

Weekly Notice of Operations (WNoO)

Dogger Bank B Offshore Windfarm

Construction Operations

Issue Date: 08th May 2023

LF600013-CST-DOG-NOT-0002 Weekly Notice of Operations – Rev 004

Work Planned for the Period 08.05.2023 to 14.05.2023

Offshore Construction of the Dogger Bank B Offshore Wind Farm will commence 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.

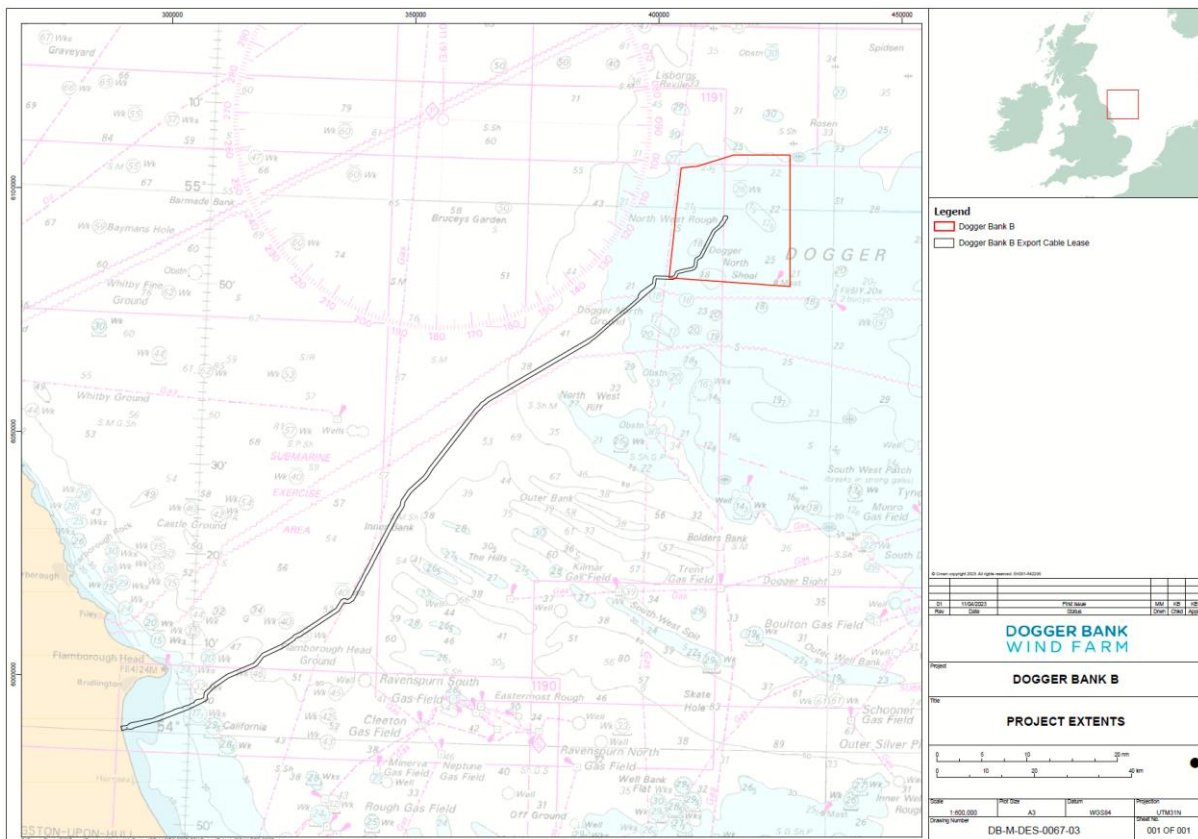


Figure 1 Dogger Bank B Offshore Wind Farm Location

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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 Export Cable – Nearshore Works

On behalf of Dogger Bank Windfarm, NKT will carry out nearshore intervention works in support of the installation on the Dogger Bank B Export Cable in the Dogger Bank A & B Export Cable Corridor.

The works commenced on the 25th of March 2023 in the vicinity of Bridlington Bay, approximately 1400 metres from shore and will continue until the 30th of May 2023.

The Offshore Service Vessel **Isle of Jura** will deploy a five-point mooring spread. Each mooring can will be fitted with a yellow marker light, which will display a set flashing sequence. A Pioneer boat (onboard the **Isle of Jura**) will assist with the connecting and disconnecting of the mooring lines from the Isle of Jura to the mooring array. The **Isle of Jura** will remain on station/site during the night and be manned 24 hours throughout.

Diving operations will be carried out from the **Isle of Jura**. The diving activities will include, exposing the HDD exit points and to prepare the HDD's ready for the submarine power cables. Once the submarine cables have been installed, the diving activities will include sealing and grouting the of the ducts. Diving operations may be carried out in the hours of darkness. A short safety message will be broadcast at the start and end of each diving operation on VHF Ch16.

The CTV **Seafast Don** will be carrying out MBES surveys of the seabed and along the pre-cut trenches throughout the dredging activities. The survey gear will be positioned on a side mounted pole and extended into the water. When engaged in survey activity, the **Seafast Don** will make several passes over the area at a reduced speed.

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The Backhoe Dredger Barge **Abeko Server 3** will be carrying out spoil management, trenching and backfilling activities. The backfilling activities will commence once the submarine power cable has been installed. The **Abeko Server 3** will remain on station/site during the night and be manned 24 hours throughout. The Tug **Duke of Normandy** will remain with the **Abeko Server 3** to assist in barge movements/relocation on site and towing to port as and when required.

The CTV, **Celtic Mara** will be conducting crew transfer activities from Bridlington Harbour to the **Isle of Jura** and **Abeko Server 3** daily.

2.2 Export Cable – Installation and Burial

The cable laying vessel, **NKT Victoria**, will install the Dogger Bank B export cable in the Southern North Sea in two sections. In addition, concrete mattresses will be installed at the Langed and SEAL pipeline crossings.

The installation work will be performed in two Campaigns, starting approximately the 16th April 2023 and continuing until approximately 10th June 2023. The work will be continuous, 24 hours a day.

The trenching support vessel, **Grand Canyon III**, will perform post-lay cable burial operations, including post-trench survey, on the Dogger Bank B export cable in the Southern North Sea.

The work will be performed in a single Campaign, starting approximately the 04th May 2023 and continuing until approximately the 08th August 2023. The work will be continuous, 24 hours a day.

2.3 Export Cable – Guard Vessel Deployment

Installation of the Dogger Bank B Offshore Windfarm Export Cable will commence on the 15th April 2023. Guard vessels will be deployed to protect the cable bundle from start of cable lay until the cable is adequately protected by means of trenching or rock placement.

To provide the required coverage, approximately 15 guard vessels will be used in the period from the 15th April 2023 until the 30th August 2023. Durations at each location will depend on progress of the cable installation, trenching and rock placement operations. Not all the vessels are expected to be used concurrently.

The primary purpose of the guard vessels is to protect exposed cable along the Dogger Bank B Export Cable corridor by monitoring and issuing warnings to marine traffic operating within 6nm of the construction area with a Closest Point of Approach (CPA) < 1.5nm. More specifically, the focus will be on those vessels with potential to be engaging in bottom contact activities such as fishing and anchoring.

The guard vessels will be clearly marked and display a highly visible "GUARD" sign on each side. The vessels will operate 24hrs, in all but extreme weather. Exchange of vessels on site will ensure the relevant section of cable is never left unguarded.

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In sections where cable protection has been completed, guard vessels will be released and sections will be opened for fishing or use of other equipment with seabed intervention. This may not necessarily be in a sequential order from shoreside outwards.

Details of deployed Guard vessels are presented in the Vessel Data Matrix at the end of this document.

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	Filter layer installed	Foundation installed
A02	WTG	54° 53.65' N	001° 31.22' N		
B02	WTG	54° 53.84' N	001° 34.22' N		
B03	WTG	54° 55.4' N	001° 32.89' N		
B04	WTG	54° 56.96' N	001° 31.55' N		
C02	WTG	54° 54.03' N	001° 37.21' N		
C03	WTG	54° 55.59' N	001° 35.89' N		
C04	WTG	54° 57.15' N	001° 34.55' N		
C05	WTG	54° 58.71' N	001° 33.22' N		
D02	WTG	54° 54.21' N	001° 40.21' N		
D03	WTG	54° 55.77' N	001° 38.89' N		
D04	WTG	54° 57.33' N	001° 37.56' N		
D05	WTG	54° 58.89' N	001° 36.23' N		
D06	WTG	55° 00.45' N	001° 34.89' N		
D07	WTG	55° 02.01' N	001° 33.56' N		
E02	WTG	54° 54.40' N	001° 43.21' N		
E03	WTG	54° 55.96' N	001° 41.89' N		
E04	WTG	54° 57.52' N	001° 40.56' N		
E06	WTG	55° 00.64' N	001° 37.9' N		
E07	WTG	55° 02.20' N	001° 36.57' N		
F01	WTG	54° 53.02' N	001° 47.53' N		
F02	WTG	54° 54.58' N	001° 46.21' N		
F03	WTG	54° 56.14' N	001° 44.89' N		
F04	WTG	54° 57.70' N	001° 43.56' N		
F05	WTG	54° 59.26' N	001° 42.23' N		

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F06	WTG	55° 00.82' N	001° 40.91' N		
F07	WTG	55° 02.38' N	001° 39.57' N		
F08	WTG	55° 03.94' N	001° 38.24' N		
G02	WTG	54° 54.76' N	001° 49.21' N		
G03	WTG	54° 56.32' N	001° 47.89' N		
G04	WTG	54° 57.88' N	001° 46.56' N		
G05	WTG	54° 59.44' N	001° 45.24' N		
G07	WTG	55° 02.57' N	001° 42.58' N		
G08	WTG	55° 04.13' N	001° 41.25' N		
H05	WTG	54° 59.62' N	001° 48.24' N		
H06	WTG	55° 01.19' N	001° 46.92' N		
H07	WTG	55° 02.75' N	001° 45.59' N		
H08	WTG	55° 04.31' N	001° 44.26' N		
J07	WTG	55° 02.93' N	001° 48.6' N		
J08	WTG	55° 04.49' N	001° 47.27' N		
P01	WTG	55° 05.97' N	001° 48.55' N		
P02	WTG	55° 05.99' N	001° 51.07' N		
P03	WTG	55° 05.22' N	001° 51.09' N		
P04	WTG	55° 04.45' N	001° 51.11' N		
P06	WTG	55° 02.91' N	001° 51.16' N		
P07	WTG	55° 02.14' N	001° 51.18' N		
P08	WTG	55° 01.37' N	001° 51.2' N		
P10	WTG	54° 59.83' N	001° 51.24' N		
P11	WTG	54° 59.05' N	001° 51.27' N		
P12	WTG	54° 58.28' N	001° 51.29' N		
P13	WTG	54° 57.51' N	001° 51.31' N		
P14	WTG	54° 56.74' N	001° 51.33' N		
P15	WTG	54° 55.97' N	001° 51.35' N		
P16	WTG	54° 55.20' N	001° 51.38' N		
P17	WTG	54° 54.43' N	001° 51.40' N		
P18	WTG	54° 53.66' N	001° 51.42' N		
P19	WTG	54° 52.89' N	001° 51.44' N		
P20	WTG	54° 52.12' N	001° 51.46' N		
P21	WTG	54° 51.73' N	001° 50.30' N		
P22	WTG	54° 51.78' N	001° 48.97' N		
P23	WTG	54° 51.82' N	001° 47.63' N		
P24	WTG	54° 51.86' N	001° 46.30' N		

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P25	WTG	54° 51.90' N	001° 44.96' N		
P26	WTG	54° 51.94' N	001° 43.63' N		
P27	WTG	54° 51.98' N	001° 42.29' N		
P28	WTG	54° 52.02' N	001° 40.96' N		
P29	WTG	54° 52.06' N	001° 39.62' N		
P30	WTG	54° 52.10' N	001° 38.29' N		
P31	WTG	54° 52.14' N	001° 36.95' N		
P32	WTG	54° 52.18' N	001° 35.62' N		
P33	WTG	54° 52.22' N	001° 34.28' N		
P34	WTG	54° 52.26' N	001° 32.95' N		
P35	WTG	54° 52.30' N	001° 31.61' N		
P36	WTG	54° 52.34' N	001° 30.28' N		
P37	WTG	54° 52.38' N	001° 28.94' N		
P38	WTG	54° 53.15' N	001° 28.8' N		
P39	WTG	54° 53.91' N	001° 28.92' N		
P40	WTG	54° 54.68' N	001° 29.04' N		
P41	WTG	54° 55.45' N	001° 29.16' N		
P42	WTG	54° 56.22' N	001° 29.28' N		
P43	WTG	54° 56.98' N	001° 29.39' N		
P44	WTG	54° 57.75' N	001° 29.51' N		
P45	WTG	54° 58.52' N	001° 29.57' N		
P46	WTG	54° 59.29' N	001° 29.70' N		
P47	WTG	55° 00.06' N	001° 29.83' N		
P48	WTG	55° 00.83' N	001° 29.96' N		
P49	WTG	55° 01.59' N	001° 30.08' N		
P50	WTG	55° 02.36' N	001° 30.21' N		
P51	WTG	55° 03.13' N	001° 30.34' N		
P52	WTG	55° 03.89' N	001° 30.47' N		
P53	WTG	55° 04.41' N	001° 31.46' N		
P54	WTG	55° 04.51' N	001° 32.80' N		
P55	WTG	55° 04.67' N	001° 34.11' N		
P56	WTG	55° 04.91' N	001° 35.38' N		
P57	WTG	55° 05.16' N	001° 36.66' N		
P60	WTG	55° 05.88' N	001° 40.49' N		
OSP	OSP	54° 59.08' N	001° 39.23' N	13.02.2023	
G06	Spare	55° 01.00' N	001° 43.91' N		
P05	Spare	55° 03.68' N	001° 51.13' N		

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P09	Spare	55° 00.60' N	001° 51.22' N		
P58	Spare	55° 05.40' N	001° 37.93' N		
P59	Spare	55° 05.65' N	001° 39.21' N		
P61	Spare	55° 05.90' N	001° 41.83' N		
P62	Spare	55° 05.91' N	001° 43.18' N		
P63	Spare	55° 05.93' N	001° 44.52' N		
P64	Spare	55° 05.94' N	001° 45.86' N		
P65	Spare	55° 05.95' N	001° 47.21' N		

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

- 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.

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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

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.

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Details of NtM published by DBOWF can also be found on the Kingfisher Bulletin interactive chart at:

[View all Notices \(kingfisherbulletin.org\)](http://kingfisherbulletin.org)

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1		Grand Canyon III	Cable Trenching Vessel	Helix	Helix Canyon Offshore (UK) Helix House Aberdeen, Kirkton Dr, Pitmedden Rd Dyce Aberdeen AB21 0BG Office +44(0)1224.351800	LACJ8 / 257010590 / 9695963	127.75m x 25.0m x 7.5m	06/05/2022	OFTO
2		NKT Victoria	Cable Laying vessel	NKT	NKT (U.K.)Ltd. Unit 6 Ashbrook Office Park Longstone Road Manchester M22 5LB +44 161 437 0750 info@nkt.com	LAWV7 / 257016000 / 9791016	140m x 30m x 7.2m	14/04/2023	OFTO

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7		Isle of Jura GB	Support Vessel	Caldive Ltd	Ross Smith - NKT Ross.smith@nkt.com Mob: 07999 030808 jura@sfastltd.co.uk +447713064672	MFFY6 / 232021966 / 9865697	33.2m x 14.5m	25.03.2023	OFTO
8		Duke of Normandy GB	Tug	NKT	Ross Smith - NKT Ross.smith@nkt.com Mob: 07999 030808 duke@ports.je	MHZS8 / 235026811 / 9348429	26m x 9m x 2.5m	25.03.2023	OFTO
9		Abeko Server 3 NL	Dredger Barge	NKT	Ross Smith - NKT Ross.smith@nkt.com Mob: 07999 030808 abekoserver3@abeko.nl	PHGA / 246532000 / 9252668	44m x 11.38m x 3.0m	25.03.2023	OFTO
10		Seafast Don GB	Survey Vessel	NKT	Ross Smith - NKT Ross.smith@nkt.com Mob: 07999 030808 don@sfastltd.co.uk	MMMD6 / 232044406	22m x 8m x 1m	25.03.2023	OFTO
11		Celtic Mara GB	Crew Transfer Vessel	NKT	Ross Smith - NKT Ross.smith@nkt.com Mob: 07999 030808 Vs I mob: 07464 014090	2GLP3 / 235098447	11m x 3.4m x 0.8m	15.04.2023	OFTO
12		GV Adventure GB	Export Cable GV	NKT	Marjon Ackerman NKT Guard Vessel Coordinator M: +31 6 51678418 E: marjon.ackerman@nkt.com Vs I Mob: +44 1803410203 gvadventure3@gmail.com	2IFE4/235109237 /7332452	24m x 6m x 3m	15.04.2023	OFTO
13		GV Devotion GB	Export Cable GV	NKT	Marjon Ackerman NKT Guard Vessel Coordinator M: +31 6 51678418 E: marjon.ackerman@nkt.com Vs I Mob: +44 14 8245 5873 gvdevotion@gmail.com	MRVQ7 / 235002330 / 8772829	22m x 7m x 4m	15.04.2023	OFTO

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14		GV Jacoba GB	Export Cable GV	NKT	Marjon Ackerman NKT Guard Vessel Coordinator M: +31 6 51678418 E: marjon.ackerman@nkt.com Vs I Mob: +44 14 7292 8301 gvjacoba@gmail.com	GCVA / 235002165 / 6810952	25m x 7m x 3.2m	17.04.2023	OFTO
15		GV Resolute GB	Export Cable GV	NKT	Marjon Ackerman NKT Guard Vessel Coordinator M: +31 6 51678418 E: marjon.ackerman@nkt.com Vs I Mob: +44 2841 180 003 gvRESOLUTE@gmail.com	MBND5 / 235069036 / 7008025	24m x 8m x 3.5m	17.04.2023	OFTO
16		GV Resolution GB	Export Cable GV	NKT	Marjon Ackerman NKT Guard Vessel Coordinator M: +31 6 51678418 E: marjon.ackerman@nkt.com Vs I Mob: +44 1947 660 301 gvresolution@gmail.com	MBCZ5 / 235002260 / 8214334	18m x 6m x 3.6m	17.04.2023	OFTO
17		GV Resplendent GB	Export Cable GV	NKT	Marjon Ackerman NKT Guard Vessel Coordinator M: +31 6 51678418 E: marjon.ackerman@nkt.com Vs I Mob: +44 14 8245 5873 gvresplendent@gmail.com	MJUJ2 / 235018597 / 8825341	25m x 6m x 3.2m	17.04.2023	OFTO
18		GV Diligent GB	Export Cable GV	NKT	Marjon Ackerman NKT Guard Vessel Coordinator M: +31 6 51678418 E: marjon.ackerman@nkt.com Vs I Mob: +44 28 4024 3001 gvdiligent@gmail.com	MJZK7 / 232009	25m x 6m x 3.3m	17.04.2023	OFTO