

# RWE Renewables UK Dogger Bank South (West) Limited RWE Renewables UK Dogger Bank South (East) Limited

# Dogger Bank South Offshore Wind Farms

**Environmental Statement** 

Volume 7

Appendix 6-2 Offshore Cumulative Effects Assessment Methodology

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# **RWE**

# Dogger Bank South Offshore Wind Farms

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# Glossary

Term	Definition
Cumulative Effects	The combined effect of the Projects in combination with the effects of a number of different (defined cumulative) schemes, on the same single receptor / resource.
Cumulative Effects Assessment (CEA)	The assessment of the combined effect of the Projects in combination with the effects of a number of different (defined cumulative) schemes, on the same single receptor/resource.
Cumulative impact	The combined impact of the Projects in combination with the effects of a number of different (defined cumulative) schemes, on the same single receptor / resource.
Development Consent Order (DCO)	An order made under the Planning Act 2008 granting development consent for one or more Nationally Significant Infrastructure Project (NSIP).
Environmental Impact Assessment (EIA)	A statutory 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, which fulfils the assessment requirements of the EIA Directive and EIA Regulations, including the publication of an Environmental Statement (ES).
Landfall Zone	The generic term applied to the entire landfall area between Mean Low Water Spring (MLWS) and the Transition Joint Bays (TJBs) inclusive of all construction works, including the landfall compounds, Onshore Export Cable Corridor and intertidal working area including the Offshore Export Cables.
Offshore Development Area	The Offshore Development Area for ES encompasses both the DBS East and West Array Areas, the Inter-Platform Cable Corridor, the Offshore Export Cable Corridor, plus the associated Construction Buffer Zones.
Order Limits	The limits within which the Projects may be carried.

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Term	Definition
Projects Design (or Rochdale) Envelope	A concept that ensures the EIA is based on assessing the realistic worst-case scenario where flexibility or a range of options is sought as part of the consent application.
The Projects	DBS East and DBS West (collectively referred to as the Dogger Bank South Offshore Wind Farms).



# **Acronyms**

Term	Definition
AN17	Advice Note 17
CEA	Cumulative Effects Assessment
DBS	Dogger Bank South
DCO	Development Consent Order
DESNZ	Department of Energy Security and Net Zero
ECC	Export Cable Corridor
EIA	Environmental Impact Assessment
ERYC	East Riding of Yorkshire Council
ES	Environmental Statement
MHWS	Mean High Water Springs
NPS	National Policy Statements
NSIP	Nationally Significant Infrastructure Project
PEIR	Preliminary Environmental Information Report
PINS	The Planning Inspectorate
SoS	Secretary of State
Zol	Zone of Influence



#### 1 Introduction

- 1. A fundamental requirement of undertaking the Cumulative Effects Assessment (CEA) is to identify those projects, plans and activities (hereafter referred to as 'schemes') with which Dogger Bank South (DBS) East and DBS West offshore wind farms, collectively known as DBS offshore wind farms (herein 'the Projects') may interact to produce a cumulative effect. These interactions may grise within the construction, operation and maintenance phases. The objective of this Appendix is to provide details on the methodology for the Projects offshore CEA, the justification for the approach taken regarding cumulative impacts, and to detail the long list of schemes that have been considered within the offshore CEA. The approach for cumulative impacts is based upon the Planning Inspectorate (PINS) Advice Note Seventeen: Cumulative Effects Assessment (PINS, 2019). The approach to the CEA is intended to be specific to the Projects and takes into account the available knowledge of the environment and other and other activities around the Offshore Development Area. Due to the anticipated lifetime of the Projects (anticipated to be 30 years), it is not possible to undertake a meaningful assessment of potential Cumulative Effects for the decommissioning phase at this time, which is in line with common practice for Nationally Significant Infrastructure Projects (NSIPs).
- 2. The Environmental Statement addresses the Cumulative Effects for both the onshore and offshore elements of the Projects. This Appendix details the methodology for the offshore CEA only. The methodology for the onshore CEA is detailed in **Volume 7**, **Appendix 6-1**, **Onshore Cumulative Effects Assessment Methodology (application ref: 7.6.6.1)**.

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# 2 Policy and Legislative Context

- The Planning Act 2008 underpins the consenting regime for certain types of development classed as NSIPs. The Secretary of State (SoS) for the department of Energy Security and Net Zero (DESNZ) has confirmed that the Projects will require development consent under the Planning Act. The Infrastructure Planning (Environmental Impact Assessment) Regulations (2017) implemented the requirements of the Environmental Impact Assessment (EIA) Directive (Directive 2014/52/EU) into UK law in relation to DCO applications.
- 4. The overarching National Policy Statement (NPS) for Energy (EN-1) and the NPS for Renewable Energy Infrastructure (EN-3) both identify the requirement to address the maximum potential adverse impacts. Matters considered to affect the maximum adverse impact are topic impacts, interrelationships between topics, and cumulative impacts. The maximum adverse scenario, or envelope, is termed the Design (or 'Rochdale') Envelope.
- 5. The Planning Inspectorate has produced 'Advice Note Nine: Rochdale Envelope' (2018) setting out the views of the Planning Inspectorate regarding how this approach should be used in the context of the Planning Act 2008. The well understood concept of the Rochdale Envelope approach involves ensuring that any EIA is based on assessing the realistic worst-case scenario where flexibility, or a range of options is sought as part of the consent application. This guidance reinforces that in order to ensure a robust application of the Rochdale Envelope principle to the EIA process, this principle must also be applied to cumulative as well as individual effects.
- 6. The Planning Inspectorate have produced 'Advice Note Seventeen: Cumulative Effects Assessment' (PINS, 2019), which provides guidance on a staged process that can be used for Cumulative Effects Assessments for NSIPs. Advice Note Seventeen (AN17) details a four-step process that can be followed by developers, and which has been applied here.

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#### **3** Consultation

- 8. As part of the Environmental Statement (ES) for the Projects, consultation in relation to Cumulative Effects has been undertaken with various statutory and non-statutory authorities and stakeholders as part of the evidence plan process. A record of the key areas of consultation is provided within **Volume**7, Chapter 7 Consultation (application ref: 7.7). Consultation to date is also summarised in the topic-specific ES chapters.
- 9. A summary of responses from the Planning Inspectorate relevant to the CEA from the Scoping Opinion (PINS, 2018) are provided **Table 6-2-1**.

Table 6-2-1 Planning Inspectorate Scoping Comments Relating to the CEA for Offshore Topics (September 2022)

Planning Inspectorate Reference ID	Comment	Response to Issue Raised and/or Where Considered in this Appendix
2.4.1	The ES should clearly explain which other developments will be assumed to be under construction or operational as part of the assessment of the future baseline, with and without the Projects.	Each ES chapter identifies the potential future baseline. The CEA identifies those projects that may be under construction or operation at the same time as the Projects.



Planning Inspectorate Reference ID	Comment	Response to Issue Raised and/or Where Considered in this Appendix
<u>2.4.2</u>	Cumulative Impact Assessment (CIA) It is noted that Paragraph 126 states 'Only projects which are reasonably well defined and sufficiently advanced to provide information on which to base a meaningful and robust assessment will be included in the CIAWhere possible RWE Renewables will use as-built project parameter information (if available) as opposed to consented parameters to reduce over-precaution (inaccuracies) in the cumulative assessment'.  The Inspectorate advises that where projects are not fully defined, the worst-case scenario available should be used in the assessment. The parameters applied in relation to existing projects should also represent the worst-case, taking into account the circumstances around what is legally secured for those projects. The level of precaution associated with the outcomes of the cumulative assessment should be explained in the ES. The Inspectorate does not agree that a high degree of precaution is equitable to inaccuracies in an assessment.  In general, the description of the approach to the cumulative impact assessment within each aspect chapter of the Scoping Report is very limited. The Inspectorate expects the ES to specifically identify how impacts could combine and to provide an assessment of their significance, in accordance with the advice in the Inspectorate's National Infrastructure Advice Note 17.	Annex A, of this appendix, contains the long list of projects which have been formulated based on the worst-case scenario available for the projects listed where limited public information is available.  The ES identifies how impacts could combine and assesses their significance.  This appendix sets out the approach to the CEA with the long list of schemes presented in Annex A. Topic-specific assessments are included in the relevant ES chapters (see Volume 7, Chapters 8 to 30 (application ref: 7.8 to 7.30)).



# 4 Definitions of Cumulative Effects for Dogger Bank South

- 10. For the purposes of the Projects' CEA process, Cumulative Effects are defined as effects upon certain receptors / resources from the Projects when considered alongside other proposed schemes and any other reasonably foreseeable schemes and activities. This includes all schemes that result in a comparative or ongoing effect.
- 11. In-combination effects are defined as the combined effect of the Projects, with the effects from a number of different schemes, on the integrity of European Sites designated for their nature conservation value. Incombination effects are presented within Volume 6, Report to Inform the Appropriate Assessment (RIAA) (application ref: 6.1). Cumulative Effects therefore apply in the EIA, whilst in-combination effects apply to the RIAA in Habitat Regulation Assessment terms but are also reported in the ES.
- 12. These definitions are consistent with the definition provided by the Planning Inspectorate in AN17 and have been applied consistently throughout the ES.



# 5 Approach to Cumulative Effects assessment

#### 5.1 Overview

13. In the past, there has been a lack of guidance for CEA, and historical projects have consequently tended to adopt different methods for assessment. The Planning Inspectorate produced Advice Note Seventeen: Cumulative Effect Assessment, to provide guidance on a staged process that can be used for CEAs for NSIPs (summarised in **Table 6-2-2**). In addition to AN17, the approach to cumulative assessment for the Projects has also taken into account the Cumulative Impacts Assessment Guidelines issued by RenewableUK and the Planning Inspectorate Advice Note Nine: Rochdale Envelope.

Table 6-2-2 Stages and Activities Involved in the CEA Process (Taken from the Planning Inspectorate AN17)

CEA Stage	Activity
Stage 1 - Establish a long-list of other developments and the project's Zone of Influence (Zol)	The Projects undertake a desk study to identify the Zol for the development for the topics that are proposed to be scoped into the EIA. The Zol analysis is documented (i.e. table of topics and Zol), with supporting GIS.
	The long list of other schemes is drawn up through a desk study of planning applications, development plan documents, relevant development frameworks and any other available sources such as through the EPP and ETG process, to identify 'other developments' within the Zol.
	Information on each project (development type, when occurring, etc.) is documented, along with the certainty or tier assigned to the 'other development' (i.e. confidence it will take place in the current form and when it will take place in relation to the project).
	AN17 notes that the project should then consult with the relevant planning authority/authorities and statutory consultees regarding the long list.
	These processes have identified 426 potential projects which form the 'long-list' based on the criteria <b>Table 6-2-4</b> . In order to attribute an element of certainty to the CEA each project has been assigned a Tier reflecting their current status within the planning and development process. This approach allows appropriate weight to be given to each scenario (tier) when considering the



CEA Stage	Activity
	potential cumulative impact. The proposed tier structure is intended to ensure that there is a clear understanding of the level of confidence in the cumulative assessments provided in the ES. An explanation of each tier is included in <b>Table 6-2-3</b> .  The full list of projects and relevant tiers assigned can be found in <b>Annex A</b> .
Stage 2 – Identify a shortlist of other developments for the CEA (Screening of the long list)	The Planning Inspectorate have provided inclusion/exclusion threshold criteria, against which the potential for 'other development to give rise to significant Cumulative Effects by virtue of overlaps in temporal scope, the scale and nature of the 'other developments' and/or receiving environment, or any other relevant factors is assessed. From this assessment, a shortlist of 'other developments' to be included in the CEA is produced. It is noted that documented information on each of the 'other development' is likely to be high level at this stage, outlining the key issues to take forward.
	Following on from the Stage 1 long-list a consideration of effect-receptor pathways, data confidence and temporal and spatial scales has allowed the selection of the relevant projects for a topic-specific cumulative short-list which is presented within each of the topic-specific offshore ES Chapters.
	Predicted Cumulative Effects predominantly relate to direct effects, however a topic-specific buffer ( <b>Table 6-2-5</b> ) around the the Projects Offshore Development Area was selected to ensure that the indirect impacts on each specific topic were also appropriately included. It is considered unlikely that significant effects greater than this distance would occur given the impacts under assessment.



CEA Stage	Activity
Stage 3 - Information gathering	All available information on the 'other developments' within the shortlist generated at Stage 2 is collated to inform the CEA.
	At this stage (i.e. ES), information is high level unless explicitly discussed with the relevant licensing authority (e.g. MMO). The information collected on each development is presented in <b>Annex A</b> .
Stage 4 - Assessment	The project reviews each of the 'other developments' in turn to assess whether Cumulative Effects may arise, which in turn produces topic-specific shortlists (for the topic-specific CEA study area) that are referred to and considered within each technical offshore chapter in (see Volume 7, Chapters 8 to 17 (application ref: 7.8 to 7.17)). This should also include, where relevant, consideration of any mitigation measures where significant adverse Cumulative Effects are identified and should clearly signpost to the relevant means of securing mitigation (e.g. DCO requirements and associated mitigation plans).
	While not to be used as a means to shift the burden of mitigation, it may be appropriate to ascertain the contribution of each development to the effect (done via professional judgement). However, it may be useful during the consultation with other developers to identify means to jointly address mitigation of significant adverse Cumulative Effects and the means to ensure delivery.
	The CEA has been undertaken in two phases, where:
	<ul> <li>Phase one is where each of the potential effects that are subject to assessment alone have been reviewed against the potential for Cumulative Effects to occur; and</li> </ul>
	<ul> <li>Phase two is where a CEA assessment of each of the other developments on the shortlist has taken place for those effects where it is considered that potential Cumulative Effects could occur.</li> </ul>



CEA Stage	Activity
	The CEA also includes, where relevant, consideration of any mitigation measures where adverse Cumulative Effects are identified and signposts to the relevant means of securing mitigation.

- 14. The following sections sets out the Projects approach to completing Stages 1 to 3, incorporating development of the long list, tiering of projects and development of the topic-specific short lists. These short lists have been considered in detail in each of the topic-specific offshore ES chapters as part of the cumulative assessment process (Stage 4).
- 5.2 Stage 1 Establish the ZoIs and Identify Long List of 'Other Development'
- 5.2.1 Approach to the Long List
- 15. Under the first stage of the offshore CEA, a long-list of relevant schemes occurring within a study area surrounding the Projects has been developed.
- 16. CEA is undertaken for each technical topic, for those impacts that have the potential for Cumulative Effects. The technical chapters considered in the CEA are listed in **Table 6-2-5**. The Zone of Influence (ZoI) of impacts is established in each chapter and used to establish CEA screening ranges, as provided in **Table 6-2-5**. It is noted that the ZoI ranges differ significantly between chapters, as does the type of plan or project that could contribute to a cumulative effect. The screening ranges are the basis of the long list for offshore projects, shown in **Annex A** of this document.
- 17. Due to the size of the study area and range of activities that can result in Cumulative Effects, additional schemes have been screened in for **Volume**7, Chapter 11 Marine Mammals (application ref: 7.11) and are detailed in Volume 7 Appendix 11-5 Marine Mammal Cumulative Effects
  Assessment Screening (application ref: 7.11.11.5).
- 18. The list of schemes was established using a number of sources, such as:
  - Geographic data (for example the for the identification of existing offshore windfarms, oil and gas infrastructure, disposal sites, aggregate areas);
  - UK Hydrographic Office (UKHO) data;
  - The PINS website (inducing searches for projects in the planning system for the Dogger Bank region and wider North Sea);

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- Offshore Petroleum Regulator for Environment and Decommissioning (OPRED) website; and
- Individual project websites.

### 5.2.2 Tiered Approach

- 19. In assessing the potential for Cumulative Effects from the Projects, it is important to consider that schemes, predominantly those 'proposed', may or may not be taken forward for development. Therefore, there is a need to build in some consideration of certainty (or uncertainty) with respect to the potential impacts which might arise from such proposals, in line with the approach set out by the Planning Inspectorate in AN17. For example, projects which are already under construction are more likely to contribute to Cumulative Effects than those whose development applications that are not yet submitted. It is also important to consider overlapping future construction periods given the long construction period of the Projects. Overlapping operational phases of other schemes and the Projects are also considered, for example in regards to offshore windfarm cumulative operational effects.
- 20. For these reasons, all of the relevant long list schemes have been allocated into 'tiers', reflecting their current status within the planning and development process. This allows the cumulative impact assessment to present several scenarios if required, reflecting the varying levels of certainty of an activity proceeding and therefore the potential for impacts to arise that might act cumulatively with the impacts arising from the Projects. Appropriate weight may therefore be given to each scenario (tier) in the decision-making process when considering the potential cumulative impacts associated with the Projects. For example, it may be considered that greater weight be attributed to tier 1 than tier 2.
- 21. In accordance with the Phase III Best Practice by Natural England and DEFRA (Parker *et al.*, 2022) Guidance the tiering structure is described in **Table 6-2-3**. The tiers are listed in descending order of level of detail likely to be available (and certainty of effects arising).

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Table 6-2-3 Description of Tiers of Other Developments Considered for CEA (Parker et al., 2022)

Tions	Development Stores
Tiers	Development Stage
Tier 1	Built and operational schemes should be included within the cumulative assessment where they have not been included within the environmental characterisation survey, i.e. they were not operational when baseline surveys were undertaken, and / or any residual impact may not have yet fed through to and been captured in estimates of "baseline" conditions, such as "background" distribution or mortality rate for birds.*
Tier 2	Tier 1 + schemes under construction.
Tier 3	Tier 2 + schemes that have been consented (but construction has not yet commenced).
Tier 4	Tier 3 + schemes that have an application submitted to the appropriate regulatory body that have not yet been determined.
Tier 5	Tier 4 + schemes that have produced a PEIR and have characterisation data within the public domain.
Tier 6	Tier 5 + schemes that the regulatory body are expecting an application to be submitted for determination (e.g., projects listed under the Planning Inspectorate programme of projects).
Tier 7	Tier 6 + schemes that have been identified in relevant strategic plans or programmes.

<sup>\*</sup>Or if there are ongoing impacts that are greater than predicted where there is no evidence that the impacts will dissipate over the lifetime of the Project, e.g., displacement

22. The tiering allocated to each of the long-list schemes is indicated as part of the long-list presented in **Annex A**.



## 5.3 Stage 2 - Screening of Long List (Interactions)

23. Having developed the Projects long list, all schemes have been screened based on the level of detailed information available and the potential interaction with the Projects, whether this interaction be temporal and / or spatial and where a potential pathway exists. This screening has produced EIA topic-specific short-lists of projects to be considered further within the CEA as part of each EIA topic chapter. It should be noted that this process may have screened a project in for one EIA topic but screened it out for another. The individual short-lists are presented in each technical topic chapter of the ES (Volume 7, Chapters 8 to 30 (application ref: 7.8 to 7.30)). The screening process has applied the criteria presented in Table 6-2-4.



Table 6-2-4 CEA Long List Screening Criteria

Sche	me Screened-in	Scheme Screened-out	
•	Scheme is considered as part of the baseline environment but has ongoing effects;	<ul> <li>Scheme included as part of the baseline environment (therefore not a consideration in the CEA);</li> </ul>	а
•	Potential for an impact-receptor pathway to exist;	<ul> <li>Low data confidence (meaningful assessment cannot be undertaken);</li> </ul>	
•	Potential for a spatial effect interaction to exist; and/or	<ul> <li>No potential impact-receptor pathway exists;</li> </ul>	
•	Potential for temporal effect interaction exists.	<ul> <li>No potential for a spatial effect interaction; and/or</li> </ul>	
		<ul> <li>No potential for a temporal effect interaction.</li> </ul>	

- 24. During the screening process, the steps above have been followed in the defined order to allow a clear justification for screening projects in / out. Definitions of relevance to **Table 6-2-4** comprise:
  - Spatial effect interaction: The impacts on a receptor from the Projects and one or more other schemes have a geographical overlap. For example, noise from construction operations at the Projects could overlap with those of another offshore construction project, if it is sufficiently close to the Projects. If there is no spatial interaction, there is no potential for a cumulative effect.
  - Temporal effect interaction: The impacts from the Projects and one or more other schemes have the potential to occur at the same time. If there is no temporal interaction, there is no potential for a cumulative effect.
  - Potential impact-receptor pathway: There is the potential that a
    pathway exists whereby an impact could have an effect on a receptor.
    For example, construction sediment plumes could have an impact on
    water receptors, but noise could not have an effect on geology and
    ground condition receptors.



25. Only where there is the potential for both spatial and temporal interaction between effects from the Projects and one or more other schemes, has a cumulative impact been taken forward for consideration in the CEA. The screening of the longlist will identify those projects screened in or out for further consideration on the basis of one or more of the preceding criteria into a topic-specific shortlist. The shortlist identifies all the schemes that have the potential to give rise to Cumulative Effects when considered alongside the worst-case potential impacts arising from the Projects but does not identify the differences in impact ranges for different environmental receptors.

# 5.4 Stage 2 – Topic-Specific Screening of Long List (Impact Ranges)

26. The screened long list identifies all of the other schemes that might give rise to Cumulative Effects when considered alongside the potential impacts arising from the Projects but does not identify the differences in impact ranges for different environmental receptors. In order to focus the topic-specific CEAs presented in the ES chapters, the screened long list was subject to further topic-specific screening to identify those relevant schemes within the Zols of the Projects for each topic. The topic-specific screening distances used to refine the screened long list into topic-specific short lists are provided in **Table 6-2-5**.

Table 6-2-5 Topic-Specific Screening Ranges. Applied to the Long-List, Specific to Each EIA Receptor Topic

EIA Topic	Maximum Extent of Effect
Marine Physical Environment	14km – based on the 14km ZoI tidal excursion and potential for overlap with the tidal excursion from other
Benthic and Intertidal Ecology	projects
Fish and Shellfish Ecology	International Council for the Exploration of the Sea (ICES) rectangles 37F1, 37F2, 38F1 and 38F2 for the Array Areas, and ICS rectangles 36E9, 37E9, 37F0, 37F1, 38F0 and 38F1 for the Offshore Export Cable Corridor. ICES Rectangle 36F0 is also included within the Fish and study area due to its proximity to the Offshore Export Cable Corridor.
Marine Mammals	Based on the management unit of the reference populations

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EIA Topic	Maximum Extent of Effect
Offshore Ornithology	Focused on offshore windfarms in the ZoI which is defined as the area within a receptor's mean-max foraging range.
Commercial Fisheries	ICES rectangles 36E9, 36F0, 37E9, 37F0, 37F1, 37F2, 38F0, 38F1 and 38F2.
Shipping and Navigation	50 nautical miles from the Offshore Development Area.
Aviation and Radar	Projects that could impact radar receptors out to 100km (maximum range at which radar Cumulative Effects are considered to occur)
Other Marine Users	50km – encompassing the ZoI and likely interactions over the region
Offshore Archaeology and Cultural Heritage	The Projects Offshore Development Area.

These topic-specific ranges have been applied to the long-list presented in **Annex A** to identify relevant short-list schemes to be taken forward to the topic-specific CEA presented in each ES chapter (summary short list tables are presented in each of the offshore ES topic chapters (see **Volume 7**, **Chapters 8** to **17** (application ref: **7.8** to **7.17**)).

# 5.5 Stage 3 (Information Gathering) and Stage 4 (Assessment)

- 28. Following on from the production of the topic-specific short lists, EIA topics authors have undertaken an information gathering exercise in relation to all schemes that have been screened in for each particular topic. This information gathering has then been used to inform the CEA assessments that are presented within each EIA topic chapter.
- 29. The CEA assessments are provided in each of the topic chapters in **Volume 7, Chapters 8** to **30 (application ref: 7.8** to **7.30)** of the ES and utilise topic-specific criteria and rationales for individual assessments which are not repeated here.

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30. In terms of the scope of impacts that have been assessed within the CEA, these were the same impacts assessed for the Projects alone in the main EIA assessments. Any effect that has been concluded to be of **negligible** significance (in EIA terms) for the Projects alone, would make no material contribution to any potential cumulative effect, and was therefore scoped out of the CEA. Effects of greater than negligible significance for the Projects alone have been considered cumulatively.



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# **Annex A**

Offshore Cumulative Effects Long-List of Schemes

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In Planning / Consented / Pre-construction Construction Active / Operation & Maintenance Decommisioning Screened out of assessment Screened in to assessment

Table A1 Offshore Cumulative Effects Long	g-List of Schemes - Aggregates	s & Disposal																	
						note	s the	offs	eriod (r hore co the Pro	onstru	ction	Closest distance from	Closest distance	ironment al Ecoloav	di Everego	; }	ation		ther Users:
Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier	2025	2026	2028	2029	2031	2032	the DBS Offshore Export Cable Corridor + 500m Construction Buffer Zone (km)	from the DSB Array Areas + 1km Construction Buffer Zone	Marine Physical Environment Benthic and Intertidal Ecology	Fish and Shellfish Ec	Offshore Ornitholog	Commercial Fisherie Shipping and Navig	Aviation and Radar	Infrstructure and Other Use Offshore Archeology
Agregate dredging area A (.8326)	Oceanwise	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Dredging Area	Closed	N/A							45	115						
Agregate dredging area B (.13669)	Oceanwise	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Dredging Area	Open	1							48	115						
Bridington Bay A	Cefas	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open	1							8	110						
Bridlington Bay B	Cefas	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed	N/A							6	113						
Dogger Bank A	Cefas	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open	1	┸					┙	20	8						
Dogger Bank B	Cefas	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open	1	1					_	20	17						
Dogger Bank Teeside B	Cefas	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed	N/A							49	35			Ш			
Hornsea Disposal Site Subzone 2	Cefas	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed	N/A	_						48	40						
Hornsea Project One Subzone 1	Cefas	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed	N/A	1						54	44						
Humber 1	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Aggregate Extraction Area operated by CEMEX UK Marine Ltd	Open	1							49	124						
Humber 2	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Aggregate Extraction Area operated by CEMEX UK Marine Ltd	Open	1	ı						48	121						
Humber Gateway OWF	Cefas	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed	N/A							44	124						
Scalby	Cefas	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed	N/A							38	117						
Scarborough	Cefas	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed	N/A							39	117						
Scarbourgh Rock	Cefas	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open	1							33	116						
Westermost Rough OWF	Cefas	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed	N/A							24	112						



In Planning / Consented / Pre-construction Construction Active / Operation & Maintenance Decommisioning Screened out of assessment Screened in to assessment

Table A2 Offshore Cumulative Effects Long-List of Schemes	- Offshore Energy														journel in to assessme		_			_		
							deno	struct tes the perio	e off:	shore	cons	tructi		Closest distance from	Closest distance	onment	Ecology	ogy		ioi	ar Users	
Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier		2025	2026	2027	2029	2030	2031	2031-2050	the DBS Offshore Export Cable Corridor + 500m Construction Buffer Zone (km)	from the DSB Array Areas + 1km Construction Buffer Zone	Marine Physical Environr	Benthic and Intertidal E	Fish and Shellfish Eco Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar Infrstructure and Oth	Offshore Archeology
Beatrice	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1	,,				Т	Ì			466	466							
Berwick Bank	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	In planning	4							T		229	229							
Blyth Demonstration Project	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1			Т	T	Т		T	Т	145	174							
Dogger Bank A	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Under Construction	2									20	8							
Dogger Bank B	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Under Construction	2									20	17							
Dogger Bank C	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Under Construction	3				T					73	56							
Dogger Bank D	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	In planning	6									11	68							
Dudgeon	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1									115	122							
East Anglia ONE	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1							T		244	230							
East Anglia One North	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Consented	3									230	216							
East Anglia Three	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Pre-construction	3			П	Т	П		Т	Г	203	188							
East Anglia Two	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Consented	3									237	228							
European Offshore Wind Deployment Centre	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1							T		346	346							
Five Estuaries	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	In planning	5							T	Г	267	263							
ForthWind Offshore Wind Demonstration Project - phase 1	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Consented	3				Т	Т		Т		301	318							
Galloper	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1			П	Т	Т		Т	Г	262	263					П		
Greater Gabbard	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1			П	Т	Т		Т	Г	262	265							
Gunfleet Sands	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1									265	294							
Hornsea Project One	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1									54	44							
Hornsea Project Four	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Consented	3									30	41							
Hornsea Project Three	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Under Construction	3							T	Г	62	45							
Hornsea Project Two	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1									48	41							
Humber Gateway	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1									44	120							
Hywind	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1									350	349							
Inch Cape	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Pre-construction	3									288	288							
Kentish Flats	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1									291	326							
Kentish Flats Extension	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1									291	327							1/



							enot	es the	offsh	riod (re nore co he Proj	struc		Closest distance from	Closest distance	nment	ogy .		-		rUsers
Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier	2024	2025	2026	2028	2029	2031	2032	the DBS Offshore Export Cable Corridor + 500m Construction Buffer Zone (km)	from the DSB Array Areas + 1km Construction		Shellfish Ecol	Offshore Ornithology	Commercial Fisheries Shipping and Navigation	Aviation and Radar	Infrstructure and Other Us Offshore Archeology
Kincardine	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1		Ī	T			П		321	321						
Lines	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1		T	T	T		П	T	92	154	T					
London Array	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1				T		П	Т	277	297					П	
Lynn and Inner Dowsing (LID)	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1				T			Т	101	164						
Methil	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1							T	302	320						
Moray East	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1							T	451	450						
Moray West	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Under Construction	2				T			Т	456	456						
Neart na Gaoithe	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Under Construction	2				T			Т	273	277						
Norfolk Boreas	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Consented	3								163	143						
Norfolk Vanguard	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Consented	3				П			Т	168	153						
North Falls	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	In planning	5							Т	258	262						
Outer Dowsing	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Pre-planning Application	4							Т	79	81						
Race Bank	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1							Т	92	134						
Rampion	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1							Т	364	431						
Rampion 2	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	In planning	4						П	Т	366	437						
Scroby Sands	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1							Т	191	189						
Seagreen	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1							Т	270	270						
Seagreen 1A	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Consented	3						П	Т	269	269						
Sheringham and Dudgeon Extension Projects	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	In planning	4								106	116						
Sheringham Shoal	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1							Т	118	143						
Sofia	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Under Construction	2						П	Т	49	35						
Teesside	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1								91	155						
Thanet	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1			T					305	323						
Triton Knoll	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1								72	114						
Westermost Rough	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active	1								24	112						

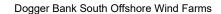






Table A3 Offshore Cumulative Effects Long-List of Schemes - Carbon Capture Usage and Storage

,							notes	uction the o	ffsh	ore c	onstr	uctio	on	Closest distance from	Closest distance	onment	Ecology		ion	100	er Users	
Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier	2024	2026	2027	2028	2029	2030	2032	2050	the DBS Offshore Export Cable Corridor + 500m Construction Buffer Zone (km)	from the DSB Array Areas + 1km Construction Buffer Zone	ne Physical	Benthic and Intertidal Fish and Shellfish Eco	Offshore Ornithology	Shipping and Naviage	and Rac	Infrstructure and Oth	Offshore Archeology
CCS North Sea Leasing Round SNS Area 1 - Licence CSO20	The Crown Estate	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture Usage and Storage Area for Lease	In planning	7		Γ							0	0							
CCS North Sea Leasing Round SNS Area 1 - Licence CS025	The Crown Estate	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture Usage and Storage Area for Lease	In planning	7		l							0	0				ı			
CCS North Sea Leasing Round SNS Area 3 - Licence CSO28	The Crown Estate	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture Usage and Storage Area for Lease	In planning	7		T							0	92							
CCS North Sea Leasing Round SNS Area 5	The Crown Estate	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture Usage and Storage Area for Lease	In planning	7		Т							46	26							
CCS North Sea Leasing Round SNS Area 6	The Crown Estate	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture Usage and Storage Area for Lease	In planning	7									35	69							
CCS North Sea Leasing Round SNS Area 7	The Crown Estate	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture Usage and Storage Area for Lease	In planning	7									30	8							
Northern Endurance	The Crown Estate	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture Usage and Storage Area for Lease	In planning	4		Г				Г			12	37							



In Planning / Consented / Pre-construction Construction Active / Operation & Maintenance Decommisioning Screened out of assessment Screened in to assessment

Table A4 Offshore Cumulative Effects Long-List of Schemes - Cables and Pipeline	25																	
							otes t	he of	Period fshore or the Pr	ons	truction	Closest distance from the DBS Offshore	Closest distance	ronment	ology	» »	rtion	her Users
Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier	2024	1026	1027	1028	1030	2032	Export Cable Corridor + 500m Construction Buffer Zone (km)	Array Areas + 1km Construction Buffer Zone	Marine Physical Envir	nd Shellfish I	Offshore Ornithology Commercial Fisheries	ing and	ructure ore Arc
12IN PRODUCTION KELVIN TO MURDOCH	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A							43	20					
20INCH GAS Pipeline FROM THE BREAGH Platform TO SHORE - PART 1	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1							30	59					
34 INCH GAS SHEARWATER - BACTON SEAL LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1							0	0					
3IN KELVIN METHANOL	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A							43	20					
3INCH MONOETHYLENE GLYCOL Pipeline FROM SHORE TO BREAGH Platform - PART 1	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1						Ш	30	59					
AMETHYST A2D TO EASINGTON 30IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A							41	110					
Aminth Energy Interconnector	N/A	Low -Minimal third party project details published in the public domain but not confirmed as being 'accurate'	Interconector	In Planning	7						Ш	Not Available	Not Available					
APOLLO TO MINERVA 8IN PRODUCTION Pipeline (PL2)	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		Ш		Ш	4	Ш	30	85					
BOULTON H HM TO MURDOCH MD 10IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1							43	20					
BOULTON H HM TO MURDOCH MD 3IN MEOH LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A				Ш		Ш	43	20		Ш			
BOULTON H HM TO WATT QM Umbilical (UM4)	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A				Ш			44	24		Ш			
CAVENDISH EXPORT Pipeline	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A				Ш		$\perp \downarrow$	1	0		Ш		Ш	
CAVENDISH METHANOL SUPPLY LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A				Ш			1	0		Ш		Ш	
CERES TO MERCURY TIE-IN SKID 6IN PRODUCTION Pipeline	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A				Ш			40	97		Ш			
CLEETON CP TO DIMLINGTON 36IN GAS EXPORT LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1				Ш	4	Ш	26	72					
CLEETON CP TO RAVENSPURN A 16IN GAS INFIELD FLOWLINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1							25	64					
Continental Link	N/A	Low - Minimal third party project details published in the public domain but not confirmed as being 'accurate'	Interconector	In Planning	7				Ш		Ш	Not Available	Not Available					
CYGNUS A TO CYGNUS B GAS Pipeline	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1				Ш	4	Ш	29	13		Ш			
CYGNUS TO ETS GAS Pipeline	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		┸			_	Ш	12	0					
D15-A TO WINGATE 2 INCH METHANOL LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		┸			1	Ш	58	33					
Dogger Bank A export cable	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Cables	Under Construction	2					_	Ш	0	4					
Dogger Bank B export cable	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Cables	Under Construction	2				Ш	4	ш	0	8					
Dogger Bank C export cable	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Cables	Under Construction	3							17	15					
Dogger Bank D export cable	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Cables	In Planning	6							11	0					
Eastern Green Link (EGL 2)	The Crown Estate	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Interconector	Pre-construction	3							2	77					
Eastern Green Link (EGL 3)	National Grid	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Interconector	In Planning	6							Not Available	Not Available					
Eastern Green Link (EGL 4)	National Grid	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Interconector	In Planning	6							Not Available	Not Available					
ERIS TO MERCURY TIE-IN SKID 6IN PRODUCTION Pipeline THEN 10IN PRODUCTION Pipeline FROM MERCURY TIE-IN SKID TO MERCURY Manifold	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1						Ш	40	97					
ESMOND TO BACTON 24IN GAS EXPORT LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1							0	0					



							otes t	tion P he offs od for	hore c	onstr	uction	Closest distance from	Closest distance	ment cology	gy		5	Users	
Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier	224	2026	)27 )28	229	330	2032	the DBS Offshore Export Cable Corridor + 500m Construction Buffer Zone (km)	from the DSB Array Areas + 1km Construction Buffer Zone	larine Physical Environi enthic and Intertidal Ec	hellfish	Commercial Fisheries	Shipping and Navigation Aviation and Radar	Infrstructure and Other Offshore Archeology	
ESMOND TO FORBES 10IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public	Pipeline	Abandoned	N/A	8 8	ñ	ă ă	N	ă ă	, N	5	0	≥ ∞	EC	0	N A	- O	
		domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public			-		Н	+	$\vdash$	+	+					+			
ESMOND TO FORBES 2IN GAS LINE	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Pipeline	Abandoned	N/A		Н			+		5	0						
ESMOND TO GORDON 12IN GAS LINE	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Pipeline	Abandoned	N/A		Н			+		3	0						
ESMOND TO GORDON BHP 2IN GAS LINE	North Sea Transition Authority	domain but not confirmed as being 'accurate'	Pipeline	Abandoned	N/A		Ц					3	0				Ш	444	
GARROW TO KILMAR 3IN SERVICE LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		Ц					17	30						
GARROW TO KILMAR 8IN GAS EXPORT LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1							17	30						
HAWKSLEY EM TO MCADAM MM Umbilical (UM6)	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A							37	14						
HAWKSLEY EM TO MURDOCH MD 12IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A							37	14						
HAWKSLEY EM TO MURDOCH MD 3IN MEOH LINE	North Sea Transition Authority	Medium - Third party project details published in the public	Pipeline	Not in use	N/A		П		П			37	14						
Hornsea Project Four export cable	The Crown Estate	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Cables	Active	1		П					0	41						
Hornsea Project Three export cable	The Crown Estate	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Cables	Under Construction	3		Н					62	45						
Hornsea Project Two export cable	KIS-ORCA	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Cables	Active	1		Н		$\vdash$		H	57	50			+			
Humber Gateway export cable	The Crown Estate	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Cables	Active	1		Н	+	$\vdash$		H	41	124			+			
HUNTER GAS EXPORT TO MURDOCH K	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Pipeline	Abandoned	N/A		H				H	46	21						
	-	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public			-		Н	-	$\vdash$	+	+					+			
HUNTER TO MURDOCH K EXPORT PL3005	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Pipeline	Abandoned	N/A		Н		Н	+	Н	46	21			+			
JOHNSTON 12IN GAS EXPORT	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Pipeline	Active	1		Н				Н	42	57						
JOHNSTON 2IN METHANOL	North Sea Transition Authority	domain but not confirmed as being 'accurate'	Pipeline	Active	1		Ц		Ш		Ш	42	57			Ш	Ш		
JOHNSTON FIELD EXTENSION GAS PRODUCTION	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		Ц					45	55						
JOHNSTON J5 8IN GAS EXPORT	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1							48	55						
KATY GAS EXPORT Pipeline	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A							49	24						
KATY METHANOL Pipeline	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A							49	24						
KETCH TO MURDOCH 18IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A		П					43	20						
KETCH TO MURDOCH 3IN METHANOL	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A		Ħ					43	20						
KILMAR TO KILMAR GAS EXPORT SPOOL	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		П					17	30						
KILMAR TO KILMAR SERVICE SPOOL	North Sea Transition Authority	Medium - Third party project details published in the public	Pipeline	Active	1		П		Н		Ħ	17	30						
KILMAR TO TRENT 12IN GAS EXPORT	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Pipeline	Active	1		Н		$\vdash$		H	16	17			+			
KILMAR TO TRENT 3IN SERVICE	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Pipeline	Active	1		Н		H		H	16	17			+			
KILMAR TO TRENT GAS EXPORT SPOOL	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Pipeline	Active	1		Н					18	17						
		domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public			-		H			H	H								
KILMAR TO TRENT SERVICE SPOOL	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Pipeline	Active	1		H				H	18	17						
LANGELED Pipeline SLIEPNER RISER TO EASINGTON SECTION	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Pipeline	Active	1		H					0	46						
M1 TO MINERVA 6IN PRODUCTION Pipeline (PL3)	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Pipeline	Not in use	N/A							30	85						
M5 TO MINERVA 6IN PRODUCTION Pipeline (PL4)	North Sea Transition Authority	domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A							25	83						



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Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier	2024	2026	2027	2028	2030	2031	the DBS Offsh Export Cable Co + 500m Constru Buffer Zone (k	ore rridor Ar action	from the DSB rray Areas + 1km Construction Buffer Zone	Marine Physical Enviro Benthic and Intertidal	and Shell fis	merc	Shipping and Navigati Aviation and Radar	rstructure shore Arch
MCADAM MM TO MURDOCH MD Umbilical (UM7)	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A		Ť		,,,,			41		16					
MCCS Trunk	KIS-ORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Cables	Active	1		t					33		16	T	П			
MERCURY TO NEPTUNE 10IN GAS	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		T					33		75		П			
METHANOL Pipeline (EASINGTON TERMINAL TO TOLMOUNT Platform)	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		T					16		84		П			
MINERVA TO CLEETON 16IN GAS EXPORT Pipeline (PL5)	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		T	П		П		26		72	T	П			
MINERVA TO CLEETON 3IN SERVICE PIGGYBACK (PL7)	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		T					26		72		П			
MINKE GAS Pipeline	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Abandoned	N/A		T					68		43		П			
MUNRO 10IN GAS EXPORT LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A		T					34		11		П			
MUNRO 3IN MEOH IMPORT LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A		T			П		34		11	T	П			
MURDOCH K KM TO MURDOCH MD 10IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A		T					43		20		П			
MURDOCH K KM TO MURDOCH MD 3IN MEOH LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A		T					43		20		П			
MURDOCH KM TO MURDOCH MD Umbilical (UM8)	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A		T			П		43		20	T	П			
MURDOCH MD TO BOULTON BM 10IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A		T					37		18		П			
MURDOCH MD TO BOULTON BM 3IN MEOH LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A		T					37		18					
MURDOCH MD TO CAISTER CM 16IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A							43		20		П			
MURDOCH MD TO CAISTER CM 3 IN MEOH LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A		T					43		20		$\prod$			
National Grid HND Bootstrap	N/A	Low - Minimal third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	In Planning	7		T					Not Availabl	е	Not Available					
NEPTUNE TO CLEETON 16IN GAS Pipeline	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		T					26		72					
NORSEA COM 1 SEG 2	KIS-ORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Cables	Active	1		T					43		19		П			
NORSEA COM 1 SEG 3	KIS-ORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Cables	Active	1		T					43		20		П			
Northern Endurance pipeline	The Crown Estate	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	In Planning	4		T					0		45					
RAVENSPURN B SPUR 12IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		Т					32		64		П			
RAVENSPURN C SPUR 12IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		T					27		64		П			
RAVENSPURN NORTH 24IN GAS EXPORT LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		T					26		62		П			
RAVENSPURN NORTH ST-2 INFIELD 14IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		T					38		61		П			
RAVENSPURN NORTH ST3 TO RNCP 14IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		T					31		62		П			
RITA TO HUNTER 8IN GAS EXPORT	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Abandoned	N/A		T					37		15		П			
ROUGH 47/3B 36IN GAS IMPORT/EXPORT	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1							34		101					
ROUGH 47/8A TO EASINGTON 16IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A		T					35		101					
ROUGH 8A TO ROUGH 3B 18IN GAS EXPORT	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1		Г					34	$\top$	101					
SCHOONER TO MURDOCH 16IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A		T					43		20					
SCHOONER TO MURDOCH 3 IN METHANOL	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A		T					43		20	T				



Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier		tes t	he off	Period ( shore o the Pr	onstru	uction	Closest distance from the DBS Offshore Export Cable Corridor + 500m Construction	Closest distance from the DSB Array Areas + 1km Construction	al Environment tertidal Ecology	ish Ecology	sheries	Navigation Radar	nd Other Users eology
						2024	2026	2027	2029	2030	2032	Buffer Zone (km)	Buffer Zone	Marine Physica Benthic and In	hand:	<u>.</u>	ipping and ation and	Infrstructure o
Sofia export cable	The Crown Estate	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Cables	Under Construction	2							18	15					
TATA NORTH EUROPE	KIS-ORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Cables	Active	1							13	12					
THEDDLETHORPE TO MURDOCH MD 26IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A							40	20			П		
THEDDLETHORPE TO MURDOCH MD 4IN MEOH LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A							40	20			П		
TOPAZ TO SCHOONER GAS EXPORT Pipeline	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A							51	35			П		
TYNE TO TRENT 20IN GAS LINE (PL1220/PL1221)	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A							17	2					
UK-DENMARK 4	KIS-ORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Cables	Disused	N/A							18	18					
UK-GERMANY 6	KIS-ORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Cables	Disused	N/A							2	0			П		
Viking Link	RHDHV	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Interconector	Active	1				П			44	29					
WATT QM TO MURDOCH MD Umbilical (UM5)	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Not in use	N/A							43	20					
WEST SOLE TO EASINGTON 16IN GAS LINE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1							41	87					
WEST SOLE TO EASINGTON 24IN GAS LINE	The Crown Estate	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Cables	Active	1				П			41	88			П		
Westermost Rough export cable	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Cables	Active	1				П			25	118					
WHITTLE TO CLEETON 12IN PRODUCTION Pipeline (PL9)	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1				П			12	72					
WINGATE TO D15-A 12 INCH GAS EXPORT	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1				П			58	33					
WOLLASTON TO WHITTLE 8IN PRODUCTION Pipeline (PL8)	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1				П	T		10	73					
YORK METHANOL Pipeline FROM EASINGTON TERMINAL TO YORK Platform	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1							29	97					
YORK PRODUCTION Pipeline FROM YORK Platform TO EASINGTON TERMINAL	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline	Active	1				П			29	97					



In Planning / Consented / Pre-construction Construction Active / Operation & Maintenance Decommisioning Screened out of assessment Screened in to assessment

Table A5 Offshore Cumulative Effects Long-List of	of Schemes - Oil and Gas																			
							note	ruction s the o eriod f	ffsho	re cor	struc		Closest distance from		ironment	Ecology	Α.	s ation		her Users
Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier	2024	2025	2027	2028	2030	2031	2032	the DBS Offshore Export Cable Corridor + 500m Construction Buffer Zone (km)	from the DSB Array Areas + 1km Construction Buffer Zone	Marine Physical Env	Fish and Shellfish Ec	Offshore Ornithology	Commercial Fisheries Shipping and Navigation	Aviation and Radar	Infrstructure and Oth Offshore Archeology
42/13- 3Z	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		T	П	Т				30	59						
42/13-5Y	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		1						30	59						
42/13a-A10Z	North Sea Transition Authority	Modium Third party project details published in the public	Well	Operating	1		1					t	30	59						
42/13a-A11	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		1		T			Ť	30	59						
42/13a-A3	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		Ť					Ť	30	59						
42/13a-A4Z	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		T			T		1	30	59						
42/13a-A5Z	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1	T		П	T	T		T	30	59						
42/13a-A6	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1	T	1		T	Т		T	30	59						
42/13a-A7	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		1		T			T	30	59						
42/13a-A8	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		1					T	30	59						
42/13a-A9Z	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		1					T	30	59						
42/25a-G1	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		T					T	21	40						
42/25a-G1X	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		T					T	21	40						
42/25a-G1Y	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		T						21	40						
42/25a-G2	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		T						21	40						
42/25a-G2Y	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		Ī						21	40						
42/25a-G2Z	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		T						21	40						
42/28a- 19	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		T						10	77						
42/28a-8	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		Т						10	77						
42/28b-7	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1								12	73						
42/28d- 15	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A								16	84						
42/28d- 16	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A								16	84						
42/28d- 17	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A								16	83						
42/28d-18	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A								16	83						
42/29-C1	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A								26	72						
42/29-C2Z	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A								26	72						



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Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier	2024	2025	2027	2028	2030	2031	2031-2050	Export Cable Corridor + 500m Construction Buffer Zone (km)	Array Areas + 1km	Marine Physical Environ	Fish and Shellfish Eco	Offshore Ornithology	Commercial Fisheries Shipping and Navigati	Aviation and Radar Infrstructure and O	Offshore Archeolog
42/29-C3	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A								26	72						
42/29-C4	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1			П	T	Т		Г	26	72						
42/29-C5	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1								26	72						
42/29-C7	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1				T			T	26	72						
42/30-A1	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1	П	T		T			T	37	65						
42/30-A2	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1	П	T		T	T	П	T	37	65						
42/30-A3	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A		T					T	37	65						
42/30-A4	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1		T					T	37	65						
42/30-A5	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A		1					T	37	65						
42/30-A6	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1								37	65						
42/30-A7	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1		T	П				T	37	65			П			
42/30-B1	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1	П	T	П	T	T		T	32	64			П			
42/30-B10	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1	П						T	32	64						
42/30-B11	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1								32	64						
42/30-B2	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1								32	64						
42/30-B3	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A		T					T	32	64						
42/30-B4	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1								32	64						
42/30-B5	North Sea Transition Authority	Madium. Third party project details published in the public	Well	Operating	1	П			T			T	32	64						
42/30-B6	North Sea Transition Authority	Modium Third party project details published in the public	Well	Operating	1	П			T		П	T	32	64						
42/30-B7	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1	П						T	32	64						
42/30-B8	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A		T					T	32	64						
42/30-B9	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1								32	64						
42/30-C1	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	N/A		T					T	27	64						
42/30-C2	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A								27	64						
42/30-C3	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		Ť					T	27	64						
42/30-C4	North Sea Transition Authority	Modium Third party project details published in the public	Well	Shut In	N/A		1						27	64						
42/30-C5	North Sea Transition Authority	Modium Third party project details published in the public	Well	Operating	1		Ť						27	64						
42/30-D1	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1		Ť		Ť	T		Ť	31	62						
42/30-D10	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1		1		Ť			T	31	62						



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Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier	2024	2025	2027	2028	2030	2031	2032	the DBS Offshore Export Cable Corrido + 500m Construction Buffer Zone (km)		Shys	Fish and Shellfish Eco	Offshore Ornithology	Shipping and Navigat Aviation and Radar	and and	Off shore Archeolog
42/30-D11	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1						П	Т	31	62						
42/30-D12	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A							Т	31	62						
42/30-D13	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A						П	T	31	62						
42/30-D14	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A							T	31	62						
42/30-D2	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A							T	31	62						
42/30-D3	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		T			T		T	31	62						
42/30-D4	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1							T	31	62						
42/30-D5	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1		T		T	T	П	Ť	31	62						
42/30-D6	North Sea Transition Authority	Madium. Third party project details published in the public	Well	Shut In	N/A		T					T	31	62						
42/30-D7	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A		T					T	31	62						
42/30-D8	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1						П	t	31	62					П	
42/30-D9	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		T					T	31	62						
43/08A- 4	North Sea Transition Authority	Medium - Third party project details published in the public	Welhead	Active	1							T	10	0						
43/08A- 5	North Sea Transition Authority	Madium Third party project details published in the public	Welhead	Active	1						П	T	10	0						
43/15A-B2	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Welhead	Active	1						П	T	10	0						
43/15A-B3	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Welhead	Active	1		T				П	T	10	0						
43/15A-B4	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Welhead	Active	1						П	T	10	0						
43/22a-K1W	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Shut In	N/A							T	17	30					П	
43/22a-K1X	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A						П	T	17	30						
43/22a-K1Y	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A							T	17	30						
43/22a-K1Z	North Sea Transition Authority	Modium Third party project details published in the public	Well	Shut In	N/A		T					T	17	30						
43/22a-K2X	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A								17	30						
43/22a-K3	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A								17	30						
43/24-P2	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A								18	17						
43/24-P3	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A								18	17						
43/24-P4Z	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Shut In	N/A								18	17						
43/26a-E1	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1							T	38	61						
43/26a-E10	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A							T	38	61						
43/26a-E11	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A								38	61						



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Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier	2024	2025	2027	2028	2030	2031	2031-2050	Export Cable Corridor + 500m Construction Buffer Zone (km)		Physical Er	Fish and Shellfish Eco	Offshore Ornithology	Commercial Fisheries Shipping and Navigation Aviation and Radar	and and	Offshore Archeolog
43/26a-E2	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A								38	61						
43/26a-E3	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A	П						T	38	61						
43/26a-E4	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A	П						T	38	61						
43/26a-E5	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A	П	T					T	38	61						
43/26a-E6	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1							T	38	61						
43/26a-E7	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		T		Ť	T		T	38	61						
43/26a-E8	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		T					T	38	61						
43/26a-E9	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1							T	38	61						
43/26a-F1	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1						П	Ť	43	62						
43/26a-F10	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		1					T	43	62						
43/26a-F11	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A	П	T					T	43	62						
43/26a-F12	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1							T	43	62						
43/26a-F13	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1							T	43	62						
43/26a-F14	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A								43	62						
43/26a-F15	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1								43	62						
43/26a-F17	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A								43	62						
43/26a-F3	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1					T		T	43	62						
43/26a-F4	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A								43	62						
43/26a-F5	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A								43	62						
43/26a-F6Z	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A								43	62						
43/26a-F7	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1							T	43	62						
43/26a-F8	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1							Т	43	62						
43/26a-F9	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1							T	43	62						
43/27-4	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Welhead	Active	1							T	48	55						
43/27a- 4Z	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1							T	48	55						
43/27A- 5	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Welhead	Active	1							T	48	55						
43/27a- 5Z	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1							T	48	55						
43/27-J1	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		1					T	45	57						
43/27-J2	North Sea Transition Authority	A A addition. The land is supply as a fine additional to the action of the land	Well	Shut In	N/A								45	57						



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Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier	2024	2025	2027	2028	2029	2031		Expo + 50	e DBS Offshore ort Cable Corridor Om Construction uffer Zone (km)	from the DSB Array Areas + 1km Construction Buffer Zone	Marine Physical Environ	Fish and Shellfish Eco	Offshore Ornitholog	Shipping and Navigat	Aviation and Radar Infrstructure and O	Offshore Archeolog
43/27-J3Y	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		Ī					1		45	57						
43/27-J4	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A		T					T		45	57						
44/11a-B1Z	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1		1					1		29	13						
44/11a-B2Z	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		1					1		29	13						
44/11a-B3	North Sea Transition Authority	Modium Third party project details published in the public	Well	Operating	1		1					7		29	13						
44/11a-B4	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		1		Т			7		29	13				П		
44/11a-B5	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1		1					1		29	13						
44/12a-A2	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1		1					1		34	17						
44/12a-A3Z	North Sea Transition Authority	Madium. Third party project details published in the public	Well	Operating	1		7		T			7		34	17						
44/12a-A4Z	North Sea Transition Authority	Modium Third party project details published in the public	Well	Operating	1		†					†		34	17						
44/12a-A5	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		1		П			1		34	17						
44/21a-B1Z	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Shut In	N/A		1					1		37	18				П		
44/21a-B2Y	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A		T					1		37	18				П		
44/22a- 10Y	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A		T					T		48	25						
44/22c- 12Z	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		T					Ť		37	15						
44/23a- 12Z	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		T					1		46	21						
44/24a-6Y	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		1					1		68	43						
44/24b- 7Z	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1		1					1		58	33				П		
44/24b-A2Y	North Sea Transition Authority	Modium Third party project details published in the public	Well	Operating	1		1		T			1		58	33				П		
44/24b-A3Z	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1		7					7		58	33						
44/24b-A4Z	North Sea Transition Authority	Modium Third party project details published in the public	Well	Operating	1		1					7		58	33						
44/26a-7	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A		1					1		47	32						
44/26a-A1	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		T					T		51	35						
44/26a-A2	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A		T					T		51	36						
44/26a-A3	North Sea Transition Authority	Madium Third party project details published in the public	Well	Drilling	N/A		T					1		51	35						
47/03a- 15A	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1		Ť					1		29	97						
47/03a-Y1	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		1					1		29	97						
47/03a-Y3	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		T					T		29	97						
47/03a-Y4Z	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A		1					1		29	97						



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Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier	2024	2025	2027	2028	2030	2031	2031-2050	the DBS Offshore Export Cable Corridor + 500m Construction Buffer Zone (km)		shys	Fish and Shellfish Eco	Offshore Ornithology	Shipping and Navigat	Aviation and Radar Infrstructure and Of	Offshore Archeolog
47/03b-A1Y	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1				T	Τ		Т	33	91						
47/03b-A2U	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1		T		T	Т		Т	33	91						
47/03-C11	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1							T	34	101						
47/03-C12Z	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		T		T	T		T	34	101						
47/03-C4	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		T		T	T		t	34	101						
47/03-C5	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		Ť		Ť	T		Ť	34	101						
47/03-C7	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1	T	Ť		Ť	T		t	34	101						
47/03-C8	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1		Ť		Ť	T		t	34	101						
47/03c-M1X	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1		T		Ť	T		t	30	85						
47/03c-M2Y	North Sea Transition Authority	Modium Third party project details published in the public	Well	Shut In	N/A		1					t	30	85						
47/03c-M3Y	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1		t					t	30	85						
47/03d-B1	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1		Ť		Ť	T	Т	t	34	101						
47/03d-B10	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1		Ť		T	T		t	34	101						
47/03d-B12	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1		t		Ť	t		t	34	101						
47/03d-B2	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		T		Ť			t	34	101						
47/03d-B4	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		Ť		Ť	T		t	34	101						
47/03d-B5	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1	T	Ť		Ť	T	П	t	34	101						
47/03d-B6	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1	T	Ť		Ť	T		t	34	101						
47/03d-B8	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1		T		T	T		t	34	101						
47/03d-B9Z	North Sea Transition Authority	Madium Third party project details published in the public	Well	Operating	1		T		Ť			t	34	101						
47/04a- 7Z	North Sea Transition Authority	Modium Third party project details published in the public	Well	Shut In	N/A		1					t	33	86						
47/04b- 6	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1		t			T		t	33	75						
47/04b-N2	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Shut In	N/A		T					T	33	75						
47/04b-N3X	North Sea Transition Authority	Madium Third party project details published in the public	Well	Shut In	N/A		T					t	33	75						
47/04b-N4	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1							T	33	75						
47/08c- 4	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		T			T		Ť	40	98						
47/09b- 10	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1					T		Ť	48	101						
47/09b- 9	North Sea Transition Authority	Medium - Third party project details published in the public	Well	Operating	1		Ť					t	48	101						
47/09c-11X	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Well	Operating	1		Ť		Ť	Ť		t	50	97						



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Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier	2024	2025	2027	2028	2030	2031	2031-2050	the DBS Offshore Export Cable Corridor + 500m Construction Buffer Zone (km)	from the DSB Array Areas + 1km Construction Buffer Zone	Shys	Fish and Shellfish Eco	Offshore Ornithology	Shipping and Navige Aviation and Radar	Infrstructure and Oth	
APOLLO Manifold	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Manifold	Active	1		T					Т	33	91						Ī
BOULTON	North Sea Transition Authority	Madium Third party project datails published in the public	Platform	Active	1		T	П		T		T	37	18						Ī
BREAGH ALPHA	North Sea Transition Authority	Medium - Third party project details published in the public	Platform	Active	1		1					T	30	59						1
CAVENDISH	North Sea Transition Authority	Madium Third party project datails published in the public	Platform	Active	1		†					t	0	3						İ
CERES Umbilical FROM MERCURY TIE-IN SKID TO	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Umbilical	Active	1		†		T		T	t	48	97						i
CERES WELL	North Sea Transition Authority	Medium - Third party project details published in the public	Welhead	Active	1		†					t	50	97						t
CLEETON CC	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		Ť					t	26	72						ı
CLEETON PQ	North Sea Transition Authority	Medium - Third party project details published in the public	Platform	Active	1		†	$\top$				t	26	72						
CLEETON RISER TOWER	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		†	$\top$				t	26	72						t
CLEETON TO MINERVA Umbilical	North Sea Transition Authority	Medium - Third party project details published in the public	Umbilical	Active	1		†	$\top$				t	26	72						t
CLEETON TO WHITTLE Umbilical	North Sea Transition Authority	Medium - Third party project details published in the public	Umbilical	Active	1		†	$\top$		Ħ		t	12	72						
CLEETON WLTR	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Platform	Active	1	П	†	Ħ		Т		t	26	72						
CYGNUS A (APU)	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Platform	Active	1		†	$\top$				t	34	17						
CYGNUS A (AUQ)	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Platform	Active	1		†	$\top$		T		t	34	17						i
CYGNUS A (AWHP)	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Platform	Active	1		†		+	t		t	34	17						t
CYGNUS A SSIV	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Manifold	Active	1		†	+		+		t	34	17						l
CYGNUS A TO CYGNUS B Umbilical	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Umbilical	Active	1		†					t	29	13						
CYGNUS B (BWHP)	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Platform	Active	1		†		$^{+}$		T	t	29	13						
ERIS Umbilical	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Umbilical	Active	1		+					t	40	98						
ERIS WELL	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Welhead	Active	1		†					t	40	98						t
GARROW NUI	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Platform	Active	1		+					t	21	40						t
HUNTER CONTROL Umbilical	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Umbilical	Abandoned	N/A		1					T	46	21						
HUNTER TO RITA CONTROL Umbilical	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Umbilical	Abandoned	N/A		$\dagger$					t	37	15						
JOHNSTON	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Manifold	Active	1		1						45	57						
JOHNSTON J5 METHANOL	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Umbilical	Active	1		+					t	48	55						l
JOHNSTON Umbilical	North Sea Transition Authority	Medium - Third party project details published in the public	Umbilical	Active	1		+					t	42	57						1
JOHNSTONE FIELD EXTENSION CONTROL Umbil	-	Medium - Third party project details published in the public	Umbilical	Active	1		+					t	45	55						1
KILMAR NUI	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Platform	Active	1		+					+	17	30						
MERCURY Manifold	North Sea Transition Authority	domain but not confirmed as being 'accurate'  Medium - Third party project details published in the public	Manifold	Active	1		+			H		t	48	101						
		domain but not confirmed as being 'accurate'																	щ,	١,



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Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier	2024	2025	2027	2028	2029	2031	2032		from the DSB Array Areas + 1km Construction Buffer Zone	Physical Er	Fish and Shellfish Eco	Offshore Ornitholog	Commercial Fisheries Shipping and Navigat	Aviation and Radar Infrstructure and Oth	Offshore Archeolog
MERCURY TIE IN SKID	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Manifold	Active	1		T			T		T	48	101						
MINERVA	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		T			T		Т	30	85						
MINERVA TO APOLLO Umbilical	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Umbilical	Not in use	N/A		T					T	30	85						
MINERVA TO M1 Umbilical	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Umbilical	Active	1		1					T	30	85						
MINERVA TO M5 Umbilical	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Umbilical	Not in use	N/A		1					T	25	83						
MINKE Umbilical	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Umbilical	Abandoned	N/A		T					T	68	43						
MUNRO MH	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		T			T		Т	34	11						
NEPTUNE	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		T					Т	33	75						
NEPTUNE TO MERCURY	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Umbilical	Active	1		T					T	33	75						
RAVENSPURN NORTH CC	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		T					T	43	62						
RAVENSPURN NORTH CCW	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		T			T		T	43	62						
RAVENSPURN NORTH ST2	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		T			T		Т	38	61						
RAVENSPURN NORTH ST3	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		T			T		Т	31	62						
RAVENSPURN SOUTH A	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		T					Т	37	65						
RAVENSPURN SOUTH B	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		T					Т	32	64						
RAVENSPURN SOUTH C	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		Т					Т	27	64						
ROUGH AD	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		Т					Т	36	101						
ROUGH AP	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		Т						36	101						
ROUGH BD	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		Т					Т	34	101						
ROUGH BP	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		Т					Т	34	101						
ROUGH CD	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		Т					Т	34	101						
TOPAZ TO SCHOONER UMB	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Umbilical	Not in use	N/A		Т						51	35						
TRENT	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1								18	17						
WHITTLE Manifold	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Manifold	Active	1		1			T		T	12	73						
WHITTLE TO WOLLASTON Umbilical	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Umbilical	Active	1							T	10	73						
WINGATE Platform	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1		1					T	58	33						
YORK Platform	North Sea Transition Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Platform	Active	1								29	97						





Table A6 Offshore Cumulative Effects Long-List of Schemes - Military, Aviation and Radar

Scheme	Data Source	Data Confidence Assessment	Notes	Status of Development	Tier	der	peri	ction Pe the offsl iod for t	nore co	onstruc jects)	tion	Closest distance from the DBS Offshore Export Cable Corridor + 500m Construction Buffer Zone (km)	Closest distance from the DSB Array Areas + 1km Construction Buffer Zone	Marine Physical Environment	Benthic and Intertidal Ecology Fish and Shellfish Ecology	ithology	Shipping and Navigation Aviation and Radar	Infrstructure and Other Users Offshore Archeology
D323A	Oceanwise	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Military practice area	Active	1			Т		П	1	47	58					
D323B	Oceanwise	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Military practice area	Active	1						Т	0	0					
D323C	Oceanwise	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Military practice area	Active	1	T	П			П	Т	0	0					
D323D	Oceanwise	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Military practice area	Active	1	Т	П			П	Т	18	0					
D323E	Oceanwise	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Military practice area	Active	1	Т	П	Т	П	П	Т	41	105					
D323F	Oceanwise	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Military practice area	Active	1							0	99					
D323G	Oceanwise	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Military practice area	Active	1							41	122					
D412: STAXTON	Oceanwise	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Military practice area	Active	1							24	24					
X5309: ROWLSTON	Oceanwise	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Military practice area	Active	1							8	121					

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