

DOGGER BANK D WIND FARM

Preliminary Environmental Information Report

Volume 2

Appendix 4.2 Crossing Schedule – Offshore

Document Reference No: 2.4.2

Date: June 2025

Revision: V1



www.doggerbankd.com

Document Title:	Volume 2, Appendix 4.2 Crossing Schedule – Offshore
Document BIM No.	PC6250-DBD-XX-OF-RP-EV-0037
Prepared By:	Royal HaskoningDHV
Prepared For:	Dogger Bank D Offshore Wind Farm

Revision No.	Date	Status / Reason for Issue	Author	Checked By	Approved By
V1	23/05/2025	Final Draft	HB	PT	GA

Table of Contents

4.3 Crossing Schedule – Offshore.....	5
List of Tables.....	8
List of Figures	8
Acronyms	8

Glossary

Term	Definition
Commitment	<p>Refers to any embedded mitigation and additional mitigation, enhancement or monitoring measures identified through the EIA process and those identified outside the EIA process such as through stakeholder engagement and design evolution.</p> <p>All commitments adopted by the Project are provided in the Commitments Register.</p>
Design	All of the decisions that shape a development throughout its design and pre-construction, construction / commissioning, operation and, where relevant, decommissioning phases.
Development Consent Order (DCO)	A consent required under Section 37 of the Planning Act 2008 to authorise the development of a Nationally Significant Infrastructure Project, which is granted by the relevant Secretary of State following an application to the Planning Inspectorate.
Embedded Mitigation	<p>Embedded mitigation includes:</p> <p>Measures that form an inherent part of the project design evolution such as modifications to the location or design of the development made during the pre-application phase (also known as primary (inherent) mitigation); and</p> <p>Measures that will occur regardless of the EIA process as they are imposed by other existing legislative requirements or are considered as standard or best practice to manage commonly occurring environmental impacts (also known as tertiary (inexorable) mitigation).</p> <p>All embedded mitigation measures adopted by the Project are provided in the Commitments Register.</p>
Environmental Impact Assessment (EIA)	A process by which certain planned projects must be assessed before a formal decision to proceed can be made. It involves the collection and consideration of environmental information and includes the publication of an Environmental Statement.
Environmental Statement (ES)	A document reporting the findings of the EIA which describes the measures proposed to mitigate any likely significant effects.
Landfall	The area on the coastline, south-east of Skipsea, at which the offshore export cables are brought ashore, connecting to the onshore export cables at the transition joint bay above Mean High Water Springs.
Mitigation	<p>Any action or process designed to avoid, prevent, reduce or, if possible, offset potentially significant adverse effects of a development.</p> <p>All mitigation measures adopted by the Project are provided in the Commitments Register.</p>
Offshore Development Area	The area in which all offshore infrastructure associated with the Project will be located, including any temporary works area during construction, which extends seaward of Mean High Water Springs. There is an overlap with the Onshore Development Area in the intertidal zone.

Term	Definition
Offshore Export Cable Corridor (ECC)	The area within which the offshore export cables will be located, extending from the DBD Array Area to Mean High Water Springs at the landfall.
Offshore Export Cables	Cables which bring electricity from the Offshore Platform(s) to the transition joint bay at landfall.
Preliminary Environmental Information Report (PEIR)	The PEIR provides a draft environmental assessment and information to support and inform the statutory consultation process in the pre-application phase. The PEIR will be updated to produce the Project's ES that will accompany the DCO application.
Project Design Envelope	<p>A range of design parameters defined where appropriate to enable the identification and assessment of likely significant effects arising from a project's worst-case scenario.</p> <p>The Project Design Envelope incorporates flexibility and addresses uncertainty in the DCO application and will be further refined during the EIA process.</p>
The Applicant	SSE Renewables and Equinor acting through 'Doggerbank Offshore Wind Farm Project 4 Projco Limited'.
The Project	Dogger Bank D (DBD) Offshore Wind Farm Project, also referred to as DBD in this PEIR.

4.3 Crossing Schedule – Offshore

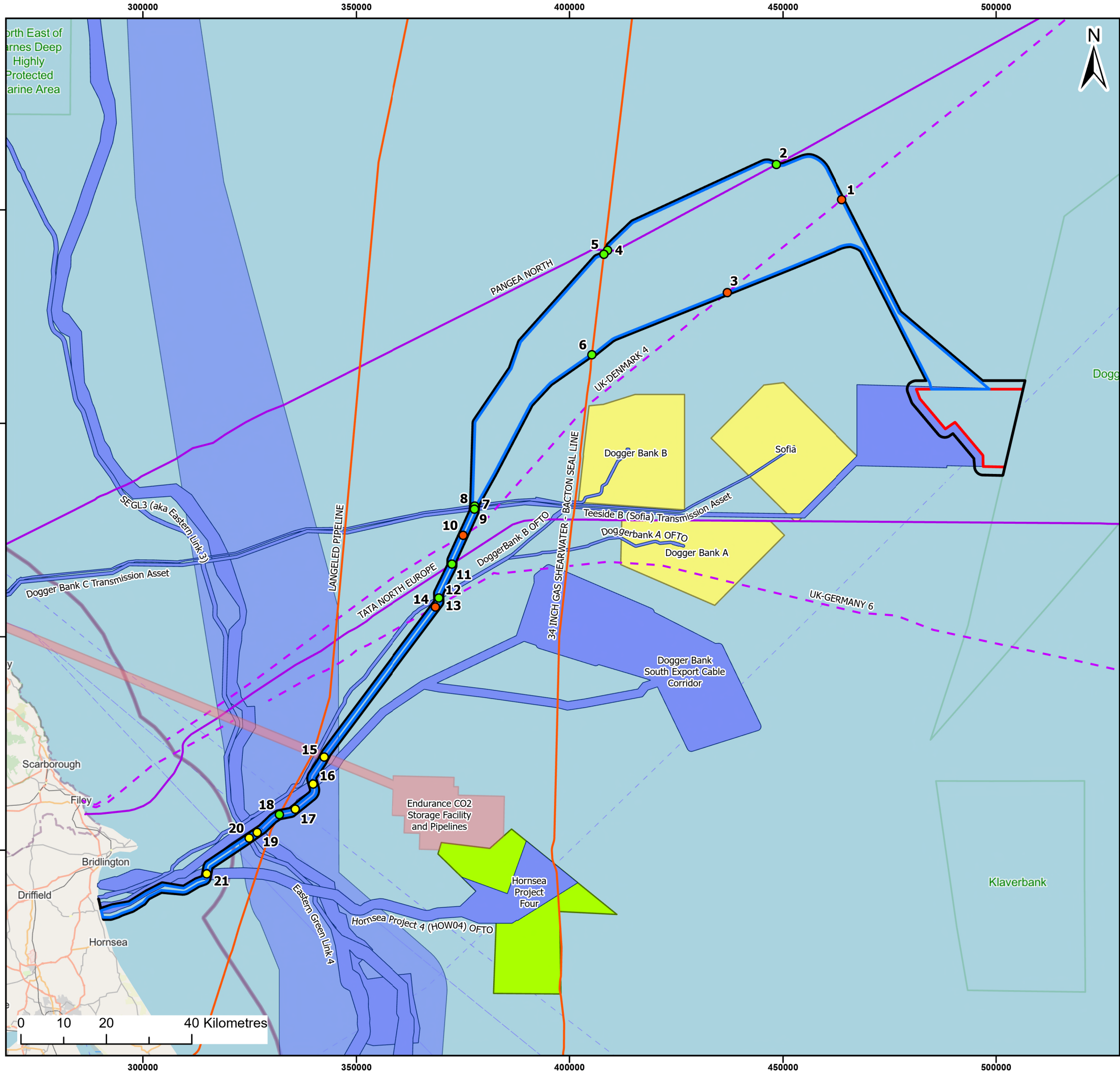
1. This appendix to the Dogger Bank D Offshore Wind Farm Project’s (herein referred to as ‘the Project’ or ‘DBD’) Preliminary Environmental Information Report (PEIR) provides a draft crossing schedule for the offshore export cable corridor (ECC) element of the Project and supports **Volume 1, Chapter 4 Project Description**. The offshore crossing schedule presented in **Table 4.2-1** identifies the location of crossings and details of the obstacle crossed for the offshore export cable installation works. The crossings are shown on **Figure 4.2-1**.
2. Obstacles in the offshore crossing schedule has been identified using publicly available datasets. There is potential for additional unknown obstacle crossings to be determined at detailed design stage post-consent, and the locations of known obstacle crossings listed in **Table 4.2-1** are approximate. This draft offshore crossing schedule lists all potential offshore ECC crossings to reflect the optionality retained in the Offshore Development Area at this stage whereby, post-PEIR following further site selection refinements, some of the crossings may be removed for the Development Consent Order (DCO) application submission.
3. The crossings form part of the Project Design Envelope for the offshore ECC, and their worst-case impacts are assessed in the relevant offshore and project-wide technical chapters (**Volume 1, Chapter 8 Marine Physical Processes** to **Volume 1, Chapter 18 Other Marine Users**).
4. The offshore crossing schedule will be updated post-PEIR for the DCO application submission based on refinements to the Offshore Development Area boundaries and the Project Design Envelope and in consideration of stakeholder feedback received during statutory consultation.

Table 4.2-1 PEIR Crossing Schedule – Offshore

Crossing ID	Approximate Coordinates		Obstacle Type	Asset Owner	Obstacle Description	Status
	Easting	Northing				
1	463474.5	6152115.5	Telecoms Cable	BT	UK-Denmark 4	Not in use
2	447854.8	6160334.3	Telecoms Cable	Alcatel Submarine Networks	Pangea North	Active
3	430208.7	6128422.6	Telecoms Cable	BT	UK-Denmark 4	Not in use
4	409485.8	6140504.9	Telecoms Cable	Alcatel Submarine Networks	Pangea North	Active
5	407992.1	6139091.8	Gas pipeline	TotalEnergies Upstream UK Ltd	34" Gas Shearwater - Bacton Seal Line	Active
6	405643.2	6116898.0	Gas pipeline	TotalEnergies Upstream UK Ltd	34" Gas Shearwater - Bacton Seal Line	Active
7	377801.5	6080619.7	Export Cable	RWE	Sofia North Export Cable Route (ECR)	Active
8	377811.3	6080520.1	Export Cable	RWE	Sofia South ECR	Active
9	377660.4	6079792.2	Export Cable	SSE / Equinor	DBC ECR	Active
10	375096.4	6073765.4	Telecoms Cable	BT	UK-Denmark 4	Not in use
11	372378.0	6066806.1	Telecoms Cable	Tata Communications	Tata North Europe	Active

APPENDIX 4.2 CROSSING SCHEDULE – OFFSHORE

Crossing ID	Approximate Coordinates		Obstacle Type	Asset Owner	Obstacle Description	Status
	Easting	Northing				
12	369323.7	6059158.3	Export Cable	SSE / Equinor	Dogger Bank B ECR	Active
13	369383.0	6058937.1	Export Cable	SSE / Equinor	Dogger Bank A ECR	Active
14	368311.7	6056709.2	Telecoms Cable	BT	UK-Germany 6	Not in use
15	342424.4	6021839.3	Pipelines / cables	Northern Endurance Partnership	CCS pipelines and cables (centre point of lease boundary)	Concept
16	339873.7	6015593.6	Export Cable	RWE	DBS (East and West) ECR	Concept
17	335604.8	6009595.9	Export Cable	SSE	Ossian ECR (very approximate location)	Concept
18	332072.4	6008306.8	Gas pipeline	Gassco AS	Langeled Pipeline	Active
19	317539.5	5997923.1	Export Cable	National Grid	Eastern Green Link 3: Peterhead to South Humber (EGL3) Interconnector	Concept
20	303890.7	5990966.8	Export Cable	National Grid	Eastern Green Link 4: SE Scotland to South Humber (EGL4) Interconnector	Concept
21	314873.7	5994020.6	Export Cable	Orsted	Hornsea 4 ECR (very approximate location)	Concept



Legend:

- Dogger Bank D Array Area
- Offshore Development Area
- Offshore Export Cable Corridor

Other Offshore Wind Farms

- Consented
- Under Construction

Offshore Crossing Status

- Active
- Concept
- Not in use

- Telecommunications Cable
- Telecommunications Cable - Out of Use
- Gas Pipeline
- Export Cable
- Pipeline/Cable

Source: © Haskoning UK Ltd, 2025; © The Crown Estate, 2024.
© North Sea Transmission Authority, 2024; © KIS-ORCA, 2022.
© OpenStreetMap (and) contributors, CC-BY-SA

Project:	DOGGER BANK WIND FARM
Dogger Bank D Offshore Wind Farm	

Title:	PEIR Crossing Schedule - Offshore
--------	-----------------------------------

Figure:	4.2-1	Drawing No:	PC6250-RHD-XX-OF-DR-GS-0610			
Revision:	Date:	Drawn:	Checked:	Size:	Scale:	
01	30/05/2025	GC	HB	A3	1:900,000	

Co-ordinate system: WGS 1984 UTM Zone 31N



List of Tables

Table 4.3-1 PEIR Crossing Schedule – Offshore	5
---	---

List of Figures

Figure 4.2-1 Crossing Schedule – Offshore	7
---	---

Acronyms

Term	Definition
CCS	Carbon Capture and Storage
DBD	Dogger Bank D
DCO	Development Consent Order
ECC	Export Cable Corridor
ECR	Export Cable Route
PEIR	Preliminary Environmental Impact Report