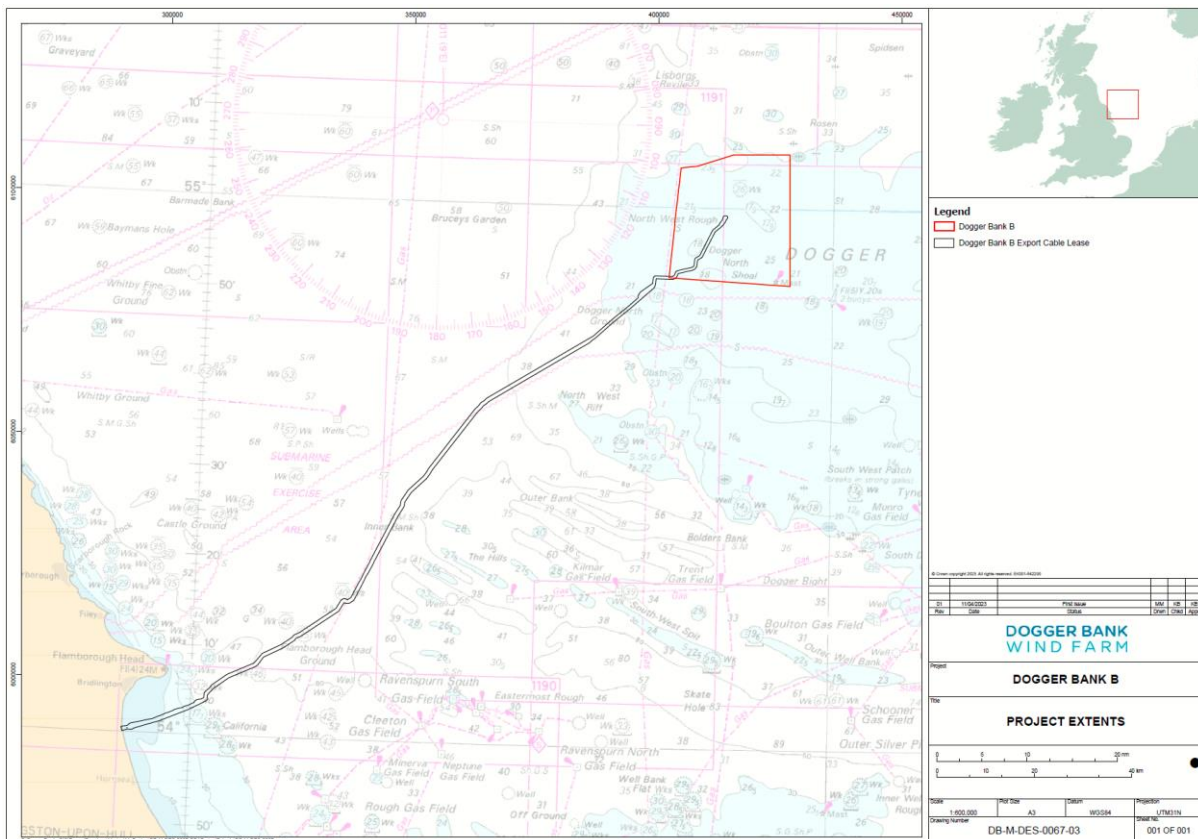


Figure 1 Dogger Bank B Offshore Wind Farm Location

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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 OSP Commissioning works

The DBB Offshore Substation Platform (OSP) will undergo a Commissioning phase within the Dogger Bank B construction area. The Jack up Vessel (JUV) **HEA Leviathan** will jack up and connect to the DBB OSP by a fixed gangway. The **HEA Leviathan** will remain on site during the Commissioning phase, acting as the accommodation platform and OSP emergency evacuation vessel.

The works will commence on approximately the 25th of April 2024, continuing until approximately 31st of August 2023. The works will be continuous 24 hours a day. During operations, a Statutory Safety zone of 500m radius will be in place around the **HEA Leviathan** for the duration of the Commissioning phase of the DBA OSP. Vessels are requested to maintain a minimum safe passing distance of 1km from the **HEA Leviathan** during the operation.

The **PSV SAR Loke** will carry out irregular supply runs to the **HEA Leviathan**. The first of these supply runs is due on the 25th of April 2024 once the **HEA Leviathan** has jacked up and attached the gangway.

2.2 Monopile foundation installation works.

The Offshore installation vessel, **HLV Seaway Strashnov**, will install mono-pile foundations in the Dogger Bank B offshore windfarm construction area.

The works will commence on the 22nd of April 2024, continuing until approximately Q3 2024. The works will be continuous 24 hours a day. A chart of the DBB construction area and the foundation locations are provided below. A running list of the installed foundations and next locations are presented in the Weekly Notice of Operations.

The installed monopiles will be marked with temporary lighting with the following characteristics:

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- Flashing (Fl) Yellow (Y) 2.5 seconds (s)
- IALA Availability Category 2 (not less than 99.0%)
- 360° visibility – up to two lights per structure may be used to achieve this
- At least 2 nm range.

During operations, the **HLV Seaway Strashnov** will be restricted in 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 vessels will also transmit an Automatic Identification System (AIS) message.

During operations, a Statutory Safety zone of 500m radius will be in place around the **HLV Seaway Strashnov**. The safety zones will be monitored by a guard vessel.

2.3 Monopile installation underwater noise monitoring works.

On behalf of Dogger Bank Windfarm, Subacoustech Environmental Ltd will carry out underwater noise monitoring during the first five mono-piling operations to install foundation monopiles using the Service Operations Vessel, Edda Boreas, within the Dogger Bank B construction area.

The works will commence on the 22nd of April 2024, continuing until the first twelve piling operations are complete. The works will be continuous, 24 hours a day.

The **Edda Boreas** will deploy a transect of up to four hydrophones on the seabed. The distances have been set at 750m, 1,500m, 5,000m and 10,000m from the piling site. Noise measurement equipment will consist of Autonomous Recording Units (ARUs) with one low sensitivity (Hi-SPL) hydrophone per unit at an approximate 2/3rd water depth. Each ARU will be moored by a fixed weight to the seabed.

Equipment will be deployed prior to the start of piling operations and will be retrieved on completion.

During operations, the **Edda Boreas** 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.

3. Installation progress

The table below presents the coordinates of the DBB 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	MP Foundation installed	Transition Piece installed
A02	WTG	54° 53.65' N	001° 31.22' E		
B02	WTG	54° 53.84' N	001° 34.22' E		
B03	WTG	54° 55.4' N	001° 32.89' E		
B04	WTG	54° 56.96' N	001° 31.55' E		

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C02	WTG	54° 54.03' N	001° 37.21' E		
C03	WTG	54° 55.59' N	001° 35.89' E		
C04	WTG	54° 57.15' N	001° 34.55' E		
C05	WTG	54° 58.71' N	001° 33.22' E		
D02	WTG	54° 54.21' N	001° 40.21' E		
D03	WTG	54° 55.77' N	001° 38.89' E		
D04	WTG	54° 57.33' N	001° 37.56' E		
D05	WTG	54° 58.89' N	001° 36.23' E		
D06	WTG	55° 00.45' N	001° 34.89' E		
D07	WTG	55° 02.01' N	001° 33.56' E		
E02	WTG	54° 54.40' N	001° 43.21' E		
E03	WTG	54° 55.96' N	001° 41.89' E		
E04	WTG	54° 57.52' N	001° 40.56' E		
E06	WTG	55° 00.64' N	001° 37.9' E		
E07	WTG	55° 02.20' N	001° 36.57' E		
F01	WTG	54° 53.02' N	001° 47.53' E		
F02	WTG	54° 54.58' N	001° 46.21' E		
F03	WTG	54° 56.14' N	001° 44.89' E		
F04	WTG	54° 57.70' N	001° 43.56' E		
F05	WTG	54° 59.26' N	001° 42.23' E		
F06	WTG	55° 00.82' N	001° 40.91' E	27/04/2024	
F07	WTG	55° 02.38' N	001° 39.57' E		
F08	WTG	55° 03.94' N	001° 38.24' E		
G02	WTG	54° 54.76' N	001° 49.21' E		
G03	WTG	54° 56.32' N	001° 47.89' E		
G04	WTG	54° 57.88' N	001° 46.56' E		
G05	WTG	54° 59.44' N	001° 45.24' E		
G07	WTG	55° 02.57' N	001° 42.58' E		
G08	WTG	55° 04.13' N	001° 41.25' E		
H05	WTG	54° 59.62' N	001° 48.24' E		
H06	WTG	55° 01.19' N	001° 46.92' E		
H07	WTG	55° 02.75' N	001° 45.59' E		
H08	WTG	55° 04.31' N	001° 44.26' E		
J07	WTG	55° 02.93' N	001° 48.6' E		
J08	WTG	55° 04.49' N	001° 47.27' E		
P01	WTG	55° 05.97' N	001° 48.55' E		
P02	WTG	55° 05.99' N	001° 51.07' E		

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P03	WTG	55° 05.22' N	001° 51.09' E		
P04	WTG	55° 04.45' N	001° 51.11' E		
P06	WTG	55° 02.91' N	001° 51.16' E		
P07	WTG	55° 02.14' N	001° 51.18' E		
P08	WTG	55° 01.37' N	001° 51.2' E		
P10	WTG	54° 59.83' N	001° 51.24' E		
P11	WTG	54° 59.05' N	001° 51.27' E		
P12	WTG	54° 58.28' N	001° 51.29' E		
P13	WTG	54° 57.51' N	001° 51.31' E		
P14	WTG	54° 56.74' N	001° 51.33' E		
P15	WTG	54° 55.97' N	001° 51.35' E		
P16	WTG	54° 55.20' N	001° 51.38' E		
P17	WTG	54° 54.43' N	001° 51.40' E		
P18	WTG	54° 53.66' N	001° 51.42' E		
P19	WTG	54° 52.89' N	001° 51.44' E		
P20	WTG	54° 52.12' N	001° 51.46' E		
P21	WTG	54° 51.73' N	001° 50.30' E		
P22	WTG	54° 51.78' N	001° 48.97' E		
P23	WTG	54° 51.82' N	001° 47.63' E		
P24	WTG	54° 51.86' N	001° 46.30' E		
P25	WTG	54° 51.90' N	001° 44.96' E		
P26	WTG	54° 51.94' N	001° 43.63' E		
P27	WTG	54° 51.98' N	001° 42.29' E		
P28	WTG	54° 52.02' N	001° 40.96' E		
P29	WTG	54° 52.06' N	001° 39.62' E		
P30	WTG	54° 52.10' N	001° 38.29' E		
P31	WTG	54° 52.14' N	001° 36.95' E		
P32	WTG	54° 52.18' N	001° 35.62' E		
P33	WTG	54° 52.22' N	001° 34.28' E		
P34	WTG	54° 52.26' N	001° 32.95' E	27/04/2024	
P35	WTG	54° 52.30' N	001° 31.61' E		
P36	WTG	54° 52.34' N	001° 30.28' E	26/04/2024	
P37	WTG	54° 52.38' N	001° 28.94' E		
P38	WTG	54° 53.15' N	001° 28.80' E		
P39	WTG	54° 53.91' N	001° 28.92' E		
P40	WTG	54° 54.68' N	001° 29.04' E		
P41	WTG	54° 55.45' N	001° 29.16' E		

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P42	WTG	54° 56.22' N	001° 29.28' E		
P43	WTG	54° 56.98' N	001° 29.39' E		
P44	WTG	54° 57.75' N	001° 29.51' E		
P45	WTG	54° 58.52' N	001° 29.57' E		
P46	WTG	54° 59.29' N	001° 29.70' E		
P47	WTG	55° 00.06' N	001° 29.83' E		
P48	WTG	55° 00.83' N	001° 29.96' E		
P49	WTG	55° 01.59' N	001° 30.08' E		
P50	WTG	55° 02.36' N	001° 30.21' E		
P51	WTG	55° 03.13' N	001° 30.34' E		
P52	WTG	55° 03.89' N	001° 30.47' E		
P53	WTG	55° 04.41' N	001° 31.46' E		
P54	WTG	55° 04.51' N	001° 32.80' E		
P55	WTG	55° 04.67' N	001° 34.11' E		
P56	WTG	55° 04.91' N	001° 35.38' E		
P57	WTG	55° 05.16' N	001° 36.66' E		
P60	WTG	55° 05.88' N	001° 40.49' E		
OSP	OSP	54° 59.08' N	001° 39.23' E	13/02/2023	Topside Installed 13/04/2024
G06	Spare	55° 01.00' N	001° 43.91' E		
P05	Spare	55° 03.68' N	001° 51.13' E		
P09	Spare	55° 00.60' N	001° 51.22' E		
P58	Spare	55° 05.40' N	001° 37.93' E		
P59	Spare	55° 05.65' N	001° 39.21' E		
P61	Spare	55° 05.90' N	001° 41.83' E		
P62	Spare	55° 05.91' N	001° 43.18' E		
P63	Spare	55° 05.93' N	001° 44.52' E		
P64	Spare	55° 05.94' N	001° 45.86' E		
P65	Spare	55° 05.95' N	001° 47.21' E		

* OSP Jacket installed

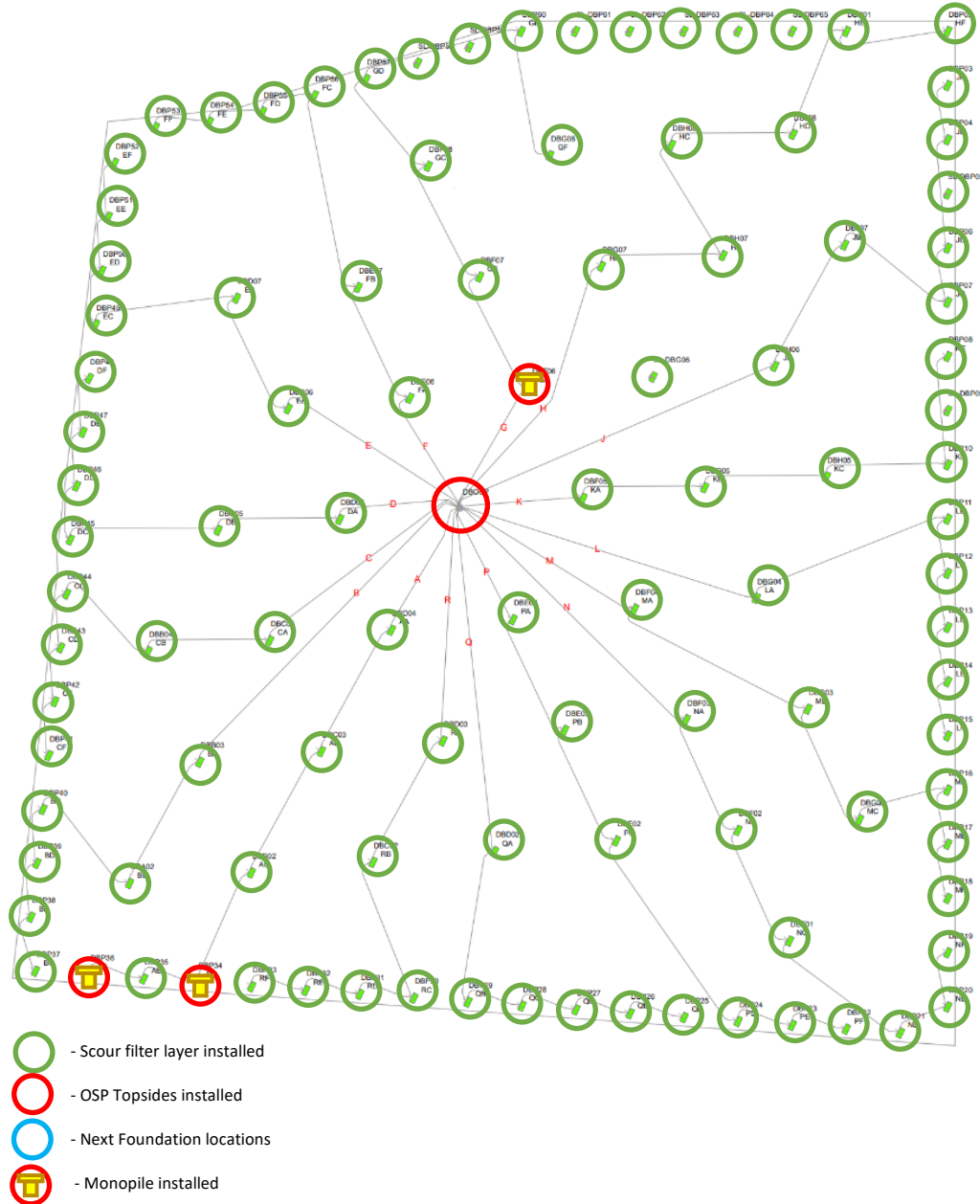
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4. General Safety Advice

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.

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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

- 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

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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

zoe@brownmay.com

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:

[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:

[View all Notices \(kingfisherbulletin.org\)](#)

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Vessels & Operators									
Vessel Data Matrix DBB OWF									
No	Vessel Picture	Vessel Name / Flag	Type / Function	Operator	Contact / contact details	Call sign / MMSI / IMO	LOA (m) Beam (m) Draft (m)	Date on Site	Marine Licence applicable
1		Jacobus GB	Guard Vessel	Van Laar Maritime	Lindsay Pein Van Laar Maritime B.V. Strandweg 7 1976 BS IJmuiden The Netherlands www.vanlaarmaritime.com Tel: +31 255 518449	MVU7 / 232034467 / 9910284	37.5m x 8.7m x 4.4m	03.08.2022	OFTO/Non-OFTO
2		HEA Leviathan PA	OSP Support Accommodation platform	ZMI / HEA	Mohamad Mahmood DPA - C SO ZMI +971 54 5828884 mohamad.mahmood@zmiglobal.com	3ESC6 / 370262000 / 9522219	76m x 36 m x 6.5m	25.04.2024	OFTO
3		Edda Boreas NO	Service Operations Vessel	Ostensjo	ELIAS T. NORNES elias.nornes@ostensjo.no Switchboard +47 52 70 45 45 Cell phone + 47 48 99 45 61	LALJ8 / 257090000 / 9915935	88m x 19.7m x 5.2m	22.04.2024	Non-OFTO
4		HLV Seaway Strashnov CY	Heavy Lift Foundation installation vessel	Seaway 7	Arno van Graafeiland Seaway 7 arno.vangraafeiland@Subsea 7.com Tel +31 79 363 78 70 Mobile +31 61 44 80 696	5BN L2 / 212905000 / 9452701	183m x 47m x 14m	22.04.2024	Non-OFTO
5		SAR Loke NO	Platform Supply Vessel (PSV)	Hoyland Offshore As	Damien Kazienko Hoyland Offshore DPA office@hoyoff.no +47 5632 6000	LMVP3 / 259495000 / 9166613	73.6m x 16.4m x 6.9m	25.04.2024	OFTO