

Hornsea 4



Hornsea Project Four: Preliminary Environmental Information Report (PEIR)

Volume 4, Annex 5.3: Offshore Cumulative Effects

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Glossary

Term	Definition
Cumulative Effects	The combined effect of Hornsea Four in combination with the effects of a number of different projects, on the same single receptor/resource.
Cumulative Impact	Impacts that result from changes caused by other past, present or reasonably foreseeable actions together with Hornsea Four.
Design Envelope	A description of the range of possible elements that make up the Hornsea Four design options under consideration, as set out in detail in the project description. This envelope is used to define Hornsea Four for Environmental Impact Assessment (EIA) purposes when the exact engineering parameters are not yet known. This is also often referred to as the "Rochdale Envelope" approach.
Development Consent Order (DCO)	An order made under the Planning Act 2008 granting development consent for one or more Nationally Significant Infrastructure Projects (NSIP).
Environmental Impact Assessment	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 EIA Report.
Hornsea Four	The proposed Hornsea Project Four offshore wind farm project; the term covers all elements within the DCO (i.e. both the offshore and onshore components).

Acronyms

Acronym	Definition
CEA	Cumulative Effects Assessment
ECC	Export Cable Corridor
EIA	Environmental Impact Assessment
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
RIAA	Report to Inform the Appropriate Assessment
SoS	Secretary of State
Zol	Zone of Influence

1 Introduction

1.1 Introduction

- 1.1.1.1 A fundamental requirement of undertaking the Cumulative Effects Assessment (CEA) is to identify those projects, plans and activities with which Hornsea Project Four offshore wind farm (hereafter Hornsea Four) may interact to produce a cumulative impact. These interactions may arise within the construction, operation and maintenance or decommissioning phases of the project.
- 1.1.1.2 The objective of this annex is to provide details on the proposed methodology for the Hornsea Four offshore CEA, justification for the approach taken regarding cumulative impacts, and to detail the long list of projects, plans and activities that have been considered within the Hornsea Four offshore CEA. [Volume 4, Annex 5.5: Onshore Cumulative Effects](#) presents the onshore CEA for Hornsea Four. The approach for cumulative impacts is based upon the Planning Inspectorate (PINS) Advice Note 17: Cumulative Effects Assessment. The approach to the CEA is intended to be specific to Hornsea Four and takes account of the extensive available knowledge of the environment and other activities around the Hornsea Four Preliminary Environmental Information Report (PEIR) boundary.

2 Policy and legislative context

- 2.1.1.1 The Planning Act 2008 underpins the consenting regime for certain types of development classed as Nationally Significant Infrastructure Projects (NSIPs). The Secretary of State (SoS) for the department of Business, Enterprise and Industrial Strategy (BEIS) has confirmed that Hornsea Four will require development consent under the Planning Act. The Infrastructure Planning (Environmental Impact Assessment) Regulations (2017) implemented the requirements of the EIA Directive (Directive 2014/52/EU) into UK law.
- 2.1.1.2 The overarching National Policy Statement (NPS) for Energy (EN-1) and the NPS for Renewable Energy Infrastructure (EN-3) both identify the need to address the maximum potential adverse impacts. Matters considered to affect the maximum adverse impact are topic impacts, inter-relationships between topics, and cumulative impacts. The maximum adverse scenario, or envelope, is termed the Rochdale Envelope.
- 2.1.1.3 PINS has produced 'Advice Note 9: Rochdale Envelope' (2012) setting out the views of PINS regarding how this approach should be used in the context of the Planning Act 2008. The Rochdale Envelope approach is a well understood concept that 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 confirms 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.
- 2.1.1.4 PINS have produced 'Advice Note 17: Cumulative Effects Assessment' (December 2015), which provides guidance on a staged process that can be used for cumulative effects assessments for NSIPs. Advice Note 17 (AN17) detailed a four-step process that can be followed by developers and which has been applied here.

2.1.1.5 The Marine Policy Statement (MPS) sets out the need to address cumulative effects, i.e. *‘when considering potential benefits and adverse effects, decision-makers should also consider any multiple and cumulative impacts of proposals in the light of other projects and activities’*.

3 Consultation

3.1.1.1 The cumulative effects of Hornsea Four have been the subject of detailed discussion between PINS and Hornsea Four. As part of the PEIR for Hornsea Four, consultation has also been undertaken with various statutory and non-statutory authorities and stakeholders. A record of the key areas of consultation is provided within **Volume 1, Chapter 6: Consultation**, but consultation to date is also summarised in the topic-specific PEIR chapters.

3.1.1.2 A summary of notable agreements and consultation responses from PINS relevant to the CEA from the Scoping Opinion are provided in **Table 1** below.

Table 1: PINS Scoping comments relating to the CEA.

Comment	Response to issue raised and/or where considered in this annex
<p><u>Cumulative effects during decommissioning:</u> Decommissioning is not proposed to be addressed in the cumulative assessment on the basis that it is too far in the future for enough information to be available to form a robust assessment. The Inspectorate notes the intention to assess this phase of the Proposed Development and to commit to a decommissioning plan at the relevant time, and is content with this approach. The Inspectorate agrees to scope cumulative effects during decommissioning out of the cumulative assessment; however, the Applicant should take into account comments in Section 3, Paragraph 2.3.11 of this Scoping Opinion.</p>	<p>Noted. Hornsea Four will submit an offshore decommissioning programme for approval prior to the start of offshore construction.</p>
<p><u>Cumulative effects on offshore environment:</u> The proposed cumulative effects assessment does not include any detail of what aspects of the offshore environment will be assessed, however it is noted that the approach set out will examine effects on a receptor basis as part of the refinement of the list of projects/plans to be considered. The Environmental Statement (ES) should explain fully the results of this process and set out what aspects and receptors have been assessed. Specific comments are provided in Tables 4.4, 4.11 and 4.12 above with regard to those environmental aspects. The Inspectorate notes the intention to follow the advice in Advice Note 17.</p>	<p>This annex sets out the approach to the CEA with the long list of projects, plans and activities presented in Appendix A. Topic-specific assessments are included in the relevant PEIR chapters.</p>
<p><u>ZOIs for cumulative assessment:</u> The Zones of Influence (Zol) for the cumulative assessment differ from the environmental aspect chapter for some aspects. It is noted that some principles behind the Zol are given in Paragraph 8.4.3.2 and the Inspectorate would expect the ES to clearly explain how the Zol or study area(s) have been determined, based on the likely extent of impacts.</p>	<p>Zols have been defined in Table 3 of this annex which have been derived based upon the likely extent over which cumulative impacts are likely to occur. Cumulative effect screening ranges specific to each EIA receptor topic are presented in Table 6.</p>

4 Definitions of cumulative effects for Hornsea Four

4.1.1.1 This PEIR addresses the cumulative effects for both the onshore and offshore elements of Hornsea Four (with onshore elements dealt with in [Volume 4, Annex 5.5: Onshore Cumulative Effects](#)). For the purposes of the Hornsea Four CEA process, cumulative effects are defined as those that result from incremental changes caused by other reasonably foreseeable actions alongside the project in question. This includes the impact of other relevant developments that were not present at the time of data collection or survey. In-combination effects are defined as the combined effect of Hornsea Four, with the effects from a number of different projects, on the integrity of European Sites designated for their nature conservation value. In-combination effects are presented separately within the Report to Inform the Appropriate Assessment (RIAA).

4.1.1.2 This definition is consistent with the definition provided by PINS in Advice Note 17 and has been applied throughout the PEIR.

5 Approach to cumulative effects assessment

5.1 Overview

5.1.1.1 The assessment of cumulative effects arising as a result of Hornsea Four is a required part of an impact assessment under the Infrastructure Planning (Environmental Impact Assessment) Regulations (2017). As described in [paragraph 2.1.1.4](#), PINS produced Advice Note 17: Cumulative Effect Assessment, to provide guidance on a staged process that can be used for CEAs for NSIPs. [Table 2](#) summarises the stages and activities involved in the CEA process as described in PINS Advice Note 17.

Table 2: Stages and activities involved in the CEA process (adapted from PINS Advice Note 17).

CEA stage	Activity
Stage 1 – Establish the project’s Zol and establish a long-list of other developments	<ul style="list-style-type: none"> The Project undertakes 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 plans and projects/activities is drawn up through a desk study of planning applications, development plan documents, relevant development frameworks and any other available sources to identify ‘other development’ within the Zol. Information on each project (location, development type and timing, 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 (and ideally prior to the submission of the Scoping Report)¹.

¹ Note that Hornsea Four did not provide a long list for consideration at scoping for offshore cumulative issues, this being prepared for consultation at the PEIR stage and included here in [Appendix A](#); a long list for onshore issues was provided.

CEA stage	Activity
<p>Stage 2 – Screening of long list: Identify a shortlist of other developments for the CEA</p>	<p>PINS 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.</p> <p>AN17 notes that the proposed inclusion/exclusion should ideally be finalised prior to the request for a Scoping Opinion, and the project must consult with the relevant planning authorities and statutory consultees regarding the shortlist¹.</p>
<p>Stage 3 – Information gathering</p>	<p>All available information on the ‘other developments’ within the shortlist generated at Stage 2 is collated to inform the CEA.</p>
<p>Stage 4 – Assessment</p>	<p>The project reviews each of the ‘other developments’ in turn to assess whether cumulative effects may arise. This should also include, where relevant, consideration of any mitigation measures where adverse cumulative effects are identified and should clearly signpost to the relevant means of securing mitigation (e.g. DCO requirements and associated mitigation plans).</p> <p>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 significance adverse cumulative effects and means to ensure delivery.</p>

5.1.1.2 The following sections sets out the Hornsea Four 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 PEIR chapters as part of the cumulative assessment process (Stage 4)

5.2 Stage 1 - Establish the Zols and identify long list of ‘other development’

5.2.1 Approach to the long list

5.2.1.1 Under the first stage of the offshore CEA, a long-list of relevant projects, plans and activities occurring within a large study area around Hornsea Four has been developed. This has encompassed a large area of the North Sea. The long-list includes the details of the relevant operational or planned projects, plans and activities including those in the UK and adjoining international jurisdictions, and has been based on publicly available information available at the time of preparation.

5.2.1.2 The long-list, seaward of Mean High-Water Springs (MHWS) has been produced based on the scale of other projects and the potential for them to produce cumulative effects with Hornsea Four. Any projects considered for planning post-May 2019 have not been

considered for inclusion in the PEIR. The long-list will be reviewed during the preparation of the ES (post-PEIR), and any new projects will be added at that stage.

5.2.1.3 **Table 3** defines the search area extents that have been applied in developing the long list of other projects, plans and activities. It should be noted that these initial screening ranges are based on the maximum extents of potential impacts from those activities and are highly conservative. Impact-specific screening ranges used for individual topics may use reduced ranges depending on topic-specific criteria.

Table 3: CEA offshore long list search areas extents or Zols.

Project, plan or activity	CEA search area extents	Rationale
Aggregate dredging and disposal	Up to 50 km from the Hornsea Four array area and offshore ECC	This range represents a precautionary maximum distance at which effects from aggregate dredging and disposal could occur (e.g. changes to hydrodynamic regime/coastal processes).
Offshore energy	Up to 500 km from the Hornsea Four array area and offshore ECC	This range represents a precautionary maximum distance at which effects from offshore energy (e.g. underwater noise from piling) could occur.
Commercial fisheries	Up to 200 km from the Hornsea Four array area and offshore ECC	This range represents a precautionary maximum distance at which effects from commercial fisheries activities could occur.
Oil and gas	Up to 200 km from the Hornsea Four array area and offshore ECC	This range represents a precautionary maximum distance at which effects from oil and gas activities could occur.
Cables and pipelines	Up to 50 km from the Hornsea Four array area and offshore ECC	This range represents a precautionary distance at which effects from cables and pipelines (e.g. increases to SSCs from installation) could occur.
Shipping	Up to 200 km from the Hornsea Four array area and offshore ECC	This range represents a precautionary maximum distance at which effects from commercial fisheries activities could occur.
Military, aviation and radar	Up to 200 km from the Hornsea Four array area and offshore ECC	This range represents a precautionary maximum distance at which effects from military, aviation and radar effects could occur,
Coastal developments (including ports)	Up to 200 km from the Hornsea Four array area and offshore ECC	This range represents a precautionary maximum distance at which effects from military, aviation and radar effects could occur,

5.2.1.4 All projects, plans and activities within the search areas defined in the table above have been identified through a desktop study using, amongst others, the following data sources:

- Planning Inspectorate National Infrastructure Planning website²;
- The Crown Estate website³;
- European Marine Observation and Data Network (EMODnet) data⁴;
- Oil and Gas UK website⁵; and
- Developer and project proponent websites (numerous sources).

5.2.1.5 The Hornsea Four cumulative long list is presented in [Appendix A](#). All offshore projects, plans and activities considered within the CEA, based on the search areas set out in [Table 3](#) are presented in [Volume 4, Annex 5.4: Location of Offshore Cumulative Schemes](#).

5.2.2 Tiered approach

5.2.2.1 In assessing the potential for cumulative effects from Hornsea Four, it is important to bear in mind that projects, 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 PINS in Advice Note 17. For example, projects which are already under construction are more likely to contribute to cumulative effects than those development applications that are not yet submitted.

5.2.2.2 For these reasons, all of the relevant long list plans and projects 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, 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 Hornsea Four. Appropriate weight may therefore be given to each scenario (tier) in the decision-making process when considering the potential cumulative impacts associated with Hornsea Four. For example, it may be considered that greater weight be attributed to tier 1 than tier 2.

5.2.2.3 In accordance with PINS Advice Note 17, the proposed tiering structure is described in [Table 4](#). The tiers are listed in descending order of level of detail likely to be available (and certainty of effects arising). It is noted in PINS Advice Note 17 that where other projects are expected to be completed before the construction of the proposed NSIP and the effects of those projects are fully determined, effects arising from them should be considered as part of the baseline and may be considered as part of assessment in the construction and operational phase (noting that the assessment should clearly distinguish between projects forming part of the baseline and those in the CEA).

Table 4: Description of tiers of other developments considered for CEA (adapted from PINS Advice Note 17).

² <https://infrastructure.planninginspectorate.gov.uk/>

³ <https://www.thecrownestate.co.uk/en-gb/what-we-do/on-the-seabed/marine-planning/>

⁴ <http://www.emodnet-humanactivities.eu/view-data.php>

⁵ <https://www.ogauthority.co.uk/data-centre/interactive-maps-and-tools/>

Tier 1	Project under construction.
	Permitted applications, whether under the Planning Act 2008 or other regimes, but not yet implemented.
	Submitted applications, whether under the Planning Act 2008 or other regimes, but not yet determined.
Tier 2	Projects on the Planning Inspectorate's Programme of Projects where a Scoping Report has been submitted.
Tier 3	Projects on the Planning Inspectorate's Programme of Projects where a Scoping Report has not been submitted.
	Identified in the relevant Development Plan (and emerging Development Plans with appropriate weight being given as they move closer to adoption) recognising that much information on any relevant proposals will be limited.
	Identified in other plans and programmes (as appropriate) which set the framework for future development consents/approvals, where such development is reasonably likely to come forward.

5.2.2.4 The tiering allocated to each of the long list projects is indicated as part of the long list presented in [Appendix A](#).

5.3 Stage 2 – Screening of long list (interactions)

5.3.1.1 Having developed the Hornsea Four long list, all projects, plans and activities have been screened based on the level of detailed information available and the potential for interaction with Hornsea Four, whether this interaction be temporal, spatial or potential. This screening has produced EIA topic-specific short-lists of projects to be considered further within the CEA as part of each PEIR 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 screening process has applied the criteria presented in [Table 5](#).

Table 5: CEA long list screening criteria.

Project screened-in	Project screened-out
<ul style="list-style-type: none"> - Project, plan or activity is considered as part of the baseline environment but has ongoing effects; - Potential for potential impact-receptor pathway exists; - Potential for a spatial effect interaction exists; and/or - Potential for temporal effect interaction exists. 	<ul style="list-style-type: none"> - Project, plan or activity included as part of the baseline environment (therefore not a consideration in the CEA); - Low data confidence (meaningful assessment cannot be undertaken); - No potential impact-receptor pathway exists; - No potential for a spatial effect interaction; and - No potential for a temporal effect interaction.

5.3.1.2 During the screening process, the steps above have been followed in the defined order in order to allow a clear justification for screening projects in/out. Further detail on the project screening criteria is given in the following sections:

- **Potential impact-receptor pathway:** There is the potential that a pathway exists whereby an impact could have an effect on a receptor. For example, increases to

suspended sediment concentration could have an impact on fish and shellfish receptors, but underwater noise could not have an effect on aviation and radar receptors.

- **Spatial effect interaction:** The impacts on a receptor from Hornsea Four and one or more other plans/projects have a geographical overlap. For example, underwater noise contours from piling at Hornsea Four could overlap with those of another offshore wind farm project, if it is sufficiently close to Hornsea Four. If there is no spatial interaction, there is no potential for a cumulative effect.
- **Temporal effect interaction:** The impacts from Hornsea Four and one or more other plans/projects have the potential to occur at the same time. If there is no temporal interaction, there is no potential for a cumulative effect.

5.3.1.3 Only where there is the potential for both spatial and temporal interaction between effects at Hornsea Four and one or more other plans/projects, has a cumulative impact been taken forward for consideration in the CEA. The screening of the long list is set out in [Appendix A](#), identifying those projects screened in or out for further consideration on the basis of one or more of the preceding criteria.

5.4 Stage 2 – Topic-specific screening of long list (impact ranges)

5.4.1.1 The screened long list identifies all the other plans, projects and activities that might give rise to cumulative effects when considered alongside the potential impacts arising from Hornsea Four but does not identify the differences in impact ranges for different environmental receptors. In order to focus the topic specific CEAs presented in the PEIR chapters, the screened long list was subject to further topic specific screening to identify those relevant plans, projects and activities within the Zols of Hornsea Four for each topic. The topic-specific screening distances used to refine the screened long list into topic-specific short lists (along with justifications for the distances used) are provided in [Table 6](#).

Table 6: Cumulative effect screening ranges specific to each EIA receptor topic.

EIA topic	Maximum extent of impact and justification
Marine geology, oceanography and physical processes	10 km around the array area and 15 km around the ECC (based on the distance of one tidal excursion ellipse).
Benthic and intertidal ecology	10 km around the array area and 15 km around the ECC (based on physical processes assessment).
Fish and shellfish ecology	10 km around the array area and 15 km around the ECC (for sedimentary impacts, based on physical processes). Greater distance for underwater noise related impacts based on underwater noise modelling (100 km).
Marine mammals	Dependent on the reference population extent (e.g. 'the North Sea' for harbour porpoise).
Offshore and intertidal ornithology	Dependent on the maximum foraging range of the species in question (e.g. 380 km for gannet).
Commercial fisheries	Extent of the relevant fishing grounds.
Shipping and navigation	Based on shipping lanes and available sea room around relevant components of Hornsea Four. Projects.

EIA topic	Maximum extent of impact and justification
Aviation and radar	Distance at which disturbance from the Hornsea Four array would interact with that of another development (45 km).
Marine archaeology	Dependent on the archaeological receptor in question.
Seascape and visual resources	Based on the maximum extent of the Zone of Theoretical Visibility (ZTV).
Infrastructure and other users	Based on the extent of the order limits plus any relevant safety zones.

5.4.1.2 These topic-specific ranges have been applied to the long list, presented in [Appendix A](#), to identify relevant short list plan/projects/activities to be taken forward to the topic-specific CEA presented in each PEIR chapter (summary short list tables are presented in each of the offshore PEIR topic chapters).

5.4.1.3 It is important to note that commercial fisheries has been screened out of all topic specific CEAs. The Applicant recognises that fishing has an impact on certain receptors. This is considered within the environmental baseline against which the assessments have been carried out. It is not possible to determine what the baseline conditions would be without the impacts that fishing impacts impose on such receptors and therefore there is no means by which such an assessment can be undertaken.

5.5 Stage 3 (information gathering) and Stage 4 (assessment)

5.5.1.1 Following on from the production of the topic-specific long lists, EIA topics authors have undertaken an information gathering exercise in relation to all plans, projects and activities that have been screened-in for each topic. This information gathering has then been used to inform the CEA assessments presented within each EIA topic chapter.

6 References

DECC (2011). Overarching National Policy Statement for Energy (EN-1). Available at: <https://www.gov.uk/government/publications/national-policy-statements-for-energy-infrastructure> Accessed May 2019.

DECC (2011). National Policy Statement for Renewable Energy Infrastructure (EN-3). Available at: <https://www.gov.uk/government/publications/national-policy-statements-for-energy-infrastructure> Accessed May 2019.

HM Government (2011). UK Marine Policy Statement. Available at: <https://www.gov.uk/government/publications/uk-marine-policy-statement> Accessed May 2019.

PINS (2012). Advice Note 9: Rochdale Envelope. Available at <https://infrastructure.planninginspectorate.gov.uk/legislation-and-advice/advice-notes/> Accessed May 2019.

PINS (2015). Advice Note 17: Cumulative Effects Assessment. Available at: <https://infrastructure.planninginspectorate.gov.uk/legislation-and-advice/advice-notes/> Accessed May 2019.

RenewableUK (2013). Cumulative Impact Assessment Guidelines: Guiding Principles for Cumulative Impacts Assessment in Offshore Wind Farms. Available at: <http://www.nerc.ac.uk/innovation/activities/infrastructure/offshore/cumulative-impact-assessment-guidelines/> Accessed May 2019.

Appendix A – Offshore Cumulative Screening Matrices

In Planning/Consenting/Pre-Construction
Construction
Operation and Maintenance
Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: Screened in to assessment.
c	Potential cumulative impact exists: Screened in to assessment.
d	No conceptual effect-receptor pathway: Screened out of assessment.
e	Low data confidence: Screened out of assessment.
f	No physical effect-receptor overlap: Screened out of assessment.
g	No temporal overlap: Screened out of assessment.

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)										Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Ecology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascope and Visual Resources	Infrastructure and Other Users														
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028															2029	2030	2031-2050											
United Kingdom																																										
Humber 4 and 7 (506)	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 DEME Building Materials Ltd	Open																								36.65	>50	>50	f	f	f	d	d	a	a	f	f	a	f	
Humber 4 (514/4)	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																									>50	40.01	45.87	f	f	f	d	d	a	a	f	f	f	f
Humber 2 (514/2)	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																									>50	43.46	44.69	f	f	f	d	d	a	a	f	f	f	f
Humber 3 (514/3)	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																									>50	43.90	45.84	f	f	f	d	d	a	a	f	f	f	f
Humber 1 (514/1)	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																									>50	45.51	46.67	f	f	f	d	d	a	a	f	f	f	f
Hundale Potash Mine	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Minerals Lease operated by York Potash	Open																								>50	18.74	29.94	f	f	f	d	d	c	a	g	f	f	f	
Boulby Potash Mine	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Minerals Lease operated by Cleveland Potash	Open																								>50	44.29	>50	f	f	f	d	d	a	a	f	f	f	f	
Bridlington Bay B	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed																								>50	29.39	0.00	g	g	g	d	g	g	f	f	g	f	e	
Bridlington A	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open																								>50	27.75	2.10	b	b	b	d	d	a	a	g	b	f	f	
Hornsea Project One Subzone 1	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	closed																								5.05	21.32	>50	g	g	g	d	d	g	a	g	g	a	f	
Babbage	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Disused																								15.87	12.06	>50	g	g	g	d	d	g	a	g	g	a	f	
Westermose Rough OWF	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open																								>50	21.48	25.23	f	f	f	d	d	a	a	g	f	f	f	
Scarborough Rock	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open																								>50	27.55	48.81	f	f	f	d	d	a	a	g	f	f	f	
Alexandra Dock	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed																								>50	31.39	>50	g	g	g	d	g	g	f	f	g	f	e	
Scalby	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed																								>50	31.83	>50	g	g	g	d	g	g	f	f	g	f	e	
Hedon Haven	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open																								>50	32.23	>50	f	f	f	d	d	a	a	g	f	f	f	
Humber 4B/Hook	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open																								>50	32.34	>50	f	f	f	d	d	a	a	g	f	f	f	
Humber 4	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open																								>50	32.42	>50	f	f	f	d	d	a	a	g	f	f	f	
Humber 4B/Hook Extension	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open																								>50	32.69	>50	f	f	f	d	d	a	a	g	f	f	f	
Scarborough	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed																								>50	32.79	>50	g	g	g	d	g	g	f	f	g	f	e	
Hull Marina	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Disused																								>50	32.96	>50	g	g	g	d	g	g	f	f	g	f	e	

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)										Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users			
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028															2029	2030	2031-2050
Hornsea Disposal Area 1	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open														44.64	38.10	>50	f	f	f	d	d	a	a	g	f	a	f
North Killinghome Cargo Haven	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed														>50	39.75	>50	g	g	g	d	g	g	f	f	g	f	e
Holme Channel Deep	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open														>50	40.64	>50	f	f	f	d	d	a	a	g	f	f	f
Stone Creek	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open														>50	40.66	>50	f	f	f	d	d	a	a	g	f	f	f
Foul Holm (Circular)	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed														>50	40.90	>50	g	g	g	d	g	g	f	f	g	f	e
Foul Holm Deposit	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed														>50	41.21	>50	g	g	g	d	g	g	f	f	g	f	e
Humber 3A	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open														>50	41.53	>50	f	f	f	d	d	a	a	g	f	f	f
Humber 3	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed														>50	41.75	>50	g	g	g	d	g	g	f	f	g	f	e
Redcliffe	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed														>50	43.02	>50	g	g	g	d	g	g	f	f	g	f	e
Sunk Dredge Channel A	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open														>50	43.39	>50	f	f	f	d	d	a	a	g	f	f	f
North Sunk	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed														>50	43.48	>50	g	g	g	d	g	g	f	f	g	f	e
Humber 1A	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open														>50	44.41	>50	f	f	f	d	d	a	a	g	f	f	f
Galahad Pipeline Route	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed														44.41	46.74	>50	g	g	g	d	g	g	f	f	g	f	e
New Sand Hole	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed														>50	45.53	46.99	g	g	g	d	g	g	f	f	g	f	e
Humber 2 Extension B	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed														>50	45.90	>50	g	g	g	d	g	g	f	f	g	f	e
Humber 2	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open														>50	45.91	>50	f	f	f	d	d	a	a	g	f	f	f
Humber 2 Extension A	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed														>50	45.92	>50	g	g	g	d	g	g	f	f	g	f	e
Spurn Head	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed														>50	45.93	>50	g	g	g	d	g	g	f	f	g	f	e
Humber 2 Extension C	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed														>50	46.17	>50	g	g	g	d	g	g	f	f	g	f	e
Pyewipe Channel	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open														>50	47.36	>50	f	f	f	d	d	a	a	g	f	f	f
Humber 1	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Closed														>50	49.71	>50	g	g	g	d	g	g	f	f	g	f	e
Bull Sand Fort	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open														>50	49.83	>50	f	f	f	d	d	a	a	g	g	f	f
Triton Knoll	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Disposal Site	Open														>50	49.98	>50	f	f	f	d	d	a	a	g	g	f	f

	In Planning/Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: Screened in to assessment.
	Potential cumulative impact exists: Screened in to assessment.
	No conceptual effect-receptor pathway: Screened out of assessment.
	Low data confidence: Screened out of assessment.
	No physical effect-receptor overlap: Screened out of assessment.
	No temporal overlap: Screened out of assessment.

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Ecology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029														
United Kingdom																													
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	Consented																									
Endurance CCS	The Crown Estate	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Area for Lease																									
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	Under Construction																									
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																									
Hornsea Three	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																									
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																									
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	Consented																									
Dogger Bank Creyke Beck A	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Consented																									
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																									
Dogger Bank Creyke Beck B	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Consented																									
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																									
Lincs	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active																									
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																									
Inner Dowsing	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active																									
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																									
Sofia	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Consented																									
Lynn	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active																									
Dogger Bank Teesside A	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Consented																									
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	Pre-planning Application																									
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	Pre-planning Application																									
Blyth Demonstration Site	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Consented																									

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)										Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users			
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028															2029	2030	2031-2039
Kentish Flats I	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active														276.33	277.51	290.21	f	f	f	g	c	a	a	f	f	f	f
Kentish Flats II	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Offshore Wind Farm	Active														277.24	278.22	290.25	f	f	f	g	c	a	a	f	f	f	f
Thanet Extension	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													275.87	278.37	279.02	f	f	f	g	c	c	g	f	g	f	f	
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													277.04	279.59	298.70	f	f	f	g	c	a	a	f	f	f	f	
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													378.30	368.41	374.28	f	f	f	g	c	a	a	f	f	f	f	
Dudgeon Extension	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													64.98	67.17	91.76	e	e	g	g	e	g	g	e	e	f	e	
Race Bank Extension	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													75.34	68.53	78.27	e	e	g	g	e	g	g	e	e	f	e	
Sheringham Shoal Extension	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													81.67	80.70	99.66	e	e	g	g	e	g	g	e	e	f	e	
Greater Gabbard Extension	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													217.99	221.17	247.38	e	e	g	g	e	g	g	e	e	f	e	
Galloper Extension	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													221.95	225.62	255.41	e	e	g	g	e	g	g	e	e	f	e	
Gwylt y Mor Extension	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													308.43	232.06	265.97	e	e	g	g	e	g	g	e	e	f	e	
Rampion Extension	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													383.38	371.12	377.56	e	e	g	g	e	g	g	e	e	f	e	
Seagreen Golf	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Planned													252.59	235.90	245.03	e	e	g	g	e	g	g	e	e	f	e	
Nearl na Gaoithe	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised													296.16	271.32	284.45	f	f	f	g	c	c	g	f	f	f	f	
Seagreen Foxtrot	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Planned													299.80	288.45	295.70	e	e	g	g	e	g	g	e	e	f	e	
Inch Cape	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised													311.89	291.43	303.06	f	f	f	g	c	c	g	f	g	f	f	
Seagreen Alpha	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised													312.11	295.09	304.91	f	f	f	g	c	c	g	f	g	f	f	
Seagreen Bravo	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised													312.11	295.09	304.91	f	f	f	g	c	c	g	f	g	f	f	
Methil (Samsung) Demo	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Operational													332.20	297.23	315.03	f	f	f	g	c	a	g	f	f	f	f	
Methil Demonstration Project - 2B Energy	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Planned													330.74	295.69	313.55	e	e	g	g	e	g	g	e	e	f	e	
EOWDC	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised													379.67	369.14	376.52	f	f	f	g	c	a	g	f	f	f	f	
Hywind 2 Demonstration	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised													381.06	379.01	383.20	f	f	f	g	c	a	g	f	f	f	f	
Moray West	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Planned													490.62	478.40	486.94	e	f	f	g	c	c	g	e	e	f	f	
Beatrice	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Under Construction													>500	489.40	497.77	f	f	f	g	c	c	g	f	g	f	f	
Moray East	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised													494.29	484.40	491.93	e	f	f	g	c	c	g	e	e	f	f	
Beatrice Demonstrator	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Operational													497.86	484.58	493.60	f	f	f	g	c	a	g	f	f	f	f	

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					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028															2029	2030	2031-2039
South Pembrokeshire Demonstration Zone	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Wave Energy Lease Area	Pre-planning Application														>500	430.84	459.60	e	e	g	g	e	g	g	e	e	f	e
Bardsey Sound	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Tidal Energy Lease Area	Pre-planning Application														409.15	333.20	365.93	e	e	g	g	e	g	g	e	e	f	e
Fair Head	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Tidal Energy Lease Area	Pre-planning Application														464.84	401.58	431.76	e	e	g	g	e	g	g	e	e	f	e
Holyhead Deep	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Tidal Energy Lease Area	Consented														387.21	310.90	344.88	e	e	g	g	e	g	g	e	e	f	e
Holyhead Deep 0.5MW Site	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Tidal Energy Lease Area	Consented														389.49	313.14	347.06	e	e	g	g	e	g	g	e	e	f	e
Perpetuus Tidal Energy Centre (PTEC)	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Tidal Energy Lease Area	Consented														418.30	391.30	402.78	e	e	g	g	e	g	g	e	e	f	e
Portland Bill	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Tidal Energy Lease Area	Pre-planning Application														463.24	421.18	483.02	e	e	g	g	e	g	g	e	e	f	e
Ramsey Sound	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Tidal Energy Lease Area	Active														492.11	418.54	449.12	f	f	f	g	d	a	a	f	f	f	f
SeaGen Strangford Lough	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Tidal Energy Lease Area	Active														421.23	350.30	383.32	f	f	f	g	d	a	a	f	f	f	f
Strangford Lough	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Tidal Energy Lease Area	Active														422.27	351.45	384.44	f	f	f	g	d	a	a	f	f	f	f
Strangford Lough Array	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Tidal Energy Lease Area	Pre-planning Application														420.34	349.22	382.31	e	e	g	g	e	g	g	e	e	f	e
Torr Head	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Tidal Energy Lease Area	Consented														460.73	397.33	427.56	e	e	g	g	e	g	g	e	e	f	e
West Anglesey Demonstration Zone	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Tidal Energy Lease Area	Pre-planning Application														382.24	305.92	339.88	e	e	g	g	e	g	g	e	e	f	e
Netherlands																															
2019 Tender I	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Planned														224.52	237.63	293.83	e	e	g	g	e	g	g	e	e	f	e
Borssele II	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														261.20	265.55	301.15	f	f	f	g	e	c	g	f	g	f	f
Buitengaats	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														284.63	303.94	363.59	e	e	g	g	e	g	g	e	e	f	e
Egmond aan Zee	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production														236.43	249.38	305.26	f	f	f	g	e	a	g	f	f	f	f
Gemini	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production														279.83	299.14	358.83	f	f	f	g	e	a	g	f	f	f	f
Luchterduinen	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Operational														254.37	264.64	315.93	f	f	f	g	e	a	g	f	f	f	f
Prinses Amalia	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production														230.55	242.93	298.00	f	f	f	g	e	a	g	f	f	f	f
Scheveningen Buiten	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														243.55	252.27	300.87	e	e	g	g	e	g	g	e	e	f	e
ZeeEnergie	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														273.20	292.49	352.23	e	e	g	g	e	g	g	e	e	f	e
Denmark																															
Horns Rev 1	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production														428.76	447.68	498.84	f	f	f	g	e	a	g	f	f	f	f
Horns Rev 2	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production														417.00	435.75	485.84	f	f	f	g	e	a	g	f	f	f	f
Belgium																															
Belwind I	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production														265.12	269.48	305.14	f	f	f	g	e	a	g	f	f	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)													Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users		
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031-2039																
Norther	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised															284.88	289.41	326.30	f	f	f	g	e	a	g	f	f	f	f	f
Northwind	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production															276.03	280.49	316.84	f	f	f	g	e	a	g	f	f	f	f	f
Rentel	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Under Construction															278.62	283.09	319.53	f	f	f	g	e	a	g	f	f	f	f	f
Seastar	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised															271.76	276.19	312.29	e	e	g	g	e	g	g	e	e	f	e	e
Thorntonbank	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production															283.56	288.05	323.70	f	f	f	g	e	a	g	f	f	f	f	f
THV Mermaid	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised															261.10	265.37	300.24	f	f	f	g	e	c	g	f	g	f	f	f
France																																	
Cole d'Albatre	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised															448.69	448.92	456.18	f	f	g	g	e	g	g	e	e	f	e	e
Germany																																	
Alpha Ventus	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Operational															324.35	343.62	403.44	f	f	f	g	e	a	g	f	f	f	f	f
Amrumbank West	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production															394.66	414.13	471.63	f	f	f	g	e	a	g	f	f	f	f	f
Bard Offshore 1	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production															282.47	301.93	360.24	f	f	f	g	e	a	g	f	f	f	f	f
Borkum Riffgrund I	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production															317.74	336.98	396.93	f	f	f	g	e	a	g	f	f	f	f	f
Borkum Riffgrund II	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised															313.28	332.51	392.50	f	f	f	g	e	c	g	f	g	f	f	f
Borkum Riffgrund West	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised															297.10	316.41	376.04	e	e	g	g	e	g	g	e	e	f	e	e
Borkum Riffgrund West II	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Planned															290.73	310.03	369.74	e	e	g	g	e	g	g	e	g	f	e	e
Butendiek	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production															410.18	429.49	483.94	f	f	f	g	e	a	g	f	f	f	f	f
DanTysk	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Operational															376.85	396.06	449.56	f	f	f	g	e	a	g	f	f	f	f	f
Delta Nordsee 1	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised															334.33	353.64	413.25	e	e	g	g	e	g	g	e	e	f	e	e
Demonstrationsprojekt Albatros 1	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised															309.58	329.04	385.79	e	e	g	g	e	g	g	e	e	f	e	e
Deutsche Bucht Pilot	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Planned															269.73	289.19	347.44	f	f	f	g	e	c	g	f	g	f	f	f
EnBW He Dreih	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised															295.31	314.77	372.95	e	e	g	g	e	g	g	e	e	f	e	e
EnBW Hohe See	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised															305.11	324.59	381.94	e	e	g	g	e	g	g	e	e	f	e	e
EnBW He Dreih (complementary application)	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised															295.85	315.32	373.18	e	e	g	g	e	g	g	e	e	f	e	e
GlobalTech I	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised															309.55	329.01	386.08	f	f	f	g	e	a	g	f	f	f	f	f
Gode Wind I	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Operational															347.12	366.44	426.05	f	f	f	g	e	a	g	f	f	f	f	f
Gode Wind II	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production															347.00	366.33	425.83	f	f	f	g	e	a	g	f	f	f	f	f

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					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028															2029	2030	2031-2039
Gode Wind III	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														352.21	371.50	431.21	f	f	f	g	e	a	g	f	f	f	f
H2-20	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Planned														238.15	252.96	283.83	e	e	g	g	e	g	g	e	e	f	e
Kaikas	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														298.12	317.56	374.03	e	e	g	g	e	g	g	e	e	f	e
Kaskasi I	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Planned														401.62	421.09	478.85	e	e	g	g	e	g	g	e	e	f	e
Kaskasi II	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Planned														394.42	413.89	471.50	e	e	g	g	e	g	g	e	e	f	e
Meerwind Sued/Ost	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Operational														393.32	412.77	471.09	f	f	f	g	e	a	g	f	f	f	f
Merkur Offshore	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Under Construction														318.40	337.68	397.48	e	e	g	g	e	g	g	e	e	f	e
Noerdlicher Grund	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														358.12	377.32	430.80	e	e	g	g	e	g	g	e	e	f	e
Noerdlicher Grund Teil Sandbank	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														358.80	377.94	430.87	e	e	g	g	e	g	g	e	e	f	e
Nordergrande	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production														427.00	446.16	>500	f	f	f	g	e	a	g	f	f	f	f
Nordpassage	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Planned														375.09	394.07	445.84	e	e	g	g	e	g	g	e	e	f	e
Nordsee One Offshore	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Under Construction														334.56	353.81	413.73	f	f	f	g	e	a	g	f	f	f	f
Nordsee Ost	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production														393.62	413.08	471.14	f	f	f	g	e	a	g	f	f	f	f
Nordsee Three	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														339.13	358.47	417.97	e	e	g	g	e	g	g	e	e	f	e
Nordsee Two	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														334.30	353.63	413.14	e	e	g	g	e	g	g	e	e	f	e
Notos	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Planned														301.70	321.16	378.20	e	e	g	g	e	g	g	e	e	f	e
OWP Albatross 1	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														301.46	320.92	377.94	e	e	g	g	e	g	g	e	e	f	e
OWP Delta Nordsee 2	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														334.32	353.64	413.21	e	e	g	g	e	g	g	e	e	f	e
OWP West	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														292.60	311.87	371.72	e	e	g	g	e	g	g	e	e	f	e
Riffgat	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production														317.22	336.05	396.99	f	f	f	g	e	a	g	f	f	f	f
Sandbank	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														359.38	378.48	431.17	e	e	g	g	e	g	g	e	e	f	e
Sandbank Extension	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Planned														358.40	377.50	430.19	e	e	g	g	e	g	g	e	e	f	e
Sandbank Plus (Sandbank Phase 2)	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														360.43	379.44	431.41	e	e	g	g	e	g	g	e	e	f	e
Sea Wind I	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Planned														310.16	329.62	386.43	e	e	g	g	e	g	g	e	e	f	e
Sea Wind II	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Planned														302.17	321.63	378.72	e	e	g	g	e	g	g	e	e	f	e
Trianel Borkum II	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised														312.57	331.90	391.45	e	e	g	g	e	g	g	e	e	f	e

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					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028															2029	2030
Trianel Windpark Borkum - Phase 1	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production													312.70	332.00	391.67	f	f	f	g	e	a	g	f	f	f	f
Veja Mate	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	Authorised													274.97	294.42	352.89	f	f	f	g	e	a	g	f	f	f	f
Ireland																														
Arklow Bank	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		Production													474.23	397.82	431.50	f	f	f	g	e	a	g	f	f	f	f

				Construction Period (red outline denotes the offshore construction period for Hornsea Four)																										
				2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031-2050	Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users
	In Planning/Consenting/Pre-Construction																													
	Construction																													
	Operation and Maintenance																													
	Decommissioning																													
United Kingdom																														
Fishing Rights	Industry information; Cefas	High - Third party details published in the public domain and confirmed as being 'accurate' by Cefas.														N/A	N/A	N/A	d	f	a	a	a	a	a	d	a	f	a	
Aquaculture	Industry information; Cefas	High - Third party details published in the public domain and confirmed as being 'accurate' by Cefas.	The majority of UK finfish aquaculture is located in Scotland, but it is increasing in England and Wales. Shellfish culture is more evenly spread around the UK.													>200	>200	>200	d	f	f	a	a	a	a	d	a	f	a	

	In Planning/Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: Screened in to assessment.
	Potential cumulative impact exists: Screened in to assessment.
	No conceptual effect-receptor pathway: Screened out of assessment.
	Low data confidence: Screened out of assessment.
	No physical effect-receptor overlap: Screened out of assessment.
	No temporal overlap: Screened out of assessment.

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					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031-2050																										
United Kingdom																																											
Viking Link	Viking Link	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Interconnector	Consented																									0.00	0.00	40.66	d	c	d	g	d	c	c	d	c	d	c	
Dogger Bank Creyke Beck A Export Cables	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Wind Farm Export	Consented																										25.13	0.00	8.46	d	c	d	g	d	c	c	d	c	d	c
Dogger Bank Creyke Beck B Export Cables	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Wind Farm Export	Consented																										25.13	0.00	8.46	d	c	d	g	d	c	c	d	c	d	c
Hornsea Project Two Export Cables	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Wind Farm Export	Consented																										0.00	8.51	>50	d	c	d	g	d	c	c	d	c	d	c
Hornsea Project One Export Cables	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Wind Farm Export	Under Construction																									12.03	21.88	>50	f	d	d	g	d	c	g	d	f	d	f	
Westernmost Rough Export Cables	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Wind Farm Export	Active																									>50	26.20	31.52	a	f	a	g	d	a	g	d	g	d	a	
Humber Gateway Export Cables	The Crown Estate	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	Wind Farm Export	Active																									>50	42.44	43.97	a	f	a	g	d	a	g	d	g	d	a	
Langede	EMODnet	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Pipeline operated by GASSCO AS	In Service																									27.57	0.00	0.00	a	a	a	g	d	a	a	d	g	d	a	
TGN Northern Europe	Kis Orca	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunications Cable	In Service																									43.06	13.81	26.66	a	a	a	g	d	a	a	d	g	d	a	
UK Germany 6	Kis Orca	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunications Cable	In Service																									39.07	16.43	31.37	a	f	a	g	d	a	a	d	g	d	a	
AMETHYST A2D TO EASINGTON	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									>50	36.92	39.45	a	f	a	g	d	a	g	d	g	d	a	
AMETHYST B1D TO AMETHYST A2D	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									>50	41.11	>50	a	f	a	g	d	a	g	d	g	d	a	
AMETHYST C1D TO AMETHYST A1D	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									>50	39.07	46.50	a	f	a	g	d	a	g	d	g	d	a	
ANN XM TO LOGGS PR	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE																									42.17	>50	>50	a	f	a	g	d	a	g	d	g	d	a	
ANNABEL TO AUDREY A	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE																									40.46	49.56	>50	g	g	g	g	g	g	g	d	g	d	e	
ANNABEL WELLS 1 & 2 TO ANNABEL MANIFOLD	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE																									40.40	49.57	>50	g	g	g	g	g	g	g	d	g	d	e	
APOLLO TO MINERVA	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									32.70	7.63	15.63	a	a	a	g	d	a	g	d	g	d	a	
AUDREY B TO ANNABEL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE																									40.46	49.58	>50	g	g	g	g	g	g	g	d	g	d	e	
AUDREY TO ENSIGN METHANOL LINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE																									45.51	>50	>50	a	f	a	g	d	a	g	d	g	d	a	
AUDREY XW TO ANN XM	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE																									42.14	>50	>50	g	g	g	g	g	g	g	d	g	d	e	
BABBAGE EXPORT	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PREMIER	ACTIVE																									4.46	0.64	>50	a	a	a	g	d	a	g	d	g	d	a	

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					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2039
BARQUE PB TO CLIPPER PT	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														37.88	41.42	>50	a	f	a	g	d	a	g	d	g	d	f
BARQUE PL TO CLIPPER PM	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														44.32	48.54	>50	a	f	a	g	d	a	g	d	g	d	f
BOULTON H HM TO MURDOCH MD GAS LINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														42.30	>50	>50	a	f	a	g	d	a	g	d	g	d	f
BOULTON H HM TO MURDOCH MD MEQH LINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														42.30	>50	>50	a	f	a	g	d	a	g	d	g	d	f
BOULTON H HM TO WATT QM UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														42.28	>50	>50	a	f	a	g	d	a	g	d	g	d	f
CARRACK QA TO CLIPPER PR	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														46.58	>50	>50	a	f	a	g	d	a	g	d	g	d	f
CAVENDISH EXPORT PIPELINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	INEOS UK SNS	ACTIVE														43.03	>50	>50	a	f	a	g	d	a	g	d	g	d	f
CAVENDISH FIBRE OPTIC CABLE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	INEOS UK SNS	ACTIVE														43.03	>50	>50	a	f	a	g	d	a	g	d	g	d	f
CAVENDISH METHANOL SUPPLY LINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	INEOS UK SNS	ACTIVE														43.03	>50	>50	a	f	a	g	d	a	g	d	g	d	f
CERES TO MERCURY EXPORT	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														40.89	20.83	27.19	a	f	a	g	d	a	g	d	g	d	f
CERES UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														40.84	23.44	34.38	a	f	a	g	d	a	g	d	g	d	f
CLEETON CP TO DIMLINGTON	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														20.27	0.00	12.22	a	a	a	g	d	a	g	d	g	d	f
CLEETON CP TO RAVENSPURN A	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														9.26	1.91	19.73	a	a	a	g	d	a	g	d	g	d	f
CLEETON TO MINERVA UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														20.21	0.00	15.60	a	a	a	g	d	a	g	d	g	d	f
CLEETON TO WHITTLE UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														20.21	2.07	8.11	a	a	a	g	d	a	g	d	g	d	f
CLIPPER PM TO BARQUE PL CABLE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														44.29	48.51	>50	a	f	a	g	d	a	g	d	g	d	f
CLIPPER PM TO BARQUE PL MEG LINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														44.32	48.54	>50	a	f	a	g	d	a	g	d	g	d	f
CLIPPER PR TO CARRACK QA	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														46.58	>50	>50	a	f	a	g	d	a	g	d	g	d	f
CYGNUS TO ETS GAS PIPELINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	NEPTUNE	ACTIVE														27.28	42.32	>50	a	f	a	g	d	a	g	d	g	d	f
EASINGTON TO ROUGH 47/3B	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	NOT IN USE														47.98	22.94	24.96	g	g	g	g	g	g	g	d	g	d	e
ENSIGN CONTROL & CI UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	NOT IN USE														43.67	48.81	>50	g	g	g	g	g	g	g	d	g	d	e
ENSIGN NPAI TO AUDREY WD GAS EXPORT	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														45.51	>50	>50	g	g	g	g	g	g	g	d	g	d	e
ENSIGN PRODUCTION PIPELINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	NOT IN USE														43.67	48.81	>50	g	g	g	g	g	g	g	d	g	d	e
ERIS TO MERCURY EXPORT	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														40.89	20.83	27.19	a	f	a	g	d	a	g	d	g	d	a
ERIS UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														43.96	20.82	27.17	a	f	a	g	d	a	g	d	g	d	a
ESMOND TO BACTON	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														1.81	20.46	>50	a	a	a	g	d	a	g	d	g	d	a

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users			
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2039	
ESMOND TO FORBES (PL255)	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	BHP	ABANDONED														44.96	>50	>50	g	g	g	g	g	g	g	g	d	g	d	e
ESMOND TO FORBES (PL261)	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	BHP	ABANDONED														44.96	>50	>50	g	g	g	g	g	g	g	g	d	g	d	e
ESMOND TO GORDON	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	BHP	ABANDONED														44.93	>50	>50	g	g	g	g	g	g	g	g	d	g	d	e
ESMOND TO GORDON BHP	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	BHP	ABANDONED														44.93	>50	>50	g	g	g	g	g	g	g	g	d	g	d	e
GALAHAD TEE TO MALORY	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														47.04	47.21	>50	a	f	a	g	d	a	g	d	g	d	a	
GALAHAD TO LANCELOT TEE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														45.22	47.12	>50	a	f	a	g	d	a	g	d	g	d	a	
GARROW EXPORT SPOOL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ALPHA PETROLEUM	ACTIVE														12.62	29.82	>50	a	a	a	g	d	a	g	d	g	d	a	
GARROW SERVICE SPOOL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ALPHA PETROLEUM	ACTIVE														12.62	29.82	>50	a	a	a	g	d	a	g	d	g	d	a	
GARROW TO KILMAR EXPORT SPOOL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ALPHA PETROLEUM	ACTIVE														6.92	25.72	42.75	a	a	a	g	d	a	g	d	g	d	a	
GARROW TO KILMAR SERVICE SPOOL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ALPHA PETROLEUM	ACTIVE														6.92	25.72	42.75	a	a	a	g	d	a	g	d	g	d	a	
HELVELLYN PIPELINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ALPHA PETROLEUM	ACTIVE														39.31	28.93	43.74	a	f	a	g	d	a	g	d	g	d	a	
HELVELLYN SPOOL PIECE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ALPHA PETROLEUM	ACTIVE														39.27	28.89	44.70	a	f	a	g	d	a	g	d	g	d	a	
HOTON CONTROL UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														21.07	18.32	>50	a	f	a	g	d	a	g	d	g	d	a	
HOTON PIPELINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														21.08	18.32	>50	a	f	a	g	d	a	g	d	g	d	a	
HUNTER TO RITA UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PREMIER	ACTIVE														47.69	>50	>50	a	f	a	g	d	a	g	d	g	d	a	
HYDE TO WEST SOLE BRAVO	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														25.36	19.83	47.83	a	f	a	g	d	a	g	d	g	d	a	
JFE PRODUCTION	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PREMIER	ACTIVE														0.00	2.79	>50	a	a	a	g	d	a	g	d	g	d	a	
JFE UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PREMIER	ACTIVE														0.00	2.82	>50	a	a	a	g	d	a	g	d	g	d	a	
JOHNSTON EXPORT	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PREMIER	ACTIVE														0.00	0.44	43.64	a	a	a	g	d	a	g	d	g	d	a	
JOHNSTON J5 EXPORT	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PREMIER	ACTIVE														0.00	2.82	>50	a	a	a	g	d	a	g	d	g	d	a	
JOHNSTON J5 METHANOL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PREMIER	ACTIVE														0.00	2.82	>50	a	a	a	g	d	a	g	d	g	d	a	
JOHNSTON METHANOL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PREMIER	ACTIVE														0.00	0.44	43.64	a	a	a	g	d	a	g	d	g	d	a	
JOHNSTON UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PREMIER	ACTIVE														0.00	0.39	43.66	a	a	a	g	d	a	g	d	g	d	a	
JULIET TO PICKERILL A GAS PIPELINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	NEPTUNE	ACTIVE														>50	>50	46.66	g	g	g	g	g	g	g	d	g	d	e	
JULIET TO PICKERILL A UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	NEPTUNE	ACTIVE														>50	>50	46.66	g	g	g	g	g	g	g	d	g	d	e	
KILMAR GAS EXPORT	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ALPHA PETROLEUM	ACTIVE														12.62	29.82	>50	a	a	a	g	d	a	g	d	g	d	a	

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users		
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2039
KILMAR SERVICE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ALPHA PETROLEUM	ACTIVE														12.62	29.82	>50	a	a	a	g	d	a	g	d	g	d	a
KILMAR TO KILMAR GAS EXPORT SPOOL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ALPHA PETROLEUM	ACTIVE														12.62	29.82	>50	a	a	a	g	d	a	g	d	g	d	a
KILMAR TO KILMAR SERVICE SPOOL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ALPHA PETROLEUM	ACTIVE														12.62	29.82	>50	a	a	a	g	d	a	g	d	g	d	a
KILMAR TO TRENT GAS EXPORT SPOOL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ALPHA PETROLEUM	ACTIVE														26.37	41.54	>50	a	f	a	g	d	a	g	d	g	d	a
KILMAR TO TRENT SERVICE SPOOL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ALPHA PETROLEUM	ACTIVE														26.37	41.54	>50	a	f	a	g	d	a	g	d	g	d	a
LANCELOT TO GALAHAD	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														45.22	47.12	>50	a	f	a	g	d	a	g	d	g	d	a
LANGELED PIPELINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	GASSCO	ACTIVE														27.61	0.00	0.00	a	a	a	g	d	a	g	d	g	d	a
LOGGS PR TO SATURN ND	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														35.38	45.15	>50	a	f	a	g	d	a	g	d	g	d	a
M1 TO MINERVA	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														32.67	7.60	15.63	a	a	a	g	d	a	g	d	g	d	a
M5 TO MINERVA	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	NOT IN USE														32.46	4.55	11.17	g	g	g	g	g	g	g	d	g	d	e
MALORY TO GALAHAD TEE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														47.04	47.21	>50	a	f	a	g	d	a	g	d	g	d	a
MERCURY TO NEPTUNE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														20.80	2.25	24.79	a	a	a	g	d	a	g	d	g	d	a
MIMAS TO SATURN	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	PRECOMMISSION														27.03	32.88	>50	g	g	g	g	g	g	g	d	g	d	e
MINERVA TO APOLLO UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														32.71	7.63	15.63	a	a	a	g	d	a	g	d	g	d	a
MINERVA TO CLEETON GAS EXPORT	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														19.96	0.00	15.62	a	a	a	g	d	a	g	d	g	d	a
MINERVA TO CLEETON PIGGY	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														19.96	0.00	15.62	a	a	a	g	d	a	g	d	g	d	a
MINERVA TO M1 UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														32.64	7.58	15.63	a	a	a	g	d	a	g	d	g	d	a
MINERVA TO M5 UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	NOT IN USE														32.43	4.43	11.05	a	a	a	g	d	a	g	d	g	d	a
MURDOCH MD TO BOULTON BM GAS LINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														45.52	>50	>50	a	f	a	g	d	a	g	d	g	d	a
MURDOCH MD TO BOULTON BM MEOH LINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														45.52	>50	>50	a	f	a	g	d	a	g	d	g	d	a
NEPTUNE TO CLEETON PIPELINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														19.75	0.00	19.86	a	a	a	g	d	a	g	d	g	d	a
NEPTUNE TO MERCURY	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														20.77	2.23	24.76	a	a	a	g	d	a	g	d	g	d	a
NEWSHAM TO WEST SOLE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														28.59	27.15	>50	a	f	a	g	d	a	g	d	g	d	a
PICKERALL A TO THEDDLETHORPE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														>50	47.45	>50	g	g	g	g	g	g	g	d	g	d	e
PICKERILL A TO PICKERILL B	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														49.68	47.44	>50	g	g	g	g	g	g	g	d	g	d	e
RAVENSPURN B SPUR	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														9.70	4.96	30.62	a	a	a	g	d	a	g	d	g	d	a

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					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028															2029	2030	2031-2039
RAVENSPURN C SPUR	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														11.96	6.36	25.65	a	a	a	g	d	a	g	d	g	d	a
RAVENSPURN NORTH EXPORT LINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														3.14	0.39	19.75	a	a	a	g	d	a	g	d	g	d	a
RAVENSPURN NORTH ST-2 INFIELD	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														3.13	0.43	39.41	a	a	a	g	d	a	g	d	g	d	a
RAVENSPURN NORTH ST3 TO RNCP	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														3.09	0.40	31.49	a	a	a	g	d	a	g	d	g	d	a
RITA TO HUNTER EXPORT	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PREMIER	ACTIVE														47.69	>50	>50	a	f	a	g	d	a	g	d	g	d	a
ROSE CONTROL UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ABANDONED														42.99	35.36	>50	g		g	g	g	g	g	d	g	d	e
ROSE PIPELINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ABANDONED														43.00	35.37	>50	g		g	g	g	g	g	d	g	d	e
ROUGH 47/3B IMPORT/EXPORT	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														48.57	22.10	23.87	a	f	a	g	d	a	g	d	g	d	a
ROUGH 47/8A EXPORT	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														47.91	22.18	23.98	a	f	a	g	d	a	g	d	g	d	a
SATURN ND TO LOGGS PR	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														35.38	45.15	>50	a	f	a	g	d	a	g	d	g	d	a
SATURN TEE TO TETHYS	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														47.97	>50	>50	a	f	a	g	d	a	g	d	g	d	a
SATURN TO MIMAS	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	PRECOMMISSION														27.03	32.88	>50	g	g	g	g	g	g	g	d	g	d	e
SCHOONER TO MURDOCH GAS LINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	FAROE PETROLEUM	NOT IN USE														28.91	48.38	>50	g	g	g	g	g	g	g	d	g	d	e
SCHOONER TO MURDOCH METH	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	FAROE PETROLEUM	NOT IN USE														28.91	48.38	>50	g	g	g	g	g	g	g	d	g	d	e
SEVEN SEAS - NEWSHAM CONTROL UMB	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														23.22	24.50	>50	a	f	a	g	d	a	g	d	g	d	a
SEVEN SEAS - NEWSHAM GAS EXPORT	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														23.21	24.48	>50	a	f	a	g	d	a	g	d	g	d	a
SHEARWATER TO BACTON (SEAL)	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														0.00	5.92	>50	a	a	a	g	d	a	g	d	g	d	a
TETHYS TO SATURN TEE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														47.97	>50	>50	a	f	a	g	d	a	g	d	g	d	a
THEDDLETHORPE TO MURDOCH MD	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														0.86	14.18	>50	a	a	a	g	d	a	g	d	g	d	a
THEDDLETHORPE TO MURDOCH MD MEOH LINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														0.84	14.16	>50	a	a	a	g	d	a	g	d	g	d	a
TOPAZ TO SCHOONER GAS EXPORT	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	INEOS UK SNS	ACTIVE														28.91	48.38	>50	g	g	g	g	g	g	g	d	g	d	e
TOPAZ TO SCHOONER UMB	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	INEOS UK SNS	ACTIVE														28.81	48.28	>50	g	g	g	g	g	g	g	d	g	d	e
TYNE TO TRENT (PL1220/PL1221)	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														26.42	41.59	>50	g	g	g	g	g	g	g	d	g	d	e
WEST SOLE E TO WEST SOLE B	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	NOT IN USE														31.94	28.33	>50	g	g	g	g	g	g	g	d	g	d	e
WEST SOLE TO EASINGTON 16IN GAS LINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														31.87	25.70	36.88	a	f	a	g	d	a	g	d	g	d	a
WEST SOLE TO EASINGTON 24IN GAS LINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														31.98	25.78	37.02	a	f	a	g	d	a	g	d	g	d	a

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users		
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2050
WEST SOLE WB TO WEST SOLE WC	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														29.47	25.43	>50	a	f	a	g	d	a	g	d	g	d	a
WHITTLE TO CLEETON	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														20.11	2.07	8.13	a	a	a	g	d	a	g	d	g	d	a
WHITTLE TO WOLLASTON UMBILICAL	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														26.71	4.46	4.48	a	a	a	g	d	a	g	d	g	d	a
WOLLASTON TO WHITTLE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														26.69	4.51	4.52	a	a	a	g	d	a	g	d	g	d	a
YORK METHANOL PIPELINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														45.49	16.73	18.25	a	f	a	g	d	a	g	d	g	d	a
YORK PRODUCTION PIPELINE	EAB	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														45.49	16.73	18.25	a	f	a	g	d	a	g	d	g	d	a

In Planning/Consenting/Pre-Construction
Construction
Operation and Maintenance
Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment. Screened in to assessment.
c	Potential cumulative impact exists: Screened in to assessment.
d	No conceptual effect-receptor pathway: Screened out of assessment.
e	Low data confidence: Screened out of assessment.
f	No physical effect-receptor overlap: Screened out of assessment.
g	No temporal overlap: Screened out of assessment.

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals (seismic surveys are considered separately)	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascope and Visual Resources	Infrastructure and Other Users														
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2050												
United Kingdom																																											
RAVENSPURN NORTH CCW	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																							2.95	0.39	44.22	a	a	a	a	d	g	b	a	a	a	a	a		
RAVENSPURN NORTH CC	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									3.05	0.42	44.14	a	a	a	a	d	g	b	a	a	a	a	a
RAVENSPURN NORTH ST2	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									4.16	4.65	39.47	a	a	a	a	d	g	b	a	a	a	a	a
BABBAGE	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PREMIER	ACTIVE																									4.31	0.48	52.87	a	a	a	a	d	g	b	a	a	a	a	a
GARROW NUI	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ALPHA PETROLEUM	ACTIVE																									6.96	26.73	42.76	a	a	a	a	d	g	b	a	a	a	a	a
RAVENSPURN NORTH ST3	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									7.95	6.69	31.55	a	a	a	a	d	g	b	a	a	a	a	a
RAVENSPURN SOUTH A	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									9.25	2.69	35.33	a	a	a	a	d	g	b	a	a	a	a	a
RAVENSPURN SOUTH B	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									9.69	5.02	30.65	a	a	a	a	d	g	b	a	a	a	a	a
RAVENSPURN SOUTH C	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									11.95	6.42	25.69	a	a	a	a	d	g	b	a	a	a	a	a
KILMAR NUI	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									12.65	29.86	63.56	a	a	a	a	d	g	b	a	a	a	a	a
CLEETON CC	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									20.19	2.02	19.80	a	a	a	a	d	g	b	a	a	a	a	a
CLEETON WLTR	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									20.20	2.07	19.76	a	a	a	a	d	g	b	a	a	a	a	a
CLEETON PQ	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									20.24	2.03	19.75	a	a	a	a	d	g	b	a	a	a	a	a
NEPTUNE	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									20.77	2.24	24.89	a	a	a	a	d	g	b	a	a	a	a	a
HOTON	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									21.07	18.31	58.12	f	f	a	a	d	g	g	f	f	a	a	a
HYDE	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									25.39	19.84	47.83	f	f	a	a	d	g	g	f	f	a	a	a
TRENT	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									26.36	41.52	83.81	f	f	a	a	d	g	g	f	f	a	a	a
48/9A MIMAS	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	PRECOMMISSION																									27.02	32.86	89.88	g	g	g	a	e	g	g	f	f	a	e	e
MIMAS MN	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE																									27.02	32.86	89.88	f	f	a	a	d	g	g	f	f	a	a	a
SCHOONER A	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	FAROE PETROLEUM	NOT IN USE																									28.97	48.44	107.69	g	g	g	a	g	g	g	f	f	a	e	e
WEST SOLE C	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									29.47	25.43	54.15	f	f	a	a	d	g	g	f	f	a	a	a
WEST SOLE B	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE																									31.97	28.36	58.50	f	f	a	a	d	g	g	f	f	a	a	a

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					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029														
MINERVA	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE															a	a	a	a	d	g	b	a	a	a	a
WEST SOLE PP	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
WEST SOLE A (8 LEG)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
WEST SOLE A (6 LEG)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
WEST SOLE SP	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
SATURN ND	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE															g	g	g	a	g	g	g	f	f	a	e
BARQUE PB	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
BOULTON	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
BARQUE PL	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
GALAHAD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
CAVENDISH	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	INEOS UK SNS	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
ENSGN PLATFORM	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	PRECOMMISSION															g	g	g	a	e	g	g	f	f	a	e
ENSGN	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	PROPOSED															g	g	g	a	e	g	g	f	f	a	e
MALORY	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
49/11B TETHYS	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	PRECOMMISSION															g	g	g	a	e	g	g	f	f	a	e
ROUGH AP	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
ROUGH AD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
ROUGH CD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
ROUGH BP	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
ROUGH BD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE															f	f	a	a	d	g	g	f	f	a	a
PICKERILL A	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE															g	g	g	a	g	g	g	f	f	f	e
PICKERILL B	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE															g	g	g	a	g	g	g	f	f	f	e
AMETHYST A2D	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE															f	f	a	a	d	g	g	f	f	f	a
BREAGH ALPHA	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	INEOS UK SNS	ACTIVE															f	f	a	a	d	g	g	f	f	f	a
MURDOCH ACCOMMODATION	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE															f	f	a	a	d	g	g	f	f	f	a
MURDOCH COMPRESSION	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE															f	f	a	a	d	g	g	f	f	f	a

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					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2050
MURDOCH DRILLING	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														53.12	71.46	125.28	f	f	a	a	d	g	g	f	f	f	a
AUDREY B (XW)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														53.18	60.60	114.89	g	g	g	a	g	g	g	f	f	f	e
GALLEON PG	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														53.22	58.18	107.92	f	f	a	a	d	g	g	f	f	f	a
AMETHYST B1D	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														54.30	47.12	61.92	f	f	a	a	d	g	g	f	f	f	a
EXCALIBER EA	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														54.35	56.16	88.84	f	f	a	a	d	g	g	f	f	f	a
AMETHYST A1D	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														54.64	42.19	52.56	f	f	a	a	d	g	g	f	f	f	a
KETCH	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	FAROE PETROLEUM	NOT IN USE														55.55	74.96	134.68	g	g	g	a	g	g	g	f	f	f	e
AMETHYST C1D	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														56.86	39.03	46.46	a	a	a	a	d	g	g	f	f	f	a
CAISTER	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														57.13	76.27	132.63	f	f	a	a	d	g	g	f	f	f	a
FRIGATE EXTENSION	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	PROPOSED														57.17	62.11	111.31	g	g	g	a	d	g	g	f	f	f	e
AUDREY A (WD)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														57.27	64.92	119.01	g	g	g	a	d	g	g	f	f	f	e
CLIPPER PW	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														57.70	62.11	108.19	f	f	a	a	d	g	g	f	f	f	a
CLIPPER PH	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														57.78	62.18	108.19	f	f	a	a	d	g	g	f	f	f	a
CLIPPER PT	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														57.81	62.21	108.27	f	f	a	a	d	g	g	f	f	f	a
CLIPPER PC	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														57.81	62.22	108.32	f	f	a	a	d	g	g	f	f	f	a
CLIPPER PM	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														57.85	62.26	108.36	f	f	a	a	d	g	g	f	f	f	a
CLIPPER PR	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														57.90	62.31	108.42	f	f	a	a	d	g	g	f	f	f	a
LANCELOT A	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														60.24	62.32	94.77	f	f	a	a	d	g	g	f	f	f	a
GUINEVERE A	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														60.60	61.64	90.07	g	g	g	a	g	g	g	f	f	f	e
GALLEON PN	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														62.61	67.81	118.06	f	f	a	a	d	g	g	f	f	f	a
SKIFF	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														62.83	67.87	117.08	f	f	a	a	d	g	g	f	f	f	a
WENLOCK NUI	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ALPHA PETROLEUM	ACTIVE														63.14	75.32	133.25	f	f	a	a	d	g	g	f	f	f	a
MUNRO MH	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														64.03	80.35	128.00	f	f	a	a	d	g	g	f	f	f	a
CLIPPER SOUTH	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	INEOS UK SNS	ACTIVE														64.72	69.19	114.79	f	f	a	a	d	g	g	f	f	f	a
VIKING KILO DRILLING	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														65.34	75.65	131.75	g	g	g	a	g	g	g	f	f	f	e
VAMPIRE	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														65.56	72.38	124.76	f	f	a	a	d	g	g	f	f	f	a
44/23A KELVIN TM	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	PRECOMMISSION														65.62	83.87	136.61	g	g	g	a	e	g	g	f	f	f	e

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals (seismic surveys are considered separately)	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users		
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2050
VIKING ALPHA RISER	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														66.16	76.94	133.45	g	g	g	a	g	g	g	f	f	f	e
ANGLIA A	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ITHACA	ACTIVE														66.17	69.91	110.90	f	f	a	a	d	g	g	f	f	f	a
ANGLIA YD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														66.17	69.91	110.90	f	f	a	a	d	g	g	f	f	f	a
WAVENEY	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														67.05	68.55	96.77	f	f	a	a	d	g	g	f	f	f	a
VIKING LIMA DRILLING	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														70.59	80.12	135.09	g	g	g	a	g	g	g	f	f	f	e
VIKING ECHO DRILLING	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														71.98	79.89	132.96	g	g	g	a	g	g	g	f	f	f	e
VIKING ED	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														71.98	79.89	132.96	g	g	g	a	g	g	g	f	f	f	e
VIKING HOTEL DRILLING	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														72.22	83.11	139.41	g	g	g	a	g	g	g	f	f	f	e
LOGGS RISER	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														72.37	77.61	127.28	g	g	g	a	g	g	g	f	f	f	e
WINGATE PLATFORM	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WINTERSHALL	ACTIVE														72.42	91.13	145.15	f	f	a	a	d	g	g	f	f	f	a
LOGGS COMPRESSION	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														72.43	77.67	127.35	g	g	g	a	g	g	g	f	f	f	e
LOGGS PRODUCTION	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														72.50	77.74	127.41	g	g	g	a	g	g	g	f	f	f	a
NORTH VALIANT 1	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														72.50	77.74	127.44	f	f	a	a	d	g	g	f	f	f	a
LOGGS ACCOMMODATION	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														72.56	77.80	127.47	g	g	g	a	g	g	g	f	f	f	e
CHISWICK PLATFORM	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														72.66	91.52	152.47	f	f	a	a	d	g	g	f	f	f	a
CUTTER	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														73.06	89.10	149.70	f	f	a	a	d	g	g	f	f	f	a
TYNE	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														73.52	90.67	139.71	g	g	g	a	g	g	g	f	f	f	e
VIKING GOLF DRILLING	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														74.00	83.36	137.94	g	g	g	a	g	g	g	f	f	f	e
CYGNUS B (BWHP)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	NEPTUNE	ACTIVE														74.20	88.85	128.61	f	f	a	a	d	g	g	f	f	f	a
CYGNUS A (AUQ)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	NEPTUNE	ACTIVE														75.19	90.11	132.60	f	f	a	a	d	g	g	f	f	f	a
CYGNUS A (APU)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	NEPTUNE	ACTIVE														75.28	90.21	132.70	f	f	a	a	d	g	g	f	f	f	a
CYGNUS A (AWHP)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	NEPTUNE	ACTIVE														75.38	90.31	132.80	f	f	a	a	d	g	g	f	f	f	a
VANGUARD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														76.32	82.89	133.95	f	f	a	a	d	g	g	f	f	f	a
VISCOUNT	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														76.51	83.70	135.52	f	f	a	a	d	g	g	f	f	f	a
WINDERMERE PLATFORM	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	INEOS UK SNS	ACTIVE														76.53	94.53	155.84	f	f	a	a	d	g	g	f	f	f	a
VIKING BRAVO ACCOMMODATION	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														76.71	86.89	142.22	g	g	g	a	g	g	g	f	f	f	e
NORTH VALIANT 2	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														76.76	82.07	131.45	f	f	a	a	d	g	g	f	f	f	e

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)												Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals (telemetry surveys are considered separately)	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users	
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030															2031-2050
VIKING BRAVO COMPRESSION	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														76.81	87.00	142.33	f	f	a	a	d	g	g	f	f	f	a
VIKING BRAVO PRODUCTION	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														76.88	87.06	142.39	g	g	g	a	g	g	g	f	f	f	e
VIKING BRAVO DRILLING	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														76.95	87.13	142.44	g	g	g	a	g	g	g	f	f	f	e
EASINGTON/DIMLINGTON GAS TERMINAL	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	UNKNOWN	ACTIVE														77.81	41.10	45.86	a	a	a	a	d	g	g	f	f	f	a
KATY KT	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	PRECOMMISSION														79.68	97.86	149.68	g	g	g	a	e	g	g	f	f	f	e
VIKING DELTA DRILLING	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														79.92	90.62	146.36	g	g	g	a	g	g	g	f	f	f	e
VIKING CHARLIE DRILLING	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														80.77	91.03	146.24	g	g	g	a	g	g	g	f	f	f	e
SOUTH VALIANT	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														82.09	87.72	137.00	f	f	a	a	d	g	g	f	f	f	a
ST-1 PLATFORM	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														82.40	100.61	161.91	f	f	a	a	d	g	g	f	f	f	a
VULCAN 2	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														84.53	89.30	134.84	f	f	a	a	d	g	g	f	f	f	a
JUPITER GANYMEDE	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														85.32	92.76	144.26	f	f	a	a	d	g	g	f	f	f	a
GANYMEDE ZD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														85.32	92.76	144.26	f	f	a	a	d	g	g	f	f	f	a
GROVE PLATFORM	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														85.84	102.82	163.84	f	f	a	a	d	g	g	f	f	f	a
VULCAN 1	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														87.06	91.96	138.25	f	f	a	a	d	g	g	f	f	f	a
J6A / J6A-CT PLATFORMS	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SPIRIT ENERGY	ACTIVE														87.76	105.89	167.20	f	f	a	a	d	g	g	f	f	f	a
VICTOR JULIET DRILLING	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														89.10	97.94	151.00	g	g	g	a	g	g	g	f	f	f	e
CARRACK QA	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														89.23	104.42	164.27	f	f	a	a	d	g	g	f	f	f	a
INDE BP	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														89.62	100.75	156.56	f	f	a	a	d	g	g	f	f	f	a
INDE BD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														89.64	100.75	156.55	f	f	a	a	d	g	g	f	f	f	a
D15-FA1	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	NEPTUNE	ACTIVE														91.32	110.41	165.49	f	f	a	a	d	g	g	f	f	f	a
BRIGANTINE BR	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														93.56	106.55	164.29	f	f	a	a	d	g	g	f	f	f	a
INDE AP	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														94.00	105.09	160.72	f	f	a	a	d	g	g	f	f	f	a
INDE AD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														94.02	105.10	160.71	f	f	a	a	d	g	g	f	f	f	a
BRIGANTINE BG	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														94.68	106.89	163.77	f	f	a	a	d	g	g	f	f	f	a
EUROPA	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														94.73	101.93	152.45	f	f	a	a	d	g	g	f	f	f	a
INDE D	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														96.54	106.31	160.21	f	f	a	a	d	g	g	f	f	f	a
THEDOLETHORPE GAS TERMINAL	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	UNKNOWN	ACTIVE														96.68	75.17	77.31	f	f	a	a	d	g	g	f	f	f	a

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals (pelagic surveys are considered separately)	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users		
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2050
48/29C	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENI	ACTIVE														97.18	100.92	138.13	f	f	a	a	d	g	g	f	f	f	a
INDE AQ	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														97.56	108.22	163.20	f	f	a	a	d	g	g	f	f	f	a
INDE AC	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														97.66	108.30	163.24	f	f	a	a	d	g	g	f	f	f	a
INDE AT	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														97.68	108.31	163.23	f	f	a	a	d	g	g	f	f	f	a
INDE CP	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														98.73	109.12	163.72	f	f	a	a	d	g	g	f	f	f	a
INDE CD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														98.78	109.16	163.75	f	f	a	a	d	g	g	f	f	f	a
48/29B	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENI	ACTIVE														100.89	104.27	138.62	f	f	a	a	d	g	g	f	f	f	a
LEMAN F	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														102.29	107.00	150.84	f	f	a	a	d	g	g	f	f	f	a
LEMAN G (SHELL)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														102.39	107.21	151.92	f	f	a	a	d	g	g	f	f	f	a
LUCY - SMALLFOOT	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	PROPOSED														103.27	117.73	176.77	f	f	a	a	e	g	g	f	f	f	e
SHAMROCK QS	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														103.28	117.73	176.77	f	f	a	a	d	g	g	f	f	f	a
CARAVEL QR	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														104.66	118.55	177.01	f	f	a	a	d	g	g	f	f	f	a
BESSEMER A	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														105.69	114.16	165.88	f	f	a	a	d	g	g	f	f	f	a
LEMAN AC (SHELL)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														105.86	110.70	155.30	f	f	a	a	d	g	g	f	f	f	a
LEMAN AK	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														105.87	110.70	155.28	f	f	a	a	d	g	g	f	f	f	a
LEMAN AD1	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														105.92	110.74	155.29	f	f	a	a	d	g	g	f	f	f	a
LEMAN AP (SHELL)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														105.92	110.75	155.32	f	f	a	a	d	g	g	f	f	f	a
LEMAN AD2	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														105.92	110.76	155.34	f	f	a	a	d	g	g	f	f	f	a
LEMAN CD (SHELL)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														106.19	111.11	156.34	f	f	a	a	d	g	g	f	f	f	a
LEMAN CP (SHELL)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														106.19	111.11	156.37	f	f	a	a	d	g	g	f	f	f	a
48/29A-Q	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENI	ACTIVE														106.28	110.01	146.38	f	f	a	a	d	g	g	f	f	f	a
48/29A-P	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENI	ACTIVE														106.28	110.00	146.33	f	f	a	a	d	g	g	f	f	f	a
48/29A-FTP	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENI	ACTIVE														106.33	110.06	146.36	f	f	a	a	d	g	g	f	f	f	a
CORVETTE	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														107.69	117.63	171.32	f	f	a	a	d	g	g	f	f	f	a
LEMAN BT (SHELL)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														108.28	113.21	158.44	f	f	a	a	d	g	g	f	f	f	a
LEMAN BD (SHELL)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														108.90	113.83	159.03	f	f	a	a	d	g	g	f	f	f	a
LEMAN BP (SHELL)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														108.91	113.84	159.06	f	f	a	a	d	g	g	f	f	f	a

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)													Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals (pelagic surveys are considered separately)	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031-2050														
52/5A	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENI	ACTIVE														109.09	112.96	150.10	f	f	a	a	d	g	g	f	f	f	a
LEMAN EP	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														111.22	116.18	161.48	f	f	a	a	d	g	g	f	f	f	a
LEMAN ED	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														111.23	116.19	161.47	f	f	a	a	d	g	g	f	f	f	a
LEMAN E	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														111.36	116.25	161.00	f	f	a	a	d	g	g	f	f	f	a
LEMAN AX	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														112.51	117.51	163.05	f	f	a	a	d	g	g	f	f	f	a
LEMAN AQ	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														112.54	117.54	163.10	f	f	a	a	d	g	g	f	f	f	a
LEMAN AC	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														112.56	117.56	163.10	f	f	a	a	d	g	g	f	f	f	a
LEMAN AP (PERENCO)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														112.58	117.57	163.09	f	f	a	a	d	g	g	f	f	f	a
LEMAN AD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														112.59	117.59	163.09	f	f	a	a	d	g	g	f	f	f	a
LEMAN J	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														114.27	119.20	164.04	f	f	a	a	d	g	g	f	f	f	a
LEMAN BT (PERENCO)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														114.32	119.56	165.82	f	f	a	a	d	g	g	f	f	f	a
LEMAN BP (PERENCO)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														114.35	119.59	165.82	f	f	a	a	d	g	g	f	f	f	a
LEMAN BD (PERENCO)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														114.39	119.61	165.83	f	f	a	a	d	g	g	f	f	f	a
LEMAN D	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	SHELL	ACTIVE														115.63	120.43	164.27	f	f	a	a	d	g	g	f	f	f	a
LEMAN CP (PERENCO)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														116.00	121.00	166.33	f	f	a	a	d	g	g	f	f	f	a
LEMAN CD (PERENCO)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														116.03	121.03	166.33	f	f	a	a	d	g	g	f	f	f	a
LEMAN FP	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														116.18	121.63	168.10	f	f	a	a	d	g	g	f	f	f	a
LEMAN FD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														116.20	121.63	168.08	f	f	a	a	d	g	g	f	f	f	a
SEAN RD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ONER	ACTIVE														116.81	128.10	183.26	f	f	a	a	d	g	g	f	f	f	a
LEMAN H	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														116.95	121.81	166.04	f	f	a	a	d	g	g	f	f	f	a
LEMAN G (PERENCO)	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														118.29	124.32	171.64	f	f	a	a	d	g	g	f	f	f	a
THAMES A	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														118.67	126.53	176.76	f	f	a	a	d	g	g	f	f	f	a
THAMES AR	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														118.75	126.62	176.86	f	f	a	a	d	g	g	f	f	f	a
LEMAN DP	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														119.26	124.75	171.13	f	f	a	a	d	g	g	f	f	f	a
LEMAN DD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														119.28	124.77	171.12	f	f	a	a	d	g	g	f	f	f	a
SURFACE MOORING BUOY 2	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ONER	ACTIVE														119.94	130.74	185.17	f	f	a	a	d	g	g	f	f	f	a
SURFACE MOORING BUOY 1	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ONER	ACTIVE														119.98	131.15	186.09	f	f	a	a	d	g	g	f	f	f	a

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals (telemetry surveys are considered separately)	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users		
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2050
SEAN PD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ONER	ACTIVE														121.40	132.53	187.37	f	f	a	a	d	g	g	f	f	f	a
SEAN PP	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ONER	ACTIVE														121.40	132.52	187.34	f	f	a	a	d	g	g	f	f	f	a
BACTON GAS TERMINAL	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	UNKNOWN	ACTIVE														121.52	123.97	149.29	f	f	a	a	d	g	g	f	f	f	a
BOOSTER PLATFORM 36/22A NORPIPE A.S	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														128.44	134.73	134.74	f	f	a	a	d	g	g	f	f	f	a
DAVY A	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PERENCO	ACTIVE														138.85	148.49	>200	f	f	a	a	d	g	g	f	f	f	a
TEESSIDE TERMINAL	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	UNKNOWN	ACTIVE														140.16	87.71	110.95	f	f	a	a	d	g	g	f	f	f	a
TEESSIDE OIL STORAGE DEPOT	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	UNKNOWN	ACTIVE														145.67	92.68	116.34	f	f	a	a	d	g	g	f	f	f	a
BOOSTER PLATFORM 37/4A NORPIPE A.S	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	CONOCOPHILLIPS	ACTIVE														190.37	>200	>200	f	f	a	a	d	g	g	f	f	f	a
ENQUEST PRODUCER	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENQUEST HEATHER	PRECOMMISSION														>200	>200	>200	g	g	g	a	e	g	g	f	f	f	e
AUK A	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	REPSOL SINOPEC	ACTIVE														>200	>200	>200	f	f	a	a	d	g	g	f	f	f	a
CLYDE	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	REPSOL SINOPEC	ACTIVE														>200	>200	>200	f	f	a	a	d	g	g	f	f	f	a
FULMAR AD	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	REPSOL SINOPEC	ACTIVE														>200	>200	>200	f	f	a	a	d	g	g	f	f	f	a
FULMAR A	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	REPSOL SINOPEC	ACTIVE														>200	>200	>200	f	f	a	a	d	g	g	f	f	f	a
BARROW-IN-FURNESS GAS TERMINAL	Oil and Gas Authority	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	UNKNOWN	ACTIVE														>200	194.66	>200	f	f	a	a	d	g	g	f	f	f	a
Netherlands																															
D18a-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														78.53	98.01	155.89	f	f	a	a	d	g	g	f	f	f	a
Markham	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Centrica Production Nederland B.V.	producing														83.31	101.78	163.03	g	g	g	a	g	g	g	f	f	f	e
D12-B	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	undeveloped, production start unknown														85.69	104.17	156.64	g	g	g	a	e	g	g	f	f	f	e
D12-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	producing														86.17	105.09	159.45	f	f	a	a	d	g	g	f	f	f	a
K01-A Unit	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														87.16	105.80	166.96	f	f	a	a	d	g	g	f	f	f	a
J03-C Unit	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														87.18	105.50	166.80	f	f	a	a	d	g	g	f	f	f	a
D15-A-104	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	production ceased														88.76	107.85	162.93	g	g	g	a	g	g	g	f	f	f	e
D15 Tourmaline	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	undeveloped, production start expected within 5 years														89.46	108.68	164.51	f	f	e	a	d	g	g	f	f	f	a
D15-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														90.06	109.18	164.05	f	f	a	a	d	g	g	f	f	f	a
K04a-D	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														91.28	109.33	170.64	f	f	a	a	d	g	g	f	f	f	a
D12 Ilmenite	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	undeveloped, production start unknown														95.43	113.37	163.63	g	g	g	a	e	g	g	f	f	f	e
K04a-Z	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														95.80	113.40	174.62	f	f	a	a	d	g	g	f	f	f	a

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals (pelagic surveys are considered separately)	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users		
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2050
K07-FB	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														97.44	114.05	174.83	f	f	a	a	d	g	g	f	f	f	a
K04a-B	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														99.46	117.48	178.78	f	f	a	a	d	g	g	f	f	f	a
E13 Epidoot	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		undeveloped, production start unknown														100.64	119.91	175.74	g	g	a	a	e	g	g	f	f	f	e
K04-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														101.03	119.18	180.49	f	f	a	a	d	g	g	f	f	f	a
K04-E	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														102.15	120.03	181.30	f	f	a	a	d	g	g	f	f	f	a
K04-N	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														107.51	125.30	186.57	f	f	a	a	d	g	g	f	f	f	a
E17a-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														110.73	130.13	189.60	f	f	a	a	d	g	g	f	f	f	a
K05a-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														112.09	130.03	191.32	f	f	a	a	d	g	g	f	f	f	a
K07-FD	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														112.21	128.81	189.53	f	f	a	a	d	g	g	f	f	f	a
K05-C North	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														112.94	131.45	192.70	f	f	a	a	d	g	g	f	f	f	a
K07-FA	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														114.31	130.96	191.69	f	f	a	a	d	g	g	f	f	f	a
K05-U	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														115.81	134.43	195.60	f	f	a	a	d	g	g	f	f	f	a
K07-FE	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														116.84	133.11	193.58	f	f	a	a	d	g	g	f	f	f	a
K05a-B	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														116.87	134.86	196.15	f	f	a	a	d	g	g	f	f	f	a
K05-C Unit	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														118.82	137.27	198.54	f	f	a	a	d	g	g	f	f	f	a
K07-FC	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														121.31	137.50	197.89	f	f	a	a	d	g	g	f	f	f	a
K08-FD	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	undeveloped, production start unknown														122.41	139.72	>200	g	g	g	a	e	g	g	f	f	f	e
K05a-D	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														123.98	141.75	>200	f	f	a	a	d	g	g	f	f	f	a
K05a-En	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														124.13	142.22	>200	f	f	a	a	d	g	g	f	f	f	a
K08-FA	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														124.81	141.42	>200	f	f	a	a	d	g	g	f	f	f	a
K10-B (gas)	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	abandoned														125.30	140.07	199.00	g	g	g	a	g	g	g	f	f	f	e
K02b-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														125.32	144.53	>200	f	f	a	a	d	g	g	f	f	f	a
K13-B	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	abandoned														125.81	138.95	196.24	g	g	g	a	g	g	g	f	f	f	e
K10-C	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	abandoned														126.49	141.62	>200	g	g	g	a	g	g	g	f	f	f	e
K10-V	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	abandoned														126.49	141.62	>200	g	g	g	a	g	g	g	f	f	f	e
K11-FA	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	abandoned														126.95	142.65	>200	g	g	g	a	g	g	g	f	f	f	e
K05a-Es	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	production ceased														127.64	145.53	>200	g	g	g	a	g	g	g	f	f	f	e

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals (pelagic surveys are considered separately)	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users		
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2050
E11-Vincent	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Tulow Netherlands B.V.	undeveloped, production start unknown														127.80	147.08	>200	g	g	g	a	e	g	g	f	f	f	e
K13-CF	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	abandoned														127.83	141.86	>200	g	g	g	a	g	g	g	f	f	f	e
K10-B (oil)	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	undeveloped, production start unknown														128.36	142.92	>200	g	g	g	a	e	g	g	f	f	f	e
K05-G	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	production ceased														128.74	146.60	>200	g	g	g	a	g	g	g	f	f	f	e
K13-DE	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	abandoned														129.43	143.23	>200	g	g	g	a	g	g	g	f	f	f	e
K08-FC	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														129.57	146.10	>200	f	f	f	a	d	g	g	f	f	f	a
K05-F	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														130.97	149.13	>200	f	f	f	a	d	g	g	f	f	f	a
K08-FB	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	undeveloped, production start unknown														132.64	149.83	>200	g	g	g	a	e	g	g	f	f	f	e
K13-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	abandoned														133.66	146.84	>200	g	g	g	a	g	g	g	f	f	f	e
K08-FF	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	undeveloped, production start unknown														133.91	150.89	>200	g	g	g	a	e	g	g	f	f	f	e
K08-FE	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	undeveloped, production start unknown														135.45	153.02	>200	g	g	g	a	e	g	g	f	f	f	e
K16-5	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		undeveloped, production start unknown														139.07	151.15	>200	g	g	g	a	e	g	g	f	f	f	e
K06-N	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	production ceased														140.24	158.34	>200	g	g	g	a	g	g	g	f	f	f	e
E12 Tulp East	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		undeveloped, production start unknown														140.58	159.80	>200	g	g	g	a	e	g	g	f	f	f	e
K06-DN	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														141.27	159.50	>200	f	f	f	a	d	g	g	f	f	f	a
K11-FC	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	abandoned														142.94	159.23	>200	g	g	g	a	g	g	g	f	f	f	e
K11-FB	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	abandoned														144.32	160.80	>200	a	a	g	a	g	g	g	f	f	f	e
E18-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	producing														145.03	164.47	>200	f	f	f	a	d	g	g	f	f	f	a
K06-D	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														145.59	163.68	>200	f	f	f	a	d	g	g	f	f	f	a
E12 Lelle	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		undeveloped, production start unknown														145.81	165.12	>200	g	g	g	a	e	g	g	f	f	f	e
K06-T	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	production ceased														146.71	165.07	>200	g	g	g	a	g	g	g	f	f	f	e
K09ab-D	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														147.04	164.21	>200	f	f	f	a	d	g	g	f	f	f	a
K06-C	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														147.35	165.51	>200	f	f	f	a	d	g	g	f	f	f	a
K14-FC	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	undeveloped, production start unknown														147.52	162.85	>200	g	g	g	a	e	g	g	f	f	f	e
K09ab-B	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														148.60	165.76	>200	f	f	f	a	d	g	g	f	f	f	a
K06-G	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														149.23	167.62	>200	f	f	f	a	d	g	g	f	f	f	a
K09c-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														150.28	168.04	>200	f	f	f	a	d	g	g	f	f	f	a

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals (pelagic surveys are considered separately)	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users		
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2050
K09ab-C	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	suspended														150.35	167.66	>200	g	g	g	a	g	g	g	f	f	f	e
F16-E	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	producing														150.52	169.99	>200	f	f	f	a	d	g	g	f	f	f	a
K12-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	abandoned														150.58	167.36	>200	g	g	g	a	g	g	g	f	f	f	e
K14-FA	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														150.96	166.21	>200	f	f	f	a	d	g	g	f	f	f	a
P01-FB	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Petrogas E&P Netherlands B.V.	undeveloped, production start unknown														152.07	163.24	>200	g	g	g	a	e	g	g	f	f	f	e
K06-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														152.56	171.26	>200	f	f	f	a	d	g	g	f	f	f	a
K09c-B	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	undeveloped, production start expected within 5 years														153.34	170.43	>200	f	f	f	a	d	g	g	f	f	f	a
K6-GT4	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	undeveloped, production start unknown														153.91	172.38	>200	g	g	g	a	e	g	g	f	f	f	e
F16-P	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	undeveloped, production start expected within 5 years														154.00	173.35	>200	f	f	f	a	d	g	g	f	f	f	a
K14-FB	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														154.33	168.68	>200	f	f	f	a	d	g	g	f	f	f	a
P01-FA	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Petrogas E&P Netherlands B.V.	undeveloped, production start unknown														155.76	167.50	>200	g	g	g	a	e	g	g	f	f	f	e
K15-FH	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														155.77	171.02	>200	f	f	f	a	d	g	g	f	f	f	a
K12-H (K12-S2 & K12-D5)	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														156.54	172.98	>200	f	f	f	a	d	g	g	f	f	f	a
L01-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														156.98	175.84	>200	f	f	f	a	d	g	g	f	f	f	a
K12-L	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														157.26	174.38	>200	f	f	f	a	d	g	g	f	f	f	a
L04-B	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	abandoned														157.54	175.72	>200	g	g	g	a	g	g	g	f	f	f	e
K17-FA	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														158.48	171.75	>200	f	f	f	a	d	g	g	f	f	f	a
K12-M	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														158.73	175.49	>200	f	f	f	a	d	g	g	f	f	f	a
L04-D	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														158.76	177.12	>200	f	f	f	a	d	g	g	f	f	f	a
L04-I	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														159.53	178.11	>200	f	f	f	a	d	g	g	f	f	f	a
L04-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														160.09	178.58	>200	f	f	f	a	d	g	g	f	f	f	a
K17-Zechstein	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	undeveloped, production start unknown														160.10	173.30	>200	g	g	g	a	e	g	g	f	f	f	e
K12-C	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	production ceased														160.42	177.24	>200	g	g	g	a	g	g	g	f	f	f	e
K12-D	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														160.57	177.22	>200	f	f	f	a	d	g	g	f	f	f	a
K15-FC	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														160.68	175.92	>200	f	f	f	a	d	g	g	f	f	f	a
K09ab-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														161.67	179.17	>200	f	f	f	a	d	g	g	f	f	f	a

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals (pelagic surveys are considered separately)	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users		
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2050
L04-F	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														162.42	181.14	>200	f	f	f	a	d	g	g	f	f	f	a
K17-FB	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	undeveloped, production start unknown														162.59	176.03	>200	g	g	g	a	e	g	g	f	f	f	e
K15-FI	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														162.72	178.24	>200	f	f	f	a	d	g	g	f	f	f	a
K12-S1	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	abandoned														162.73	179.12	>200	g	g	g	a	g	g	g	f	f	f	e
K12-E	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	abandoned														163.43	180.54	>200	g	g	g	a	g	g	g	f	f	f	e
K12-B	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														163.52	179.77	>200	f	f	f	a	d	g	g	f	f	f	a
L07-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	abandoned														164.64	182.40	>200	g	g	g	a	g	g	g	f	f	f	e
K15-FB	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														164.78	180.51	>200	f	f	f	a	d	g	g	f	f	f	a
L07-G	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														165.12	182.47	>200	f	f	f	a	d	g	g	f	f	f	a
K12-K	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	suspended														165.47	182.17	>200	g	g	g	a	g	g	g	f	f	f	e
L04-G	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														165.64	184.39	>200	f	f	f	a	d	g	g	f	f	f	a
L07-H	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	suspended														166.10	184.08	>200	g	g	g	a	g	g	g	f	f	f	e
K15-FO	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														166.58	182.34	>200	f	f	f	a	d	g	g	f	f	f	a
K12-B9	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														166.89	182.98	>200	f	f	f	a	d	g	g	f	f	f	a
K15-FL	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														166.93	182.99	>200	f	f	f	a	d	g	g	f	f	f	a
P02-NE	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Clyde Petroleum	abandoned														166.95	179.38	>200	g	g	g	a	g	g	g	f	f	f	e
K12-G	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														167.11	183.47	>200	f	f	f	a	d	g	g	f	f	f	a
L10-S3	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	abandoned														167.41	184.40	>200	g	g	g	a	g	g	g	f	f	f	e
K12-S3	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														168.00	184.20	>200	f	f	f	a	d	g	g	f	f	f	a
P02-E	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Petrogas E&P Netherlands B.V.	undeveloped, production start unknown														168.26	179.89	>200	g	g	g	a	e	g	g	f	f	f	e
L10-O	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														168.33	185.06	>200	f	f	f	a	d	g	g	f	f	f	a
L07-D	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	undeveloped, production start unknown														169.49	186.90	>200	g	g	g	a	e	g	g	f	f	f	e
L10-M	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														169.52	186.18	>200	f	f	f	a	d	g	g	f	f	f	a
P02-SE	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Clyde Petroleum	abandoned														169.52	181.17	>200	g	g	g	a	g	g	g	f	f	f	e
L01-FB	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		undeveloped, production start unknown														169.59	188.49	>200	g	g	g	a	e	g	g	f	f	f	e
L10-S1	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	abandoned														169.80	186.72	>200	g	g	g	a	g	g	g	f	f	f	e
K15-FG	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														170.18	186.04	>200	f	f	f	a	d	g	g	f	f	f	a

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals (pelagic surveys are considered separately)	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users		
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2050
K15-FP	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														170.66	186.20	>200	f	f	f	a	d	g	g	f	f	f	a
K15-FM	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														170.76	186.06	>200	f	f	f	a	d	g	g	f	f	f	a
L07-H South-East	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	production ceased														170.85	188.72	>200	g	g	g	a	g	g	g	f	f	f	e
L07-N	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	production ceased														172.51	190.13	>200	g	g	g	a	g	g	g	f	f	f	e
K15-FE	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														172.52	188.22	>200	f	f	f	a	d	g	g	f	f	f	a
L07-B	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														172.71	190.67	>200	f	f	f	a	d	g	g	f	f	f	a
K15-FK	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														173.01	188.27	>200	f	f	f	a	d	g	g	f	f	f	a
K15-FD	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														173.38	188.94	>200	f	f	f	a	d	g	g	f	f	f	a
K15-FA	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														174.22	189.85	>200	f	f	f	a	d	g	g	f	f	f	a
L10-S2	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	production ceased														174.31	191.11	>200	g	g	g	a	g	g	g	f	f	f	e
K15-FJ	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	suspended														174.59	189.96	>200	g	g	g	a	g	g	g	f	f	f	e
K15-FN	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														175.21	190.76	>200	f	f	f	a	d	g	g	f	f	f	a
L10-P	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														175.35	192.30	>200	f	f	f	a	d	g	g	f	f	f	a
L07-C	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	producing														175.86	193.34	>200	f	f	f	a	d	g	g	f	f	f	a
L05a-E	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	undeveloped, production start expected within 5 years														176.02	194.88	>200	f	f	f	a	d	g	g	f	f	f	a
L10-N	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														176.45	193.35	>200	f	f	f	a	d	g	g	f	f	f	a
L10-6	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	undeveloped, production start unknown														176.45	193.48	>200	g	g	g	a	e	g	g	f	f	f	e
L05a-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														176.84	195.53	>200	f	f	f	a	d	g	g	f	f	f	a
L10-G	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	production ceased														176.91	194.23	>200	g	g	g	a	g	g	g	f	f	f	e
L02-FC	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	undeveloped, production start unknown														177.09	195.97	>200	g	g	g	a	e	g	g	f	f	f	e
K15-FQ	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	suspended														177.36	192.70	>200	g	g	g	a	g	g	g	f	f	f	e
L13-FA	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	undeveloped, production start unknown														177.54	193.38	>200	g	g	g	a	e	g	g	f	f	f	e
P02-Delta	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Petrogas E&P Netherlands B.V.	undeveloped, production start unknown														177.77	190.09	>200	g	g	g	a	e	g	g	f	f	f	e
K15-FF	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	undeveloped, production start unknown														177.92	193.34	>200	g	g	g	a	e	g	g	f	f	f	e
L10-CDA	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	producing														178.91	195.77	>200	f	f	f	a	d	g	g	f	f	f	a
K18-Golf	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	producing														179.28	194.42	>200	f	f	f	a	d	g	g	f	f	f	a

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals (pelagic surveys are considered separately)	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users		
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2050
L10-K	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	abandoned														180.56	197.97	>200	g	g	g	a	g	g	g	f	f	f	e
L07-F	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Total E&P Nederland B.V.	undeveloped, production start expected within 5 years														181.42	198.97	>200	f	f	f	a	d	g	g	f	f	f	a
A18-FA	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Petrogas E&P Netherlands B.V.	producing														181.72	198.74	>200	f	f	f	a	d	g	g	f	f	f	a
L13-FI	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	undeveloped, production start expected within 5 years														181.81	197.74	>200	f	f	f	a	d	g	g	f	f	f	a
F17-SW Culmination	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	undeveloped, production start unknown														182.81	>200	>200	g	g	g	a	e	g	g	f	f	f	e
F17-Brigantijn (F17-FB)	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Sterling Resources Netherlands B.V.	undeveloped, production start unknown														182.83	>200	>200	g	g	g	a	e	g	g	f	f	f	e
Kotter	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	production ceased														183.84	198.47	>200	g	g	g	a	g	g	g	f	f	f	e
F17-Korvet (F17-FA)	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Sterling Resources Netherlands B.V.	undeveloped, production start unknown														183.94	>200	>200	g	g	g	a	e	g	g	f	f	f	e
L13-FH	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	abandoned														184.62	>200	>200	g	g	g	a	g	g	g	f	f	f	e
K18-FB	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	undeveloped, production start unknown														184.70	199.31	>200	g	g	g	a	e	g	g	f	f	f	e
L13-FE	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														184.89	>200	>200	f	f	f	a	d	g	g	f	f	f	a
L10-19	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	undeveloped, production start expected within 5 years														184.97	>200	>200	f	f	f	a	d	g	g	f	f	f	a
L02-FA	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														185.44	>200	>200	f	f	f	a	d	g	g	f	f	f	a
L13-FC	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														185.66	>200	>200	f	f	f	a	d	g	g	f	f	f	a
L13-FB	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	production ceased														185.76	>200	>200	g	g	g	a	g	g	g	f	f	f	e
L16-FA	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	undeveloped, production start unknown														187.00	>200	>200	g	g	g	a	e	g	g	f	f	f	e
L05a-D	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	undeveloped, production start expected within 5 years														187.09	>200	>200	f	f	f	a	d	g	g	f	f	f	f
L05b-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	undeveloped, production start unknown														187.43	>200	>200	g	g	g	a	e	g	g	f	f	f	e
P06-Northwest	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	undeveloped, production start unknown														187.63	199.53	>200	g	g	g	a	e	g	g	f	f	f	e
L02-FB	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														187.66	>200	>200	f	f	f	a	d	g	g	f	f	f	a
L11-7	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	undeveloped, production start expected within 5 years														188.14	>200	>200	f	f	f	a	d	g	g	f	f	f	f
L08-A-West	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	producing														188.36	>200	>200	f	f	f	a	d	g	g	f	f	f	a
L13-FJ	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	undeveloped, production start unknown														188.66	>200	>200	g	g	g	a	e	g	g	f	f	f	e
L13-FG	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	suspended														188.74	>200	>200	g	g	g	a	g	g	g	f	f	f	e
L13-FD	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														189.27	>200	>200	f	f	f	a	d	g	g	f	f	f	a

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals (pelagic surveys are considered separately)	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users		
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2050
L10-S4	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	production ceased														189.30	>200	>200	g	g	g	a	g	g	g	f	f	f	e
L08-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	production ceased														189.64	>200	>200	g	g	g	a	g	g	g	f	f	f	e
L16-Bravo	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	undeveloped, production start unknown														189.66	>200	>200	g	g	g	a	e	g	g	f	f	f	e
L11-1	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	undeveloped, production start unknown														189.94	>200	>200	g	g	g	a	e	g	g	f	f	f	e
F17-NE (Rembrandt)	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	undeveloped, production start expected within 5 years														190.00	>200	>200	f	f	f	a	d	g	g	f	f	f	f
F14-FA	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'		undeveloped, production start unknown														190.19	>200	>200	g	g	g	a	e	g	g	f	f	f	e
L16-Alpha	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	undeveloped, production start unknown														190.27	>200	>200	g	g	g	a	e	g	g	f	f	f	e
L08-D	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Oranje-Nassau Energie B.V.	producing														190.57	>200	>200	f	f	f	a	d	g	g	f	f	f	a
P06-Main	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	producing														191.17	>200	>200	f	f	f	a	d	g	g	f	f	f	a
L13-FF	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	producing														192.38	>200	>200	f	f	f	a	d	g	g	f	f	f	a
L13-FK	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Nederlandse Aardolie Maatschappij B.V.	undeveloped, production start unknown														192.66	>200	>200	g	g	g	a	e	g	g	f	f	f	e
L11-Lark	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	abandoned														192.71	>200	>200	g	g	g	a	g	g	g	f	f	f	e
Q01-Northwest	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Petrogas E&P Netherlands B.V.	undeveloped, production start expected within 5 years														192.93	>200	>200	f	f	f	a	d	g	g	f	f	f	f
L08-P	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	producing														192.95	>200	>200	f	f	f	a	d	g	g	f	f	f	a
L11a-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	abandoned														193.61	>200	>200	g	g	g	a	g	g	g	f	f	f	e
L11b-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Oranje-Nassau Energie B.V.	production ceased														194.45	>200	>200	g	g	g	a	g	g	g	f	f	f	e
L05-B	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	producing														196.74	>200	>200	f	f	f	a	d	g	g	f	f	f	a
B16-FA	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Petrogas E&P Netherlands B.V.	undeveloped, production start unknown														196.91	>200	>200	g	g	g	a	e	g	g	f	f	f	e
L08-H	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	production ceased														197.34	>200	>200	g	g	g	a	g	g	g	f	f	f	e
L14-FA	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Transcanada International Ltd.	abandoned														197.73	>200	>200	g	g	g	a	g	g	g	f	f	f	e
L11-Gillian	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Oranje-Nassau Energie B.V.	undeveloped, production start expected within 5 years														198.10	>200	>200	f	f	f	a	d	g	g	f	f	f	f
L08-G	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	production ceased														198.10	>200	>200	g	g	g	a	g	g	g	f	f	f	e
A15-A	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Petrogas E&P Netherlands B.V.	undeveloped, production start expected within 5 years														198.23	>200	>200	f	f	f	a	d	g	g	f	f	f	f
Haven	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Petrogas E&P Netherlands B.V.	producing														198.25	>200	>200	f	f	f	a	d	g	g	f	f	f	a
P06-D	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	producing														198.29	>200	>200	f	f	f	a	d	g	g	f	f	f	a

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					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028															2029	2030
L05-C	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Wintershall Noordzee B.V.	producing													199.72	>200	>200	f	f	f	a	d	g	g	f	f	f	a
L14-FB	NLOG	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	ENGIE E&P Nederland B.V.	undeveloped, production start unknown													199.98	>200	>200	g	g	g	a	e	g	g	f	f	f	e

In Planning/Consenting/Pre-Construction
Construction
Operation and Maintenance
Decommissioning

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c	Potential cumulative impact exists: Screened in to assessment.
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e	Low data confidence: Screened out of assessment.
f	No physical effect-receptor overlap: Screened out of assessment.
g	No temporal overlap: Screened out of assessment.

Port	Data Source(s)	Data Confidence Assessment	Country	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)														Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Ecology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users											
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031-2050																										
United Kingdom																																											
BRIDLINGTON	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																								73.00	3.56	31.98	a	a	a	a	a	a	a	a	a	a	f	a	
SCARBOROUGH	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									85.91	29.25	51.26	a	f	a	a	a	a	a	a	a	a	f	a
GRIMSBY	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									92.24	48.11	57.89	a	f	a	a	a	a	a	a	a	a	f	a
KINGSTON UPON HULL	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									93.51	30.89	51.49	a	f	a	a	a	a	a	a	a	f	a	
IMMINGHAM	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									95.67	43.25	57.51	a	f	a	a	a	a	a	a	a	f	a	
NEW HOLLAND	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									101.04	37.54	59.30	a	f	a	a	a	a	a	a	a	f	a	
WHITBY	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									103.92	55.51	74.91	a	f	a	a	a	a	a	a	f	a		
GOOLE	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									127.97	54.75	84.74	a	f	a	a	a	a	a	a	a	f	a	
HOWDENDYKE	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									129.31	54.93	86.03	a	f	a	a	a	a	a	a	a	f	a	
TEESPORT	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									141.45	90.32	112.96	a	f	a	a	a	a	a	a	a	f	a	
BOSTON	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									141.62	116.74	122.92	a	f	a	a	a	a	a	a	a	f	a	
HARTLEPOOL	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									146.39	96.62	118.76	a	f	a	a	a	a	a	a	f	a		
GREAT YARMOUTH	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									149.52	152.68	181.62	a	f	a	a	a	a	a	a	a	f	a	
KING'S LYNN	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									149.88	139.50	144.59	a	f	a	a	a	a	a	a	a	f	a	
SEAHAM	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									160.07	113.48	134.48	a	f	a	a	a	a	a	a	a	f	a	
LOWESTOFT	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									164.37	167.50	195.33	a	f	a	a	a	a	a	a	a	f	a	
WISBECH	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									165.07	150.67	154.76	a	f	a	a	a	a	a	a	a	f	a	
SUNDERLAND	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									167.02	122.70	142.81	a	f	a	a	a	a	a	a	a	f	a	
TYNEMOUTH	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									173.29	131.37	150.51	a	f	a	a	a	a	a	a	a	f	a	
BLYTH	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									185.43	145.63	164.06	a	f	a	a	a	a	a	a	a	f	a	
WARKWORTH HARBOUR	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active																									203.45	168.61	185.11	a	f	a	a	a	a	a	a	a	f	a	

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					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028															2029	2030	2031-2039		
MANCHESTER	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active														224.44	148.44	181.28	a	f	a	a	a	a	a	a	a	a	a	f	a
LANCASTER	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active														242.34	168.45	202.35	a	f	a	a	a	a	a	a	a	a	a	f	a
HEYSHAM	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active														251.23	177.22	211.17	a	f	a	a	a	a	a	a	a	a	a	f	a
FLEETWOOD	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active														259.44	184.46	218.69	a	f	a	a	a	a	a	a	a	a	a	f	a
GARLSTON	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active														269.09	192.97	225.95	a	f	a	a	a	a	a	a	a	a	a	f	a
BARROW IN FURNESS	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active														271.11	198.01	231.67	a	f	a	a	a	a	a	a	a	a	a	f	a
LIVERPOOL	World Ports Index	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.	GB	Active														272.57	196.24	229.60	a	f	a	a	a	a	a	a	a	a	a	f	a

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					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2050												
United Kingdom																																											
UK Military Bases	Royal Navy Data	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	The three main Naval Bases are the home to the Royal Navy's surface and submarine fleet of ships. Portsmouth, Devonport and Clyde Naval Bases offer support to their base ships in the areas of personnel, engineering and supplies. Yeovilton air station is base to RN Naval Helicopter Squadrons and other fixed wing aircraft. Culdrose air station supports the Anti-Submarine Warfare and Airborne Early Warning Helicopter Squadrons of the Royal Navy. The principal function of Dartmouth College is the training of young officers for service in the Royal Navy. HMS COLLINGWOOD (FAREHAM), HMS Excellent (Portsmouth), HMS Raleigh (Torpoint), HMS Sultan (Gosport), and HMS Temeraire (Portsmouth) are also important UK naval establishments.	Operational																										N/A	N/A	N/A	a	a	a	a	d	a	f	a	a	d	f

In Planning/Consenting/Pre-Construction
Construction
Operation and Maintenance
Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment. Screened in to assessment.
c	Potential cumulative impact exists: Screened in to assessment.
d	No conceptual effect-receptor pathway: Screened out of assessment.
e	Low data confidence: Screened out of assessment.
f	No physical effect-receptor overlap: Screened out of assessment.
g	No temporal overlap: Screened out of assessment.

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes the offshore construction period for Hornsea Four)											Distance from the Hornsea Four Array Area (km)	Distance from the Hornsea Four Offshore Export Cable Corridor (km)	Distance from the Hornsea Four offshore HVAC Booster Station Area (km)	Marine Geology, Oceanography and Physical Processes	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore and Intertidal Ecology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Marine Archaeology	Seascape and Visual Resources	Infrastructure and Other Users															
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029															2030	2031-2050													
United Kingdom																																												
Yorkshire Harbour and Marina - Bridlington	East Riding of Yorkshire Council	High - Third party project details published in the public domain and confirmed as being 'accurate' by TCE.		Under construction																										73.00	3.55	31.98	g	g	g	c	d	g	g	g	g	g	f	d