

Outer Dowsing Offshore Wind Preliminary Environmental Information Report

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Abbreviations

Acronym	Expanded name
BEIS	Department for Business, Energy & Industrial Strategy (now the Department for Energy Security and Net Zero (DESNZ))
CEA	Cumulative Effects Assessment
DCO	Developmental Consent Order
DECC	Department of Energy & Climate Change, now the Department for Energy Security and Net Zero (DESNZ)
DESNZ	Department for Energy Security and Net Zero, formerly Department of Business, Energy and Industrial Strategy (BEIS), which was previously Department of Energy & Climate Change (DECC)
ECC	Export Cable Corridor
EIA	Environmental Impact Assessment
EMF	Electromagnetic Field
EPP	Evidence Plan Process
ES	Environmental Statement
ETG	Expert Topic Group
EU	European Union
HRA	Habitat Regulation Assessment
ICNIRP	International Commission Non-Ionising Radiation Protection
INNS	Invasive Non-Native Species
MPS	Marine Policy Statement
NPS	National Policy Statement
NSIP	Nationally Significant Infrastructure Projects
OWF	Offshore Wind Farm
PEIR	Preliminary Environmental Impact Report
PEMP	Project Environmental Management Plan
RCS	Reactive Compensation Station
SAC	Special Areas of Conservation
SIP	Site Integrity Plan
SPA	Special Protection Area
SSSI	Sites of Special Scientific Interest
UK	United Kingdom
UKHSA	UK Health Security Agency
UXO	Unexploded Ordnance
ZTV	Zone of Theoretical Visibility

Terminology

Term	Definition
Array area	The area offshore within the PEIR Boundary within which the generating stations (including wind turbine generators (WTG) and inter array cables), offshore accommodation platforms, offshore transformer substations and associated cabling are positioned.
Baseline	The status of the environment at the time of assessment without the development in place.
Cumulative effects	The combined effect of the Project acting cumulatively 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 the Project.
Effect	Term used to express the consequence of an impact. The significance of an effect is determined by correlating the magnitude of an impact with the sensitivity of a receptor, in accordance with defined significance criteria.
Environmental Impact Assessment (EIA)	A statutory process by which certain planned projects must be assessed before a formal decision to proceed can be made. It involves the collection and consideration of environmental information, which fulfils the assessment requirements of the Environmental Impact Assessment (EIA) Regulations, including the publication of an Environmental Statement (ES).
EIA Directive	European Union 2011/92/EU of 13 December 2011 (as amended in 2014 by Directive 2014/52/EU)
EIA Regulations	Infrastructure Planning (Environmental Impact Assessment) Regulations 2017
Environmental Statement (ES)	The suite of documents that detail the processes and results of the Environmental Impact Assessment (EIA).
Habitats Regulations Assessment (HRA)	Habitats Regulations Assessment. A process which helps determine likely significant effects and (where appropriate) assesses adverse impacts on the integrity of European conservation sites and Ramsar sites. The process consists of up to four stages of assessment: screening, appropriate assessment, assessment of alternative solutions and assessment of imperative reasons of over-riding public interest (IROPI) and compensatory measures.
Impact	An impact to the receiving environment is defined as any change to its baseline condition, either adverse or beneficial.
National Policy Statement (NPS)	A document setting out national policy against which proposals for Nationally Significant Infrastructure Projects (NSIPs) will be assessed and decided upon.
Outer Dowsing Offshore Wind	The Project.

Term	Definition
Offshore Reactive Compensation Station (ORCP)	Platforms located outside the array area which house electrical equipment and control and instrumentation systems. They also provide access facilities for work boats.
Preliminary Environmental Information Report (PEIR)	The PEIR is written in the style of a draft Environmental Statement (ES) and provides information to support and inform the statutory consultation process in the pre-application phase. Following that consultation, the PEIR documentation will be updated to produce the Project's ES that will accompany the application for the Development Consent Order (DCO).
PEIR Boundary	The PEIR Boundary is outlined in Figure 3.1 of Volume 1, Chapter 3: Project Description and comprises the extent of the land and/or seabed for which the PEIR assessments are based upon.
Receptor	A distinct part of the environment on which effects could occur and can be the subject of specific assessments. Examples of receptors include species (or groups) of animals or plants, people (often categorised further such as 'residential' or those using areas for amenity or recreation), watercourses etc.
The Applicant	GT R4 Ltd. The Applicant making the application for a DCO. The Applicant is GT R4 Limited (a joint venture between Corio Generation, TotalEnergies and Gulf Energy Development (GULF)), trading as Outer Dowsing Offshore Wind. The project is being developed by Corio Generation (a wholly owned Green Investment Group portfolio company), TotalEnergies and GULF.
The Planning Inspectorate	The agency responsible for operating the planning process for Nationally Significant Infrastructure Projects (NSIPs).
The Project	Outer Dowsing Offshore Wind including proposed onshore and offshore infrastructure

5 Offshore Cumulative Effects Assessment

5.1 Introduction

Background

- 5.1.1 This assessment has been prepared as an Appendix of the Outer Dowsing Offshore Wind (the Project) Preliminary Environmental Information Report (PEIR). Specifically, this appendix provides an assessment of the potential offshore cumulative effects of the Project.
- 5.1.2 This assessment has been prepared to support the Cumulative Effects Assessment (CEA) of the Project's offshore Environmental Impact Assessment (EIA) process.
- 5.1.3 GT R4 Ltd (trading as Outer Dowsing Offshore Wind) hereafter referred to as 'the Applicant', is proposing to develop the Project. The Project will be located approximately 54km from the Lincolnshire coastline in the southern North Sea. The Project will include both offshore and onshore infrastructure including an offshore generating station (windfarm), export cables to landfall, onshore cables, and connection to the electricity transmission network, and ancillary and associated development (see Volume 1, Chapter 3: Project Description for full details).
- 5.1.4 This chapter provides an assessment of the potential offshore cumulative effects of the Project. For the CEA, an essential requirement is to identify the projects, plans and activities that the Project may have possible interactions with. These interactions may occur throughout the lifetime of the Project, through the construction, operation and maintenance or decommissioning phases of the Project.
- 5.1.5 Cumulative effects are defined by the European Commission (Walker and Johnston, 1999) as:
- 'Impacts that result from incremental changes caused by other past, present, or reasonably foreseeable actions together with the project'.*
- 5.1.6 Cumulative effects arise when the Project is considered together with effects from other developments on the same single resource or receptor. This PEIR appendix provides details of other developments in the vicinity of the Project that may be of relevance to the cumulative assessment using information that is in the public domain. It also sets out the methodology for the assessment of these other developments.

Purpose and Structure of this Document

- 5.1.7 The primary purpose of this report is to provide details of the offshore cumulative assessment defined for the Project. This appendix provides details on the proposed methodology for the Project's offshore CEA, justification for the approach taken regarding cumulative impacts and details the long list of projects, plans and activities that have been considered within the offshore CEA.
- 5.1.8 The approach for cumulative impacts is based upon the Planning Inspectorate Advice Note 17 (The Inspectorate) (The Inspectorate, 2019). The approach to the CEA is intended to be specific to the Project and takes account of the available knowledge of the environment and other activities around the Project's boundary.

5.1.9 The remainder of this document is structured in the following way:

- Detail on Policy Context, Legislation, Guidance and Standards;
- Consultation undertaken to date;
- The proposed methodology;
- Details of the Cumulative Assessment; and
- The Next Steps.

5.2 Policy Context, Legislation, Guidance and Standards

5.2.1 The Planning Act 2008 underpins the consenting regime for certain types of development classed as Nationally Significant Infrastructure Projects (NSIPs).

5.2.2 The Project is classed as an NSIP and will require a development consent order from the Secretary of State (SoS) for the Department of Business, Energy and Industrial Strategy (BEIS) made pursuant to the Planning Act 2008.

5.2.3 The Environmental Impact Assessment Infrastructure Planning Regulations 2017 (the EIA Regulations) implemented the requirements of the EIA Directive (As codified by Directive 2011/92/EU and subsequently amended by Directive 2014/52/EU) into UK law in respect of NSIP projects.

5.2.4 Schedule 4 paragraph 5 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (“the EIA Regulations”) states that:

‘A description of the likely significant effects of the development on the environment resulting from, inter alia: (e) the cumulation of effects with other existing and/or approved projects, taking into account any existing environmental problems relating to areas of particular environmental importance likely to be affected or the use of natural resources’.

5.2.5 The overarching National Policy Statement (NPS) for Energy (EN-1) (DECC, 2011a) and the NPS for Renewable Energy Infrastructure (EN-3) (DECC, 2011b) both recognise the need to address the maximum potential adverse impacts. The draft NPS (EN-1) (DESNEZ, 2023a) and draft NPS (EN-3) (DESNEZ, 2023b) continue to support this. Matters considered to affect the maximum adverse impact are topic impacts, inter-relationships between topics, and cumulative impacts.

5.2.6 The Overarching NPS for Energy (EN-1) at paragraph 4.2.5 states that:

‘When considering cumulative effects, the ES should provide information on how the effects of the applicant’s proposal would combine and interact with the effects of other development (including projects for which consent has been sought or granted, as well as those already in existence)’.

5.2.7 Draft EN-1 (DESNZ 2023) continues to support this.

- 5.2.8 The Inspectorate have produced 'Advice Note 17: Cumulative Effects Assessment' (The Inspectorate 2019), which provides guidance on a staged process that can be used for cumulative effects assessments for NSIPs. Advice Note 17 details a four-step process that can be followed by developers and which has been applied here. This four-step approach is detailed in Section 4.
- 5.2.9 The Marine Policy Statement (MPS) (HM Government 2011) sets out the requirement to address cumulative effects, stating that:

'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'.

5.3 Consultation

Scoping and PEIR consultation

- 5.3.1 Consultation is a key part of the DCO application process. Consultation regarding cumulative effects has been conducted through the EIA scoping process. The Inspectorate provided response through the scoping opinion (The Inspectorate 2022). An overview of the Project's consultation process is presented within Volume 1, Chapter 6: Consultation Process.
- 5.3.2 A summary of consultation responses relevant to the CEA, along with how these have been addressed by the Project, are provided in Table 5.1.

Table 5.1: Scoping consultation responses

ID	Ref	Description	Inspectorate's comments	Response/ action
2.1.4	Paragraph 3.4.26	Unexploded Ordnance (UXO) removal	The Inspectorate notes the intention to seek consent for UXO removal through a future Marine Licence application but that the effects of removal of UXO will be considered as part of the EIA process for the Development Consent Order (DCO) application. The ES should address any cumulative effects from the construction of the Project with the likely effects from the UXO clearance.	The Project will assess the cumulative impacts of UXO removal.
2.1.12	n/a	Figures – cumulative offshore windfarms (OWFs)	The ES should include a plan to show the location of other OWFs, built, consented and proposed, in relation to the Project	The Project will ensure a figure of the OWFs in the area in proximity to the Project is included.
3.1.2	Table 7.1.3	Cumulative modifications to the wave and tidal regime and associated potential impacts to the sediment transport regime - O&M	The Scoping Report proposes to scope out cumulative modifications to the wave and tidal regime and associated potential impacts to the sediment transport regime on the basis of available assessments that suggest modifications to the wave and tidal regime remain within small distances from the foundations. The Scoping Report contains limited evidence at this stage to currently support the scoping out of cumulative modifications to the wave and tidal and associated potential impacts to the sediment transport regime. Therefore, the Inspectorate cannot agree to scope these effects out. The ES should include an assessment of such cumulative effects, where likely significant effects could arise.	The cumulative effects on the wave and tidal regime and associated potential impacts to the sediment transport regime have remained scoped in and will be assessed for ES.
3.1.8	Table 7.12 and Paragraph 7.1.51	Numerical modelling	The Scoping Report confirms that specific numerical modelling will be undertaken, such as hydrodynamic (wave and tidal) and sediment plume modelling. The	The Project have commenced ETG meetings and consulted on

ID	Ref	Description	Inspectorate's comments	Response/ action
			<p>Applicant is advised to agree the detailed assessment methodologies, including modelling, with relevant stakeholders represented on the Marine Ecology and Coastal Processes Expert Topic Group (ETG) as part of the EPP. The modelling should explain any assumptions made including, the parameters, data sources, and any calibration/validation against previous models. It should also clearly state whether cumulative impacts from other projects have been included.</p>	<p>proposed methodologies and received feedback.</p>
3.2.3	Table 7.2.6	<p>Release of sediment-bound contaminants from disturbed sediments in water quality due to cumulative effects with other projects and plans</p>	<p>The Scoping Report proposes to scope out release of sediment-bound contaminants from disturbed sediments on water quality as a result of cumulative effects with other projects and plans. This is on the basis that effects will be highly localised and small scale.</p> <p>The Scoping Report has not identified other projects or plans that could act cumulatively with respect to sediment-bound contaminant release.</p> <p>On the basis that there are no projects or plans that would act cumulatively to release sediment-bound contaminants, the Inspectorate agrees that this effect can be scoped out of the assessment</p>	<p>The Project have scoped out the impact of cumulative released sediment-bound contaminants.</p>
3.3.2	Table 7.3.4	<p>Increased risk of introduction or spread of marine invasive non-native species (INNS) – O&M</p>	<p>The Scoping Report proposes to scope out this effect on the basis of best practice standards and control procedures, which will be incorporated into the PEMP and are embedded in the project design. The Inspectorate considers there is the potential risk of INNS introduction and spread during the operational phase as a result of vessels used for maintenance activities. The ES should include an assessment of the increased risk of</p>	<p>The assessment of the risk of INNS during operation on benthic ecology receptors will remain scoped in and assessed, with consideration to potential cumulative effects.</p>

ID	Ref	Description	Inspectorate's comments	Response/ action
			introduction and spread of INNS during operation on benthic ecology receptors, where likely significant effects could occur. This should include consideration of the potential for cumulative effects.	
3.3.5	Table 7.3.4	Cumulative effects - Benthic Subtidal and Intertidal Ecology	<p>The Scoping Report states that, with the exception of those effects scoped in as per Table 7.3.3, all other impacts with limited spatial extent, where not having an effect on a designated species, site or feature, will be scoped out of further assessment within the ES.</p> <p>The Scoping Report does not specifically identify what such 'other impacts' could comprise; therefore, the Inspectorate considers that insufficient detail has been provided to scope out cumulative effects. For the avoidance of doubt, the ES must assess all cumulative effects where significant effects are likely to occur.</p>	The Project will assess all cumulative effects where significant effects are likely to occur
3.3.8	Table 7.3.3	Cumulative effects - Benthic Subtidal and Intertidal Ecology	It is unclear from Table 7.3.3 whether the cumulative effect of sediment disturbance arising from construction activities scoped into the assessment will comprise an assessment of cumulative effect with other projects or plans, or if this is from inter-project effects. For clarity, any likely significant effects on benthic subtidal and intertidal receptors occurring as a result of interactions with other plans and projects should be assessed in the ES.	The Project will assess any likely significant effects on benthic subtidal and intertidal receptors occurring as a result of interactions with other plans and projects.
3.4.4	Table 7.4.5	Cumulative effects – Fish and Shellfish Ecology	The Scoping Report states that, impacts scoped into the assessment for the Project alone, are generally spatially restricted to within the near field of the array and the offshore Export Cable Corridor (ECC) and that, with the exception of those impacts identified in Table 7.4.4, it is	The Project have scoped out the cumulative effects on fish and shellfish receptors.

ID	Ref	Description	Inspectorate's comments	Response/ action
			<p>proposed that all other impacts with limited spatial extent, where not having an effect on a designated species, site or feature, are scoped out of further assessment in the ES.</p> <p>The Inspectorate agrees that where there are no likely significant effects on fish and shellfish receptors that could occur alone or cumulatively with other projects or plans, these can be scoped out of the assessment.</p>	
3.5.10	Paragraph 7.5.50	Mitigation measures – Marine Mammals	<p>The ES should include consideration of measures to manage potential cumulative disturbance in the event that there is multiple piling or other noisy activities taking place simultaneously in the Southern North Sea Special Area of Conservation (SAC). It is also recommended an outline Site Integrity Plan (SIP) be provided with the Application.</p>	<p>The Project will assess the cumulative effects of multiple drilling or noisy events on the Southern North Sea SAC.</p> <p>The Project will also produce an SIP alongside the application.</p>
3.6.3	Table 7.6.6	All other impacts not including cumulative disturbance/ displacement and collision - Cumulative-Intertidal and Offshore Ornithology	<p>The Scoping Report proposes to scope out cumulative impacts with the exception of cumulative disturbance/displacement and collision. This is on the basis that the likelihood of a cumulative impact is low, and the contribution from the Project is likely to be small, and dependent on a temporal and spatial co-incidence of disturbance/ displacement from other plans or projects.</p> <p>The Inspectorate notes the other potential 'project-alone' effects to be considered in the ES relate to barrier effects and effects on prey species. The Inspectorate is of the view that barrier effects should be considered in the ES (see point 3.6.1 above) and thus barrier effects should also be considered for any cumulative effects from the Project with other plans or projects, where likely</p>	<p>The Project will include an assessment of cumulative impacts where significant effects are likely to occur. The ES will also assess the potential for 'minor' effects to combine to produce a cumulative, significant effect.</p>

ID	Ref	Description	Inspectorate's comments	Response/ action
			<p>significant effects could occur. With regards to effects on prey species, Scoping Report identifies that this assessment relies on the data and impact assessments including Physical Processes, Noise, Benthic Subtidal and Intertidal Ecology, and Fish and Shellfish. Noting the Applicant's assertion that the temporal and spatial extent of impacts will be small, this is yet to be evidenced and therefore the Inspectorate does not agree to scope these effects out of the assessment. The ES should include an assessment of cumulative impacts where significant effects are likely to occur. The ES should also assess the potential for 'minor' effects to combine to produce a cumulative, significant effect.</p>	
3.9.5	Table 7.9.3	<p>Cumulative impact – assessment assumptions – Shipping and Navigation</p>	<p>Noting the Scoping Report states that it will include changes to baseline routeing associated with submitted or consented OWF projects, notably Hornsea 3 and Hornsea 4, the ES should clearly state any assumptions made with regards to the baseline.</p>	<p>The Project will clearly set out assumptions made with regards to the baseline</p>
3.11.9	Table 7.11.5 and Table 7.11.6	<p>Cumulative effect (daytime) of the offshore Reactive Compensation Station (RCS) on seascape character, landscape character and views/visual receptors– Construction, O&M, and Decommissioning</p>	<p>Table 7.11.5 states that the cumulative effect of the construction, O&M, and decommissioning of the offshore RCS on seascape character, landscape character and visual receptors will be scoped into the Seascape, Landscape and Visual Impact Assessment (SLVIA), which is in contradiction to Table 7.11.6. The ES should provide an assessment of the potential cumulative effects of the offshore RCS for all phases of the Project, where likely significant effects could occur. Table 7.11.6 also states with regards to cumulative effects that “The operational Hornsea Projects One and Two OWFs, and the consented</p>	<p>The Project will provide an assessment of the potential cumulative effects of the offshore RCS for all phases of the Project, where likely significant effects could occur. Additionally, the Project have scoped out the cumulative effects of Hornsea Projects One, Two and Three.</p>

ID	Ref	Description	Inspectorate's comments	Response/ action
			Hornsea Three OWF, will be scoped out of the SLVIA due to their long distance offshore and lack of visibility from the coastline. "The Inspectorate agrees that cumulative effects with these projects can be scoped out on this basis.	
3.22.5	Table 9.1.2 and Paragraph 9.1.43	Impacts from exposure to EMF –alone and cumulative – Human Health	On the basis that the ES can demonstrate all electrical infrastructure will remain below negligible levels in line with the International Commission Non-Ionising Radiation Protection (ICNIRP) guidelines (2020), the Inspectorate is content to scope out the potential for EMF affects from the Project alone and cumulatively.	The Project will assess the EMF levels likely to be produced and where negligible, they will be scoped out of the assessments.
3.22.8	Paragraphs9.1.40 to 9.1.42	Cumulative impacts – non-radioactive effects – Human Health	Scoping Report paragraph 9.1.42 states that cumulative impacts will be considered following determination of the onshore ECC and OnSS and if agreed as appropriate, the Applicant would seek to scope out cumulative impacts with relevant consultation bodies, including the UK Health Security Agency (UKHSA). The Inspectorate welcomes the intention to discuss this matter with consultation bodies once further information is available on the design/route of the Project and likely effects and receptors. For clarity, the Inspectorate considers this should be informed by the location and potential impacts of both the Project and other relevant development particularly where the Zol overlap. The ES should include an assessment of cumulative effects to human health, where likely significant effects could occur.	The Project will assess the non-radioactive effects on human health where there is likely to be a significant effect.
3.23.3	Paragraph 9.2.21	Cumulative impacts from emissions	The Inspectorate agrees that the assessment of GHG emissions against the carbon budgets are inherently cumulative and therefore this will be assessed in the	The Project will assess this within the Climate Change chapter.

ID	Ref	Description	Inspectorate's comments	Response/ action
			Climate Change aspect chapter rather than as a separate element of the cumulative chapter.	

5.4 Methodology

- 5.4.1 The assessment of the cumulative effects resulting from the Project is a requirement under the Infrastructure Planning (Environmental Impact Assessment) Regulations (2017). The CEA process follows the approach set out in Advice Note 17, Cumulative Effects Assessment (The Inspectorate, 2019). It sets out a four-stage approach to the assessment of cumulative effects:
- Stage 1: identify the zone of influence and establish a long list of ‘other existing development and/or approved development’;
 - Stage 2: identify a shortlist of ‘other existing development and/or approved development’ for cumulative assessment;
 - Stage 3: information gathering; and
 - Stage 4: assessment.
- 5.4.2 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 the Project. Any projects considered for planning post-March 2023 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.
- 5.4.3 Any permissions from an earlier date are presumed to have lapsed or have been implemented, and in the case of the latter, therefore form part of the Project baseline assessed in the EIA. Other developments which are pending and meet the Project screening parameters, will be monitored by the Project and considered in the CEA.
- 5.4.4 In line with the guidance from the Planning Inspectorates Advice Note 17 (the Inspectorate, 2019), all plans that are deemed ‘reasonably foreseeable’ will be considered in the CEA using publicly available information. Within the cumulative frequency boundary there are other NSIPs, including other proposed offshore windfarms. To reflect a worst case and to maintain a robust approach when considering cumulative effects, these will be considered within the CEA.

5.5 Approach to the Cumulative Effects Assessment

Stage 1: Establishing the Zone of Influence and Identifying the Long List of Other Existing Developments and/or Approved Developments

Approach to the Longlist

- 5.5.1 Stage 1 of the CEA methodology involves establishing the Project’s Zone of Influence (Zoi) and identifying a long list of other developments for inclusion in the assessment. The screening ranges from the Project array area and offshore export cable corridor (ECC) have been assessed for each project type that may have interactions with the Project, these are shown in Table 5.2.

Table 5.2: The screening ranges for different project types for the CEA

Project type	Screening Range (km)
Aggregates and Disposal	50
Offshore Energy	500
Cables and Pipelines	50
Oil and Gas	200
Shipping	200
Military, Aviation and Radar	200

- 5.5.2 An initial screening exercise (Stage 1 of the cumulative effects assessment) has been undertaken to identify other developments within the ZOI to create an ‘initial long list’ for consideration. This was undertaken through a desktop study of planning applications, development plan documents, relevant development frameworks and any other available sources to identify ‘other development’ within the ZOI.
- 5.5.3 Information on each project (development type and when it is occurring) is documented, along with the certainty assigned to the ‘other development’ (i.e. the confidence levels if the ‘other development’ will take place in the current form and when it will take place in relation to the Project).

Tiered Approach

- 5.5.4 For the CEA it was important to recognise that projects which are ‘proposed’, may or may not be taken forward for development. Consideration to this has been built into the assessment in line with The Inspectorate’s Advice Note 17. The approach was taken to allocate the Projects ‘tiers’, based on their current status within the planning and development process. This is described in further detail within Volume 1, Chapter 5: EIA Methodology.

Stage 2: Establishing a Shortlist of ‘Other Existing Development and/or Approved Development

- 5.5.5 The Inspectorate’s Advice Note 17 (The Inspectorate, 2019) provides threshold criteria for inclusion/exclusion against which the potential for the ‘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. These criteria were used to stage 2 to screening the projects and establish a shortlist. The screening criteria are described in Table 5.3.

Table 5.3: CEA long list screening criteria

Projects screened-in	Projects 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 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 due to insufficient information); ▪ No potential impact-receptor pathway exists; ▪ No potential for a spatial effect interaction; and/or ▪ No potential for a temporal effect interaction

5.5.6 For clear justification the screening process was undertaken in steps. This followed a stepped process, with data initially screened regarding the nature of the other development identified. The steps followed were:

- 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 underwater noise could have an impact on marine mammal receptors, but suspended sediment concentration could not have an effect on aviation receptors.
- Spatial effect interaction: The impacts on a receptor from the Project and one or more other plans/projects have a geographical overlap. For example, if another offshore windfarm project is in a close enough proximity to the Project, underwater noise resulting from piling at the Project could interact with noise arising from the construction of another offshore windfarm project. If there is no spatial interaction, there is considered to be no potential for a cumulative effect; and
- Temporal effect interaction: The impacts on a receptor from one or more other projects have the potential to occur at the same time as the Project. If there is no temporal interaction, there is considered to be no potential for a cumulative effect.

5.5.7 If the project being assessed for cumulative effects has the potential for both spatial and temporal interactions with the Project, then the cumulative impact has been taken forward to the CEA shortlist.

Topic-Specific Screening of Long List (Impact Ranges)

5.5.8 The long list identifies all of the other plans, projects and activities that may result in a cumulative effect with the Project. The long list however does not account for differences in the impact ranges for each environmental receptor. For further screening, topic-specific short lists were established, the distances and justifications are provided in Table 5.4.

Table 5.4: Cumulative effect screening ranges specific to each EIA receptor topic

EIA Topic	Maximum extent of impact and justification
Marine geology, oceanography and physical processes	12km around the array area and 15km around the ECC (based on the excursion distance of a spring tidal ellipse for respective locations) for impacts related to suspended sediments. For impacts related to waves, projects have been screened in to examine if they have the potential capacity to interact cumulatively on wave processes, especially for wave directions approaching the adjacent coastline.
Benthic and intertidal ecology	12km around the array area and 15km around the ECC (based on physical processes assessment)
Fish and shellfish ecology	12km around the array area and 15km around the ECC (for sedimentary impacts, based on physical processes). Greater distance for underwater noise related impacts based on underwater noise modelling (100km)
Marine mammals	Dependent on the reference population extent.
Offshore and intertidal ornithology	Dependent on the maximum foraging range of the species in question.
Commercial fisheries	Dependent on the extent of the relevant fishing grounds.
Shipping and navigation	Based on shipping lanes and sea room availability around relevant components of the Project.
Aviation and radar	Distance at which the Project array would interact with that of another development (100km).
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.
Socio-economics, Recreation and Tourism	Based on the potential to interact with key receptors such as ports or tourism and recreation assets

5.5.9 These topic-specific ranges have been applied to identify relevant short list plan/projects/activities to be taken forward to the topic-specific CEA presented in each PEIR chapter.

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

5.5.10 Subsequently from the production of the topic-specific screening, technical 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 PEIR topic chapter.

5.6 References

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					Construction Period (red outline denotes ODOW offshore construction period)																										
Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX	Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
WEST SOLE A PP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													8.4	25.1	d	c	a	a	a	a	a	a	a	a	a	c	a
WEST SOLE A SP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													8.4	25.1	d	c	a	a	a	a	a	a	a	a	a	c	a
AMETHYST B1D	BP EXPLORATION	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													8.4	22.6	d	c	a	a	a	a	a	a	a	a	g	a	
Seven Seas VCS	SPIRIT ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE													9.9	26.6	d	c	g	a	a	a	a	a	f	a	c	f	

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
CLIPPER PR	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													15.0	20.7	d	c	g	a	a	a	a	a	a	a	a	c	a
CLIPPER PM	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													15.0	20.6	d	c	g	a	a	a	a	a	a	a	a	c	a
WAVENEY	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													15.2	7.0	d	c	a	a	a	a	a	a	a	a	a	c	a
ENSIGN 48/14-ED SUBSEA WELLHEAD 48/14-7Y	SPIRIT ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE - removed													15.6	23.3	g	g	g	a	a	a	a	a	f	a	g	g	

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities		
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX																
ENSIGN PLATFORM	SPIRIT ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													16.2	23.9	g	g	g	a	a	a	a	a	a	a	a	a	g	a
ENSIGN 2	VENTURE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													16.2	23.9	g	g	g	a	a	a	a	a	a	f	a	g	f	
JULIET WELLHEAD 47/14B-G2	NEPTUNE E&P	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													16.2	21.8	g	g	g	a	a	a	a	a	a	f	a	g	f	
JULIET WELLHEAD 47/14B-G1	NEPTUNE E&P	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													16.3	21.9	g	g	g	a	a	a	a	a	f	a	g	f		

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities		
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX																
Juliet Subsea Manifold	NEPTUNE E&P	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	REMOVED													16.3	21.9	g	g	g	a	a	a	a	a	a	f	a	g	g	
AMETHYST A2D	BP EXPLORATION	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													16.7	28.2	f	f	g	a	a	a	a	a	a	a	a	a	g	a
GALLEON PG	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													16.8	24.1	f	f	g	a	a	a	a	a	a	f	a	c	a	
48/18B- 9	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													18.0	18.2	f	f	g	a	a	a	a	a	a	f	a	g	f	

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities		
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX																
HOTON	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														18.1	34.8	f	f	g	a	a	a	a	a	a	f	a	c	f
48/9A MIMAS	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE - in cold suspension														18.4	32.7	f	f	g	a	a	a	a	a	a	f	a	g	f
MIMAS MN	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														18.4	32.7	f	f	g	a	a	a	a	a	a	f	a	c	f
ANGLIA YD	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														19.8	21.6	f	f	g	a	a	a	a	f	f	a	c	f	

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
ANGLIA A	GDF BRITAIN	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													19.8	21.6	f	f	g	a	a	a	a	f	f	a	c	f
AMETHYST A1D	BP EXPLORATION	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													19.9	28.5	f	f	g	a	a	a	a	f	f	a	g	f
DURANGO 48/21A-4Z	Bridge Resources Corp.	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													21.1	3.9	g	g	a	a	a	a	a	f	f	a	g	f
CLIPPER SOUTH	RWE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													21.4	26.1	f	f	g	a	a	a	a	f	f	a	c	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
HYDE	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														21.6	38.5	f	f	g	a	a	a	a	f	f	a	c	f
HELVELLYN MANIFOLD	ALPHA PETROLEUM	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE														22.5	37.6	f	f	g	a	a	a	a	f	f	a	c	f
HELVELLYN WELLHEAD 47/10-7Y	ALPHA PETROLEUM	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE														22.5	37.6	f	f	g	a	a	a	a	f	f	a	c	f
SKIFF	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														24.3	30.6	f	f	g	a	a	a	a	f	f	a	c	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
GALLEON PN	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													25.9	32.5	f	f	g	a	a	a	a	f	f	a	c	f
AUDREY B (XW)	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													28.3	35.9	f	f	g	a	a	a	a	f	f	a	g	f
SATURN ND	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													28.6	38.3	f	f	g	a	a	a	a	f	f	a	g	f
Amethyst C1D	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													28.8	33.9	g	g	g	a	a	a	a	f	f	a	g	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
ANNABEL MANIFOLD	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	NOT IN USE														28.9	37.2	f	f	g	a	a	a	a	f	f	a	g	f
ANNABEL 1 SUBSEA WELLHEAD	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE - removed														28.9	37.2	f	f	g	a	a	a	a	f	f	a	g	f
ANNABEL 2 SUBSEA WELLHEAD	VENTURE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE - removed														29.0	37.3	f	f	g	a	a	a	a	f	f	a	g	f
ANNABEL 2 WELLHEAD	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE - removed														29.0	37.3	f	f	g	a	a	a	a	f	f	a	g	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
Blythe Jacket	IOG PLC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SUBSEA	ACTIVE													29.7	22.2	f	f	g	a	a	a	a	f	f	a	c	f
AUDREY "WM" 7X WELLHEAD	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE - removed													30.6	38.1	g	g	g	a	a	a	a	f	f	a	g	f
AUDREY A (WD)	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													31.0	38.5	g	g	g	a	a	a	a	f	f	a	g	f
CERES WELL	SPIRIT ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE													32.2	47.1	f	f	g	a	a	a	a	f	f	a	c	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
TETHYS TEE	TOTAL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	NOT IN USE													33.5	41.2	g	g	g	a	a	a	a	f	f	a	g	f
MERCURY MANIFOLD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE													34.8	46.4	f	f	g	a	a	a	a	f	f	a	c	f
MERCURY TIE IN SKID	SPIRIT ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE													34.8	46.4	f	f	g	a	a	a	a	f	f	a	c	f
Babbage	NEO ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													35.1	51.7	f	f	g	a	a	a	a	f	f	a	c	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
VAMPIRE OD MPS	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SUBSEA	NOT IN USE													36.0	43.9	g	g	g	a	a	a	a	f	f	a	g	f
49/11B TETHYS	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													36.1	43.8	f	f	g	a	a	a	a	f	f	a	g	f
NORTH VALIANT 2	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													38.2	43.7	g	g	g	a	a	a	a	f	f	a	g	f
ANN SUBSEA TEMPLATE	VENTURE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	TEMPLATE	NOT IN USE													38.2	46.6	f	f	g	a	a	a	a	f	f	a	g	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
ANN A4 WELLHEAD	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE - removed														38.3	46.7	g	g	g	a	a	a	a	f	f	a	g	f
43/27A- 5	HARBOUR ENERGY PLC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE														39.2	56.1	f	f	g	a	a	a	a	f	f	a	c	f
43/27-4	HARBOUR ENERGY PLC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE														39.2	56.2	f	f	g	a	a	a	a	f	f	a	c	f
PL253 SOUTHERN TEE	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	ACTIVE														40.9	40.4	f	f	g	a	a	a	a	f	f	a	c	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
VANGUARD	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE - in cold suspension													41.3	47.3	g	g	g	a	a	a	a	f	f	a	g	f
ALISON/KX WELLHEAD	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	NOT IN USE - removed													41.4	48.7	f	f	g	a	a	a	a	f	f	a	g	f
ERIS WELL	SPIRIT ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE													42.2	53.4	f	f	g	a	a	a	a	f	f	a	c	f
SOUTH VALIANT	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE - in cold suspension													43.7	48.9	g	g	g	a	a	a	a	f	f	a	g	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
JOHNSTON	HARBOUR ENERGY PLC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE													44.2	60.8	f	f	g	a	a	a	a	f	f	a	c	f
Ravenspurn North CC	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													44.4	61.1	f	f	g	a	a	a	a	f	f	a	c	f
Ravenspurn North CCW	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													44.4	61.1	f	f	g	a	a	a	a	f	f	a	c	f
VULCAN 1	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													45.0	49.0	g	g	g	a	a	a	a	f	f	a	g	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
WELL 48/29-9 :398	SEAFISH	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE														45.9	42.7	f	f	g	a	a	a	a	f	f	a	c	f
HEWETT WELL 48/29-9 (DAWN)	TULLOW	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE														46.0	42.8	g	g	g	a	a	a	a	f	f	a	g	f
Neptune	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														46.0	62.8	f	f	g	a	a	a	a	f	f	a	c	f
Ravenspurn South A	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														46.5	63.3	f	f	g	a	a	a	a	f	f	a	c	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
47/4A-7Z	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													47.2	63.2	g	g	g	a	a	a	a	f	f	a	g	f
Rough AP	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													47.2	54.1	f	f	g	a	a	a	a	f	f	a	g	f
Rough AD	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													47.3	54.1	f	f	g	a	a	a	a	f	f	a	g	f
VIXEN VM WELL	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													48.0	54.5	f	f	g	a	a	a	a	f	f	a	g	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
E+ WELLHEAD (VIXEN)	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE														48.0	54.5	f	f	g	a	a	a	a	f	f	a	c	f
RAVENSPURN NORTH ST2	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														48.1	64.8	f	f	g	a	a	a	a	f	f	a	c	f
APOLLO MANIFOLD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE														49.0	62.1	f	f	g	a	a	a	a	f	f	a	c	f
ROUGH BP	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														49.3	55.3	f	f	g	a	a	a	a	f	f	a	c	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)													Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
ROUGH BD	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														49.3	55.2	f	f	g	a	a	a	a	f	f	a	c	f
ROUGH CD	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														49.3	55.3	f	f	g	a	a	a	a	f	f	a	c	f
VICTORIA 49/17-14	NEO ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													49.5	56.6	g	g	g	a	a	a	a	f	f	a	g	f	
VIKING VALVE SKID	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	VALVE	NOT IN USE													49.6	56.6	g	g	g	a	a	a	a	f	f	a	g	f	

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
WENLOCK NUI	ATP	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														49.9	57.5	f	f	g	a	a	a	a	f	f	a	c	f
WENLOCK LEGACY WELL 49/12A-8	ALPHA PETROLEUM	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE														50.0	57.6	f	f	g	a	a	a	a	f	f	a	f	f
Minerva	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														50.7	66.6	f	f	g	a	a	a	a	f	f	a	f	f
48/29C	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														50.8	48.8	f	f	g	a	a	a	a	f	f	a	c	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
Ravenspurn South B	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														51.0	67.8	f	f	g	a	a	a	a	f	f	a	f	f
Ravenspurn North ST3	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														52.2	68.9	f	f	g	a	a	a	a	f	f	a	f	f
CLEETON CC	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														52.8	69.5	f	f	g	a	a	a	a	f	f	a	f	f
CLEETON PQ	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														52.8	69.6	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
CLEETON RISER TOWER	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														52.9	69.6	f	f	g	a	a	a	a	f	f	a	f	f
CLEETON WLTR	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														52.9	69.6	f	f	g	a	a	a	a	f	f	a	f	f
southwark	IOG PLC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SUBSEA	ACTIVE														53.6	57.3	f	f	g	a	a	a	a	f	f	a	f	f
VICTOR NORTH WEST WELLHEAD	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE														53.7	59.9	f	f	g	a	a	a	a	f	f	a	f	f

Offshore Cumulative Effects Assessment Matrix - Oil and Gas

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
HEWETT WELL 48/30-8 (DEBORAH)	TULLOW	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE													53.8	54.0	f	f	g	a	a	a	a	f	f	a	f	f
HEWETT WELL 48/30-10 (DEBORAH)	TULLOW	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE													53.8	54.0	f	f	g	a	a	a	a	f	f	a	f	f
York Platform	SPIRIT ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													53.8	61.1	f	f	g	a	a	a	a	f	f	a	f	f
HEWETT WELL 48/30-14 (DEBORAH)	TULLOW	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE													53.9	54.0	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
48/29B	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													54.0	47.6	f	f	g	a	a	a	a	f	f	a	c	f
Theddlethorpe Gas Terminal	UNKNOWN	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	TERMINAL	ACTIVE													54.4	12.7	d	c	a	a	a	a	a	f	f	a	c	f
Ravenspurn South C	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													55.1	71.9	f	f	g	a	a	a	a	f	f	a	f	f
PLEM DELLA :395	SEAFISH	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE													55.6	56.5	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
HEWETT 48/30-11 (DELLA) PLEM CENTRE	TULLOW	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE														55.6	56.5	f	f	g	a	a	a	a	f	f	a	f	f
HEWETT WELL 48/30-16 (DELILAH)	TULLOW	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE														55.8	56.7	g	g	g	a	a	a	a	f	f	a	g	f
TEE PIECE WENLOCK PL2355	ALPHA PETROLEUM	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	ACTIVE														57.5	64.8	f	f	g	a	a	a	a	f	f	a	f	f
HEWETT 48/30-11 (DELLA) MTM CENTRE	TULLOW	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE														57.6	56.2	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
HEWETT WELL 48/30-11 (DELLA)	TULLOW	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE													57.6	56.2	f	f	g	a	a	a	a	f	f	a	f	f
HEWETT WELL 48/30-15 (LITTLE DOTTY)	TULLOW	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													57.7	56.4	g	g	g	a	a	a	a	f	f	a	g	f
Schooner A	DNO NORTH SEA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													58.6	73.7	g	g	g	a	a	a	a	f	f	a	g	f
LEMAN F	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													58.7	61.5	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
LEMANG	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													59.4	62.5	f	f	g	a	a	a	a	f	f	a	f	f
LEMANG	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													59.4	62.5	f	f	g	a	a	a	a	f	f	a	f	f
HEWETT WELL 48/30-9 (LITTLE DOTTY BUNTER)	TULLOW	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													59.7	58.9	g	g	g	a	a	a	a	f	f	a	g	f
48/29A-FTP	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													59.9	55.9	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
48/29A-P	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														59.9	55.9	f	f	g	a	a	a	a	f	f	a	f	f
48/29A-Q	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														59.9	56.0	f	f	g	a	a	a	a	f	f	a	f	f
Easington/Dimlington Gas Terminal	UNKNOWN	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	TERMINAL	ACTIVE														60.1	44.2	f	f	g	a	a	a	a	f	f	a	f	f
4INCH MORGRIP REPAIR CONNECTION 1	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SUBSEA	ACTIVE														61.3	63.5	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities																								
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX																																						
4INCH MORGRIP REPAIR CONNECTION 2	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SUBSEA	ACTIVE																											61.3	63.5	f	f	g	a	a	a	a	f	f	a	f	f										
52/5A	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																																62.9	59.9	f	f	g	a	a	a	a	f	f	a	f	f					
LEMAN AD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																																		62.9	65.9	f	f	g	a	a	a	a	f	f	a	f	f			
LEMAN AP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																																					62.9	65.9	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
LEMAN AC	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														62.9	65.9	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN AP SSIV	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	VALVE	ACTIVE														62.9	65.9	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN AD1	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														62.9	65.9	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN AP	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														62.9	65.9	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
LEMAN AD2	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														62.9	66.0	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN AK	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														62.9	65.9	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN AC	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														62.9	65.9	f	f	g	a	a	a	a	f	f	a	f	f
42/28D- 12	HARBOUR ENERGY PLC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE														63.4	77.3	g	g	g	a	a	a	a	f	f	a	g	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
LEMAN CP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													63.7	67.0	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN CD	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													63.7	66.9	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN CP	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													63.7	67.0	f	f	g	a	a	a	a	f	f	a	f	f
NW BELL	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE													64.6	70.0	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
NW BELL 49/23-9	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE													64.6	70.0	f	f	g	a	a	a	a	f	f	a	f	f
CALLISTO WELLHEAD ZM	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													64.7	70.1	f	f	g	a	a	a	a	f	f	a	f	f
Tolmount	HARBOUR ENERGY PLC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE - removed													64.9	78.2	g	g	g	a	a	a	a	f	f	a	f	f
LEMAN BT	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													65.8	69.0	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities												
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX																										
LEMAN BT	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																								65.8	69.0	f	f	g	a	a	a	a	f	f	a	f	f	
LEMAN BP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																									66.4	69.6	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN BD	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																									66.4	69.6	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN BP	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																									66.4	69.6	f	f	g	a	a	a	a	f	f	a	f	f

Offshore Cumulative Effects Assessment Matrix - Oil and Gas

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
Whittle Manifold	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE													66.6	83.1	f	f	g	a	a	a	a	f	f	a	f	f
INDE BD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													66.8	73.5	f	f	g	a	a	a	a	f	f	a	f	f
INDE BP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													66.8	73.6	f	f	g	a	a	a	a	f	f	a	f	f
INDE D	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													68.4	74.5	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
LEMAN E	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													68.6	71.6	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN ED	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													68.8	72.1	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN EP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													68.8	72.1	f	f	g	a	a	a	a	f	f	a	f	f
Kilmar Nui	ALPHA PETROLEUM	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													68.9	86.4	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities		
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX																
					[Red outline indicates ODOW offshore construction period]																											
LEMAN AX	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															70.3	73.6	f	f	g	a	a	a	a	f	f	a	f	f
Leman 27 AC	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															70.4	73.7	f	f	g	a	a	a	a	f	f	a	f	f
Leman 27 AP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															70.4	73.7	f	f	g	a	a	a	a	f	f	a	f	f
Leman 27 AD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															70.4	73.7	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
RISER 49/27-AP :1196	BP	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	RISER BASE	ACTIVE														70.4	73.7	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN AQ	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														70.4	73.7	f	f	g	a	a	a	a	f	f	a	f	f
trent	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														70.5	88.3	f	f	g	a	a	a	a	f	f	a	f	f
INDE AD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														70.5	77.1	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)											Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031															2032 - 20XX
RISER 49/18-AD :1155	BP	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	RISER BASE	ACTIVE													70.5	77.1	f	f	g	a	a	a	a	f	f	a	f	f
INDE AP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													70.5	77.1	f	f	g	a	a	a	a	f	f	a	f	f
BACTON GAS TERMINAL	BGS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	TERMINAL	ACTIVE													71.1	56.4	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN J	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													71.6	74.7	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
49/23- 3	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE - removed													71.6	77.9	f	f	g	a	a	a	a	f	f	a	f	f
INDE AT	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													72.2	78.5	f	f	g	a	a	a	a	f	f	a	f	f
INDE AC	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													72.2	78.6	f	f	g	a	a	a	a	f	f	a	f	f
INDE AQ	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													72.2	78.6	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
LEMAN D	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													72.3	75.0	f	f	g	a	a	a	a	f	f	a	f	f
INDE CP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													72.3	78.6	f	f	g	a	a	a	a	f	f	a	f	f
INDE CD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													72.4	78.6	f	f	g	a	a	a	a	f	f	a	f	f
BURE WEST	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE													72.7	77.3	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
BESSEMER A	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													72.8	78.1	f	f	g	a	a	a	a	f	f	a	f	f
Leman 27 BC	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													72.8	76.3	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN BD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													72.9	76.4	f	f	g	a	a	a	a	f	f	a	f	f
RISER 49/27-BT :1169	BP	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	RISER BASE	ACTIVE													72.9	76.4	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
CUTTER	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														73.4	81.1	f	f	g	a	a	a	a	f	f	a	f	f
LEMAR CD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														73.7	76.9	f	f	g	a	a	a	a	f	f	a	f	f
LEMAR H	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														73.9	76.8	f	f	g	a	a	a	a	f	f	a	f	f
BURE 'O'	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE														74.3	78.8	f	f	g	a	a	a	a	f	f	a	f	f

					Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
LEMANT FD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													75.1	78.7	f	f	g	a	a	a	a	f	f	a	f	f
LEMANT FP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													75.1	78.7	f	f	g	a	a	a	a	f	f	a	f	f
BRIGANTINE BG	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													75.1	82.0	f	f	g	a	a	a	a	f	f	a	f	f
WYE PIECE	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE													76.9	84.6	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
RISER. 53/1-A :882	BP	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	RISER BASE	NOT IN USE													77.0	79.1	f	f	g	a	a	a	a	f	f	a	f	f
BRIGANTINE BR	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													77.0	84.1	f	f	g	a	a	a	a	f	f	a	f	f
Boulton	CHRYSAOR	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													77.5	93.7	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN DD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													78.2	81.7	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
LEMAR DP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														78.2	81.7	f	f	g	a	a	a	a	f	f	a	f	f
Ketch	DNO NORTH SEA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE														79.0	91.3	g	g	g	a	a	a	a	f	f	a	g	f
Corvette CV	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														79.1	84.9	f	f	g	a	a	a	a	f	f	a	f	f
CORVETTE	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														79.1	84.9	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
CORVETTE WYE	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE														79.2	85.0	f	f	g	a	a	a	a	f	f	a	f	f
LEMAN SW 53/02A-15	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE														79.3	82.4	f	f	g	a	a	a	a	f	f	a	f	f
53/02A-14A LEMAN SOUTH	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OBSTRUCTION	NOT IN USE														79.4	82.5	g	g	g	a	a	a	a	f	f	a	g	f
PIPELINE PROTECTION UNITS	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SUBSEA	ACTIVE														82.5	90.1	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
CARRACK MANIFOLD	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE													82.6	90.1	f	f	g	a	a	a	a	f	f	a	f	f
CARRACK QA	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													82.6	90.1	f	f	g	a	a	a	a	f	f	a	f	f
53/2-13 (ARTHUR 3)	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													82.9	85.2	f	f	g	a	a	a	a	f	f	a	f	f
THAMES A	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE - removed													83.4	88.0	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
ARTHUR MANIFOLD	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	NOT IN USE													83.5	86.0	f	f	g	a	a	a	a	f	f	a	f	f
THAMES AR	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE - removed													83.5	88.1	f	f	g	a	a	a	a	f	f	a	f	f
Murdoch Accomodation	CHRYSAOR	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													86.4	101.8	g	g	g	a	a	a	a	f	f	a	g	f
Murdoch Compression	CHRYSAOR	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													86.5	101.9	g	g	g	a	a	a	a	f	f	a	g	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)											Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031															2032 - 20XX
53/2-13 (ARTHUR 2)	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE													86.5	89.0	f	f	g	a	a	a	a	f	f	a	f	f
Murdoch Drilling	CHRYSAOR	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													86.6	102.0	g	g	g	a	a	a	a	f	f	a	g	f
Cavendish Manifold	CHRYSAOR	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	NOT IN USE													86.6	102.1	g	g	g	a	a	a	a	f	f	a	g	f
Windermere	INEOS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													87.2	95.0	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
GROVE WEST	VENTURE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE														87.2	94.9	f	f	g	a	a	a	a	f	f	a	f	f
YARE 'C'	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE														87.5	92.0	f	f	g	a	a	a	a	f	f	a	f	f
CARRACK EAST WELLHEAD	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE														88.6	96.1	f	f	g	a	a	a	a	f	f	a	f	f
Grove	SPIRIT ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														88.8	96.5	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
GROVE PLATFORM	VENTURE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													88.8	96.5	f	f	g	a	a	a	a	f	f	a	f	f
Chiswick	SPIRIT ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													89.2	98.5	f	f	g	a	a	a	a	f	f	a	f	f
GAWAIN G1	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													89.4	95.0	f	f	g	a	a	a	a	f	f	a	f	f
GAWAIN G2	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													89.4	95.0	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
GAWAIN G3	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													89.4	95.0	f	f	g	a	a	a	a	f	f	a	f	f
CARAVEL QR	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													90.4	97.5	f	f	g	a	a	a	a	f	f	a	f	f
CARAVEL WYE	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE													90.5	97.6	f	f	g	a	a	a	a	f	f	a	f	f
Cavendish	INEOS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													91.0	108.9	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)													Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
SHAMROCK QS	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													91.6	98.8	f	f	g	a	a	a	a	f	f	a	f	f	
SEAN RD	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													91.8	97.9	f	f	g	a	a	a	a	f	f	a	f	f	
Kew Subsea Well	SPIRIT ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE													92.2	101.6	f	f	g	a	a	a	a	f	f	a	f	f	
WELLAND 3	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ABANDONED													92.9	97.4	g	g	g	a	a	a	a	f	f	a	g	f	

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
SURFACE MOORING BUOY 2	ONEBV	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SURFACE	ACTIVE													93.1	99.0	f	f	g	a	a	a	a	f	f	a	f	f
ST-1	SPIRIT ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ABANDONED													93.6	101.4	g	g	g	a	a	a	a	f	f	a	g	f
44/23A- 12	HARBOUR ENERGY PLC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ABANDONED													94.0	109.3	g	g	g	a	a	a	a	f	f	a	g	f
SURFACE MOORING BUOY 1	ONEBV	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SURFACE	ACTIVE													94.4	100.4	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
WELLAND 4	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE - removed													94.8	99.3	g	g	g	a	a	a	a	f	f	a	g	f
EXPORT LINE SSIV SPOOL	ONE-DYAS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	VALVE	ACTIVE													95.4	101.3	f	f	g	a	a	a	a	f	f	a	f	f
SEAN PP SSIV	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	VALVE	ACTIVE													95.4	101.3	f	f	g	a	a	a	a	f	f	a	f	f
SEAN PP	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													95.5	101.5	f	f	g	a	a	a	a	f	f	a	f	f

Construction Period (red outline denotes ODOW offshore construction period)

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)											Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities													
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031															2032 - 20XX												
SEAN PD	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																							95.6	101.5	f	f	g	a	a	a	a	f	f	a	f	f		
43/15A-B3	BHP BILLITON PETROLEUM	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																									96.7	114.3	f	f	g	a	a	a	a	f	f	a	f	f
43/15A-B4	BHP BILLITON PETROLEUM	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																									96.7	114.3	f	f	g	a	a	a	a	f	f	a	f	f
43/15A-B2	BHP BILLITON PETROLEUM	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																									96.7	114.3	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
N DAVY 49/30A-7A	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													98.4	103.8	f	f	g	a	a	a	a	f	f	a	f	f
44/23A Kelvin TM	CHRYSAOR	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													98.8	113.9	g	g	g	a	a	a	a	f	f	a	f	f
Kelvin Pigging Manifold	CHRYSAOR	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	NOT IN USE													98.8	113.9	g	g	g	a	a	a	a	f	f	a	g	f
Munro MH	CHRYSAOR	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													100.4	116.8	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
Wingate	WINTERSHALL B.V.	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													103.8	118.2	f	f	g	a	a	a	a	f	f	a	f	f
Minke	NEPTUNE E&P	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													105.3	118.6	g	g	g	a	a	a	a	f	f	a	g	f
DAVY A	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE													107.5	112.6	f	f	g	a	a	a	a	f	f	a	f	f
Tyne	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE													108.6	124.4	g	g	g	a	a	a	a	f	f	a	g	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
ORWELL D1	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													108.8	114.7	f	f	g	a	a	a	a	f	f	a	f	f
ORWELL D3	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													108.8	114.7	f	f	g	a	a	a	a	f	f	a	f	f
ORWELL D2	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE													108.8	114.7	f	f	g	a	a	a	a	f	f	a	f	f
43/08A- 4	BHP BILLITON PETROLEUM	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE													112.0	129.8	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
43/08A- 5	BHP BILLITON PETROLEUM	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE														112.0	129.8	f	f	g	a	a	a	a	f	f	a	f	f
Katy KT	CHRYSAOR	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE														112.5	127.3	g	g	g	a	a	a	a	f	f	a	f	f
Cygnus A (AUQ)	NEPTUNE E&P	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														112.9	129.7	f	f	g	a	a	a	a	f	f	a	f	f
Cygnus A (APU)	NEPTUNE E&P	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														113.0	129.8	f	f	g	a	a	a	a	f	f	a	f	f

					Construction Period (red outline denotes ODOV offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
Cygnus A SSIV	NEPTUNE E&P	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE														113.0	129.9	f	f	g	a	a	a	a	f	f	a	f	f
Cygnus A (AWHP)	NEPTUNE E&P	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														113.1	129.9	f	f	g	a	a	a	a	f	f	a	f	f
Cygnus A (BWHP)	NEPTUNE E&P	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														113.3	130.5	f	f	g	a	a	a	a	f	f	a	f	f
Breagh Alpha	INEOS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														117.5	134.3	f	f	g	a	a	a	a	f	f	a	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
DAVY EAST	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE														133.2	118.3	f	f	g	a	a	a	a	f	f	a	f	f
Teeside Terminal	UNKNOWN	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	TERMINAL	ACTIVE														184.1	178.6	f	f	g	a	a	a	a	f	f	a	f	f
Teeside Oil Storage Depot	UNKNOWN	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	TERMINAL	ACTIVE														189.3	183.3	f	f	g	a	a	a	a	f	f	a	f	f
Booster Platform 36/22A Norpipe A.S	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														195.2	212.0	f	f	g	a	a	a	a	f	f	a	f	f

Offshore Cumulative Effects Assessment Matrix - Offshore Energy

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)											Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities		
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031													2032 - 20XX	
Dudgeon Extension	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Under Examination													13.5	0.0	c	c	c	b	c	c	c	c	c	c	b
Race Bank	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation													22.8	0.0	b	b	a	b	a	a	a	a	a	c	a
Lincs	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation													45.2	0.2	b	b	a	b	a	a	a	a	a	c	a
Inner Dowsing	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation													50.3	3.3	b	b	a	b	a	a	a	a	a	c	f
Triton Knoll	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation													7.7	5.5	b	b	a	b	a	a	a	a	a	c	a
Sheringham Shoal Extension	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Under Examination													26.1	8.8	c	c	c	c	c	b	c	c	c	c	b
Lynn	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation													53.6	10.6	b	b	a	b	a	a	a	a	a	c	f

Offshore Cumulative Effects Assessment Matrix - Offshore Energy

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOV offshore construction period)													Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
Dudgeon	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation														19.9	11.1	b	b	a	b	a	a	a	a	a	c	a
Sheringham Shoal	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation														34.0	16.7	g	b	a	b	a	a	a	a	a	c	a
Humber Gateway	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation														45.5	33.1	g	d	a	b	a	a	a	a	a	c	f
Hornsea Project Two (HOW02)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Under Construction														17.7	35.5	g	d	a	b	c	a	a	a	a	c	a
Hornsea Project One (HOW01)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation														21.4	38.2	g	d	a	b	a	a	a	a	a	c	a
Hornsea Project Four (HOW04)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Under Review - Decision due July 2023														36.5	53.3	g	c	c	c	c	c	c	c	f	c	f
Westermost Rough	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation														59.5	53.9	g	d	a	b	a	a	a	a	a	f	f

Offshore Cumulative Effects Assessment Matrix - Offshore Energy

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOV offshore construction period)										Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030													2031
Hornsea Project Three (HOW03)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Consented												59.4	70.9	g	c	c	c	c	c	c	f	f	f
Scroby Sands	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation												97.6	85.3	g	c	a	b	a	a	a	f	f	f
Norfolk Vanguard West	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Consented												83.8	86.7	g	f	c	c	c	c	c	f	f	f
Norfolk Boreas	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Consented												94.9	100.5	g	c	c	c	c	f	c	f	f	f
Norfolk Vanguard East	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Consented												104.1	108.6	g	f	c	c	c	f	f	f	f	f
East Anglia THREE	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Consented												118.9	122.4	g	f	c	c	c	f	f	f	f	f
East Anglia ONE NORTH	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Consented												133.1	127.1	g	f	c	c	c	f	f	f	f	f

Offshore Cumulative Effects Assessment Matrix - Offshore Energy

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOV offshore construction period)											Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031													2032 - 20XX
East Anglia TWO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Consented													141.0	131.0	g	f	c	c	c	f	f	f	f	f
Dogger Bank A	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Under Construction													114.4	132.1	g	f	a	c	c	f	f	f	f	f
East Anglia ONE	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation													149.1	144.4	g	f	a	b	a	a	f	f	f	f
Dogger Bank B	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Under Construction													132.8	150.7	g	f	a	c	c	f	f	f	f	f
North Falls	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Pre-planning Application													169.9	155.1	g	f	c	c	c	f	f	f	f	
Sofia	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Under Construction													139.4	156.8	g	f	c	c	c	f	f	f	f	f
Galloper	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation													172.6	158.4	g	f	a	b	a	a	f	f	f	f

Offshore Cumulative Effects Assessment Matrix - Offshore Energy

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOV offshore construction period)											Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031													2032 - 20XX
Greater Gabbard	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation													173.9	159.3	g	f	a	b	a	a	f	f	f	f
Five Estuaries Offshore Wind Farm Limited	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Pre-planning Application													175.5	162.5	g	f	c	c	c	f	f	f	f	f
Gunfleet Sands I	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation													191.7	174.3	g	f	a	b	a	a	f	f	f	f
Gunfleet Sands II	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation													192.3	175.7	g	f	a	b	a	a	f	f	f	f
Dogger Bank C	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Under Construction													160.1	177.1	g	f	c	c	c	f	f	f	f	f
Gunfleet Sands Demo	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation													195.9	177.5	g	f	a	b	a	a	f	f	f	f
Teesside	https://opendata-thecrownestate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation													182.2	177.8	g	f	a	b	a	a	f	f	f	f

Offshore Cumulative Effects Assessment Matrix - Offshore Energy

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOV offshore construction period)													Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX													
London Array	https://opendata-thecrownstate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation														198.3	182.1	g	f	a	b	a	a	f	f	f	f
Hollandse Kust (West)	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Planned														189.6	193.4	g	f	c	c	c	f	f	f	f	f
Kentish Flats	https://opendata-thecrownstate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation														222.6	201.6	g	f	a	b	a	f	f	f	f	f
Kentish Flats Extension	https://opendata-thecrownstate.opendata.arcgis.com/datasets/22a1be6fb0c5416e9369f97743f387b1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Active/In Operation														223.3	201.6	g	f	a	c	a	f	f	f	f	f
Hollandse Kust (Noord)	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Construction														198.9	204.6	g	f	a	f	c	f	f	f	f	f
HKN Kavel V	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Approved														199.1	204.7	g	f	a	f	c	f	f	f	f	f
Mermaid	https://www.ocean-energy-systems.org/ocean-energy/gis-map-tool/	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Hybrid Wave/Wind Energy	Consented														215.5	207.1	g	d	e	f	e	f	f	f	f	f
Borssele	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Completed														215.8	208.1	g	f	a	f	a	f	f	f	f	f

Offshore Cumulative Effects Assessment Matrix - Offshore Energy

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOV offshore construction period)											Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities			
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031													2032 - 20XX		
N-3.7	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Offshore Wind Farm	Planned													364.8	372.5	g	f	c	f	f	f	f	f	f	f	f	f
Bellrock Falck Renewables E1	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Pre-planning Application													357.6	374.4	g	d	e	f	f	f	f	f	f	f	f	
Nordsren II vest	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Planned													362.0	374.8	g	f	c	f	f	f	f	f	f	f	f	
Gode Wind 3	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Approved													367.4	375.1	g	f	c	f	f	f	f	f	f	f	f	
Seagreen Bravo Wind Energy Ltd	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Construction													364.5	377.9	g	f	a	c	f	f	f	f	f	f	f	
Inch Cape Offshore Ltd	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Construction													374.5	382.8	g	f	a	c	f	f	f	f	f	f	f	
Berwick Bank Firth of Forth	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Offshore Wind Farm	In Planning													375.5	385.8	g	d	e	c	f	f	f	f	f	f	f	
Seagreen Alpha	https://www.4coffshore.com/windfarms/united-kingdom/seagreen-	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Under Construction													375.5	385.8	g	f	c	c	f	f	f	f	f	f	f	

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX												
	united-kingdom-uk44.html																											
Forthwind Ltd	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Planned													387.7	387.3	g	f	c	f	f	f	f	f	f	f
Sandbank	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Completed													385.3	395.4	g	f	a	f	f	f	f	f	f	f
CampionWind Shell Wind Energy SPR E2	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	In Planning													387.3	404.4	g	f	c	c	f	f	f	f	f	f
Stangford Lough	https://www.ocean-energy-systems.org/ocean-energy/gis-map-tool/	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Tidal Energy	Active/In Operation													441.1	407.7	g	f	a	f	f	f	f	f	f	f
DanTysk	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Completed													401.8	411.5	g	f	a	f	f	f	f	f	f	f
Cluaran Deas Ear DEME E3	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Pre-planning Application													397.0	413.6	g	f	c	f	f	f	f	f	f	f
Hibernian Wind Power Ltd	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.597&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Pre-planning Application													453.9	414.9	g	f	c	f	f	f	f	f	f	f

Offshore Cumulative Effects Assessment Matrix - Military, Aviation and Radar

					Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
X5121 - X5120 - X5119 N+S Galloper Kentish Knock	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active														176.3	163.5	f	f	g	f	a	f	f	a	f	f	f	f
X5117 Outer Gabbard	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Mine Counter Measures.	Active														173.3	158.6	f	f	g	f	a	f	f	a	f	f	f	f
X5118 Gunfleet	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active														172.3	155.7	f	f	g	f	a	f	f	a	f	f	f	f
D138B SHOEBURYNNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active														197.4	178.8	f	f	g	f	a	f	f	a	f	f	f	f
D138A SHOEBURYNNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active														201.1	180.3	f	f	g	f	a	f	f	a	f	f	f	f
D139 FINGRINGHOE	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Demolition of UXO and Unmanned Aircraft Systems (VLOS).	Active														183.2	160.0	f	f	g	f	a	f	f	a	f	f	f	f

Offshore Cumulative Effects Assessment Matrix - Military, Aviation and Radar

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
D138 SHOEBURYNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active														206.2	183.4	f	f	g	f	a	f	f	a	f	f	f	f
D138C SHOEBURYNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active														205.5	182.6	f	f	g	f	a	f	f	a	f	f	f	f
D136 SHOEBURYNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Demolition of UXO, Pilotless Target Aircraft and Unmanned Aircraft Systems (VLOS / BVLOS).	Active														197.4	178.8	f	f	g	f	a	f	f	a	f	f	f	f
D208 STANFORD	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Parachute Dropping, Bombing, Live Firing, Air Firing, Demolition of UXO, High Energy Manoeuvres and Unmanned Aircraft System (VLOS).	Active														105.6	78.2	f	f	g	f	a	f	f	a	f	f	f	f
D206 CARDINGTON	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Balloons and Unmanned Aircraft Systems (VLOS / BVLOS).	Active														181.2	134.7	f	f	g	f	a	f	f	a	f	f	f	f

Offshore Cumulative Effects Assessment Matrix - Military, Aviation and Radar

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
D207 HOLBEACH	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Bombing, Live Firing, Air Firing, Demolition of UXO, High Energy Manoeuvres and Unmanned Aircraft System (VLOS).	Active														78.3	33.8	f	f	g	f	a	f	f	a	a	f	f	f
D215 NORTH LUFFENHAM	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Demolition of UXO - SITE TO CLOSE IN 2020 /2021.	Active														145.4	92.1	f	f	g	f	a	f	f	a	f	f	f	f
D129 WESTON ON THE GREEN	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Parachute Dropping.	Active														232.2	181.3	f	f	g	f	a	f	f	a	f	f	f	f
D323D SOUTHERN MDA	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active														0.0	6.5	f	f	b	b	a	f	f	a	a	f	c	d
D307 DONNA NOOK	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Bombing, Live Firing, Air Firing, Demolition of UXO, High Energy Manoeuvres and Unmanned Aircraft System (VLOS).	Active														42.8	14.6	f	f	g	f	a	f	f	a	a	f	c	f

Offshore Cumulative Effects Assessment Matrix - Military, Aviation and Radar

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
D213 KINETON	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Demolition of UXO.	Active													224.1	170.7	f	f	g	f	a	f	f	a	f	f	f	f
D305 BECKINGHAM	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Air Firing, Military Exercises, Bombing, Demolition of UXO, High Energy Manoeuvres and Unmanned Aircraft System (VLOS).	Active													122.0	69.4	f	f	g	f	a	f	f	a	f	f	f	f
D412 STAXTON	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Air to Air Firing.	Active													126.1	142.8	f	f	g	f	a	f	f	a	f	f	f	f
D410 STRENSALL	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing and Unmanned Aircraft Systems (VLOS).	Active													140.5	120.1	f	f	g	f	a	f	f	a	f	f	f	f
D314 HARPUR HILL	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Explosions and Demolition of UXO.	Active													196.6	149.4	f	f	g	f	a	f	f	a	f	f	f	f

Offshore Cumulative Effects Assessment Matrix - Military, Aviation and Radar

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
D304 UPPER HULME	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Military Exercises and Unmanned Aircraft Systems (VLOS).	Active													198.5	150.2	f	f	g	f	a	f	f	a	f	f	f	f	f
D442 BELLERBY	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Military Exercises and Unmanned Aircraft Systems (VLOS / BVLOS) (less than 150 Kts).	Active													205.6	185.4	f	f	g	f	a	f	f	a	f	f	f	f	f
D408 FELDOM	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Demolition of UXO and Unmanned Aircraft Systems (VLOS / BVLOS) (less than 150 Kts).	Active													208.5	190.7	f	f	g	f	a	f	f	a	f	f	f	f	f
D213 KINETON	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Demolition of UXO.	Active													224.1	170.7	f	f	g	f	a	f	f	a	f	f	f	f	f
D211 SWYNNERTON	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Demolition of UXO and Unmanned Aircraft Systems (VLOS).	Active													225.6	174.4	f	f	g	f	a	f	f	a	f	f	f	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)													Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032-20XX															
Endurance	https://opendata-thecrownstate.opendata.arcgis.com/datasets/8cae2b24b1f6457c8311af3e794246d3	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													43.2	60.0	f	f	g	f	c	f	c	f	f	f	f	c	f
SNS Area 8	TCE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Storage Licence Round	Licensing Round Area													21.1	28.6	f	f	f	f	c	f	e	f	f	f	f	c	f
SNS Area 7	TCE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Storage Licence Round	Licensing Round Area													76.9	92.0	f	f	f	f	c	f	e	f	f	f	f	f	f
SNS Area 6	TCE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Storage Licence Round	Licensing Round Area													0.0	16.1	e	e	e	e	c	f	e	e	f	f	c	e	
SNS Area 5	TCE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Storage Licence Round	Licensing Round Area													109.4	124.6	f	f	f	f	c	f	e	f	f	f	f	f	f
SNS Area 4	TCE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Storage Licence Round	Licensing Round Area													26.6	30.2	f	f	f	f	c	f	e	f	f	f	c	f	
SNS Area 3	TCE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Storage Licence Round	Licensing Round Area													9.8	0.0	e	e	e	e	c	f	e	e	f	f	c	e	

														Construction Period (red outline denotes ODOW offshore construction period)															
Project	Data Confidence Assessment	Notes	Status of Development												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031															2032 - 20XX
Stratos	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Disused													21.2	27.6	d	d	a	a	a	f	a	a	f	a	a	f
Triton Knoll	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Under Construction													14.3	0.0	c	c	a	a	a	f	a	a	f	a	c	a
Race Bank OFTO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													28.6	3.6	c	c	a	a	a	f	a	a	f	a	c	f
Lincs	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													49.6	4.2	c	c	a	a	a	f	a	a	f	a	c	f
Inner Dowsing	High - Third party project details published in the public domain and confirmed as	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													52.5	5.4	c	c	a	a	a	f	a	a	f	a	c	f

Offshore Cumulative Effects Assessment Matrix - Cables and Pipelines

				Construction Period (red outline denotes ODOW offshore construction period)											Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
Project	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031															2032 - 20XX
Hornsea Project 2 OFTO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													5.2	18.1	c	c	a	a	a	f	c	a	f	a	c	f
Sheringham Shoal OFTO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													39.9	23.1	f	f	g	f	a	f	a	a	f	a	c	f
Hornsea 3 Transmission Asset	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Consented													19.2	25.5	f	f	g	f	c	f	c	f	f	f	c	f
Humber Gateway OFTO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													51.1	39.3	f	f	g	a	a	f	a	a	f	a	c	f
Hornsea Project 4 (HOW04) OFTO	High - Third party project details published in the public domain and confirmed as	Offshore Wind Farm Export Cable (O&G)	Under Review - Decision due July 2023													36.2	53.0	f	f	g	f	c	f	c	f	f	f	c	f

Construction Period (red outline denotes ODOV offshore construction period)														Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities			
Project	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030															2031	2032 - 20XX	
	being 'accurate' by the Crown Estate																													
Juliet to Pickerill A Gas Pipeline (Neptune E & P)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Abandoned													0.0	12.4	d	d	a	a	a	f	a	a	f	a	a	g	a
Gas Shearwater to Bacton Seal Line (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													0.0	0.0	c	c	c	c	c	f	a	a	f	a	a	c	a
Pickerill A to Pickerill B Chemical line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													0.0	6.3	d	d	a	a	a	f	a	a	f	a	a	g	a
Pickerill A to Theddlethorpe Chemical line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													0.0	2.2	d	d	a	a	a	f	a	a	f	a	a	g	a

Offshore Cumulative Effects Assessment Matrix - Cables and Pipelines

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
Galahad Tee to Malory Meg Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													0.0	1.8	d	d	a	a	a	f	a	a	f	a	g	a
Malory to Galahad Tee Gas Export (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													0.0	1.8	c	c	a	a	a	f	a	a	f	a	c	a
Lancelot to Galahad Meg Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													0.0	0.0	d	d	a	a	a	f	a	a	f	a	g	a
Galahad to Lancelot Tee Gas Export (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													0.0	0.0	d	d	a	a	a	f	a	a	f	a	g	a
Theddlethorpe to Murdoch MD Gas line (Chrysaor)	High - Third party project details published in the public domain and confirmed as	Pipeline	Disused													0.7	2.3	d	d	a	a	a	f	a	a	f	a	g	a

Offshore Cumulative Effects Assessment Matrix - Cables and Pipelines

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities												
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX																										
	being 'accurate' by the Crown Estate																																								
Theddlethorpe to Murdoch MD Meoh Line (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused																									0.7	2.3	d	d	a	a	a	f	a	a	f	a	g	a
Gas Barque PB to Clipper PT (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation																									0.9	8.6	c	c	a	a	a	f	a	a	f	a	c	a
Lancelot to Excalibur Meg Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused																									3.9	0.5	d	d	a	a	a	f	a	a	f	a	g	a
Excalibur to Lancelot Tee Gas Export (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation																									3.9	0.5	c	c	a	a	a	f	a	a	f	a	c	a

Offshore Cumulative Effects Assessment Matrix - Cables and Pipelines

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
Esmond to Bacton Gas Export Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													4.2	11.5	c	c	a	a	a	f	a	a	f	a	c	f
Gas Barque PL to Clipper PM (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													6.5	14.3	c	c	a	a	a	f	a	a	f	a	c	f
Meg Clipper PM to Barque PL (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													6.5	14.3	c	c	a	a	a	f	a	a	f	a	c	f
Lancelot to Guinevere Meg Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													8.1	1.2	d	d	a	a	a	f	a	a	f	a	g	a
Guinevere to Lancelot Gas Export (Perenco)	High - Third party project details published in the public domain and confirmed as	Pipeline	Disused													8.1	1.2	d	d	a	a	a	f	a	a	f	a	g	a

Construction Period (red outline denotes ODOW offshore construction period)														Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities		
Project	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030															2031	2032 - 20XX
	being 'accurate' by the Crown Estate																												
Newsham to West Sole Gas Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													8.3	25.1	c	c	a	a	a	f	a	a	f	a	c	f
West sole to Easington Gas Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													8.4	25.1	c	c	a	a	a	f	a	a	f	a	c	f
Amethyst B1D to Amethyst A2D Chemical Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													8.4	22.3	d	d	a	a	a	f	a	a	f	a	g	f
Seven Seas to Newsham Gas Export (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													9.2	25.8	c	c	a	a	a	f	a	a	f	a	c	f

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
West Sole E to West Sole B (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													9.2	25.9	d	d	a	a	a	f	a	a	f	a	g	f
Bacton to Lancelot Meg Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													10.4	6.3	d	d	a	a	a	f	a	a	f	a	g	f
Lancelot to Bacton Gas Export (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													10.4	6.3	c	c	a	a	a	f	a	a	f	a	c	f
West sole to Easington Gas Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													10.5	27.3	c	c	a	a	a	f	a	a	f	a	c	f
Hoton Gas Pipeline (Perenco)	High - Third party project details published in the public domain and confirmed as	Pipeline	Disused													10.5	27.3	d	d	a	a	a	f	a	a	f	a	g	f

Offshore Cumulative Effects Assessment Matrix - Cables and Pipelines

Construction Period (red outline denotes ODOW offshore construction period)														Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities		
Project	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030															2031	2032 - 20XX
	being 'accurate' by the Crown Estate																												
Hyde to West Sole Bravo Gas Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													10.6	27.3	c	c	a	a	a	f	a	a	f	a	c	f
West Sole WB to West Sole WC Gas Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													10.6	27.3	d	d	a	a	a	f	a	a	f	a	g	f
Babbage export top West Sole (Neo)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													10.6	27.4	c	c	a	a	a	f	a	a	f	a	c	f
Waveney to Lancelot Gas Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													10.7	6.6	c	c	a	a	a	f	a	a	f	a	c	f

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
Loggs PP to Theddlethorpe Gas Line (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													10.7	0.0	d	d	a	a	a	f	a	a	f	a	g	a
Loggs PP to Theddlethorpe Meoh Line (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													10.7	0.0	d	d	a	a	a	f	a	a	f	a	g	a
Viking AR to Theddlethorpe Gas Line (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													13.0	0.0	d	d	a	a	a	f	a	a	f	a	g	a
Viking AR to Theddlethorpe Meoh Line (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													13.0	0.0	d	d	a	a	a	f	a	a	f	a	g	a
Meg Clipper PR to Carrack QA (Shell)	High - Third party project details published in the public domain and confirmed as	Pipeline	Active/In Operation													13.3	20.4	c	c	g	f	a	f	a	a	f	a	c	f

				Construction Period (red outline denotes ODOV offshore construction period)											Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities		
Project	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031															2032 - 20XX	
Ensign NPAI to Audrey WD Gas Export (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														14.9	22.6	d	d	g	a	a	f	a	a	f	a	g	f
Audrey WD to Ensign NPAI Methanol Line (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														14.9	22.6	d	d	g	a	a	f	a	a	f	a	g	f
Clipper South to Clipper (Ineos)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation														15.0	20.6	f	f	g	f	a	f	a	a	f	a	c	f
Gas Galleon PG to Clipper PM (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation														15.0	20.7	f	f	g	f	a	f	a	a	f	a	c	f
Methanol Galleon PG to Clipper PM (Shell)	High - Third party project details published in the public domain and confirmed as	Pipeline	Active/In Operation														15.0	20.7	f	f	g	f	a	f	a	a	f	a	c	f

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
Durango to Waveney (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													15.3	3.4	d	d	a	a	a	f	a	a	f	a	g	f
Ensign Production Pipeline (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													15.6	23.4	d	d	g	a	a	f	a	a	f	a	g	f
Amethyst A2D to Easington (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													16.7	28.2	d	d	g	a	a	f	a	a	f	a	g	f
Helvellyn (Alpha Petroleum)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													16.7	29.5	f	f	g	f	a	f	a	a	f	a	c	f
Anglia Yd to Anglia YM Gas Line (Ithaca)	High - Third party project details published in the public domain and confirmed as	Pipeline	Active/In Operation													18.0	18.2	f	f	g	f	a	f	a	a	f	a	c	f

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
Amethyst C1D to Amethyst A1D (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													20.0	28.5	d	d	g	a	a	f	a	a	f	a	g	f
Loggs to Clipper South Methanol (Ineos)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													21.3	26.0	d	d	g	a	a	f	a	a	f	a	g	f
Clipper South to Loggs Gas (Ineos)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													21.3	26.0	d	d	g	a	a	f	a	a	f	a	g	f
Elgood to Blythe Gas (IOG)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	In Planning													21.7	14.5	g	g	g	d	e	f	a	f	f	f	c	f
Elgood to Blythe Gas (IOG)	High - Third party project details published in the public domain and confirmed as	Pipeline	In Planning													21.8	14.6	g	g	g	d	e	f	a	f	f	f	c	f

Construction Period (red outline denotes ODOW offshore construction period)														Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities		
Project	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030															2031	2032 - 20XX
	being 'accurate' by the Crown Estate																												
Annabel to Audrey A (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													27.8	35.4	d	d	g	a	a	f	a	a	f	a	g	f
Audrey XW to Ann XM (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													28.3	35.9	d	d	g	a	a	f	a	a	f	a	g	f
Audrey XW to Audrey WD Meoh Line (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													28.3	35.9	d	d	g	a	a	f	a	a	f	a	g	f
Audrey XW to Audrey WD Gas (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Abandoned													28.3	35.9	d	d	g	a	a	f	a	a	f	a	g	f

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
Audrey XW to Alison KX (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													28.3	36.0	d	d	g	a	a	f	a	a	f	a	g	f
Saturn ND to Loggs PR (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													28.6	37.6	d	d	g	a	a	f	a	a	f	a	g	f
Loggs PR to Saturn ND (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													28.6	37.6	d	d	g	a	a	f	a	a	f	a	g	f
Annabel Wells 1 & 2 to Annabel Manifold (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													28.9	37.2	d	d	g	a	a	f	a	a	f	a	g	f
Blythe to Thames Tie-In Gas Export	High - Third party project details published in the public domain and confirmed as	Pipeline	In Planning													29.7	22.1	f	f	g	d	e	f	a	f	f	f	c	f

Construction Period (red outline denotes ODOW offshore construction period)

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)											Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities										
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031															2032 - 20XX									
	being 'accurate' by the Crown Estate																																					
Blythe to Thames Tie-In Gas Export	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	In Planning														29.7	22.2	f	f	g	d	e	f	a	f	f	f	f	c	f							
Audrey WM to Audrey WD (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														30.6	38.1	d	d	g	a	a	f	a	a	f	a	g	f								
Audrey WD to Loggs PP Gas (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														31.1	38.5	d	d	g	a	a	f	a	a	f	a	g	f								
Audrey WD to Loggs PP Meoh (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														31.1	38.5	d	d	g	a	a	f	a	a	f	a	g	f								

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
Ceres to Mercury Export (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation														32.2	46.1	f	f	g	f	a	f	a	a	f	a	c	f
Eris to Mercury Export (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation														32.2	46.1	f	f	g	f	a	f	a	a	f	a	c	f
Tethys to Saturn Tee (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														33.5	41.2	f	f	g	a	a	f	a	a	f	a	g	f
Saturn to Tethys (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														33.5	41.2	d	d	g	a	a	f	a	a	f	a	g	f
Vampire OD to Loggs PR Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as	Pipeline	Disused														33.7	40.0	d	d	g	a	a	f	a	a	f	a	g	f

Offshore Cumulative Effects Assessment Matrix - Cables and Pipelines

Construction Period (red outline denotes ODOW offshore construction period)														Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities													
Project	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030															2031	2032 - 20XX											
	being 'accurate' by the Crown Estate																																							
Vampire OD to Loggs PR Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														33.7	40.0	d	d	g	a	a	f	a	a	f	a	a	f	a	g	f							
Viscount VO to Vampire OD Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														33.8	40.6	d	d	g	a	a	f	a	a	f	a	a	f	a	g	f							
Viscount VO to Vampire OD Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														33.8	40.6	d	d	g	a	a	f	a	a	f	a	a	f	a	g	f							
Ann XM ro Loggs PR (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														34.2	40.0	d	d	g	a	a	f	a	a	f	a	a	f	a	g	f							

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
Viking to Loggs Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														34.2	40.0	d	d	g	a	a	f	a	a	f	a	g	f
Loggs to Viking Methanol (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														34.2	40.0	d	d	g	a	a	f	a	a	f	a	g	f
Ganymede ZD to Loggs PR Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														34.3	40.1	d	d	g	a	a	f	a	a	f	a	g	f
Ganymede ZD to Loggs PR Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														34.3	40.1	d	d	g	a	a	f	a	a	f	a	g	f
Vulcan RD to Loggs PP Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as	Pipeline	Disused														34.4	40.2	d	d	g	a	a	f	a	a	f	a	g	f

				Construction Period (red outline denotes ODOW offshore construction period)											Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities		
Project	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031															2032 - 20XX	
North Valiant SP to Loggs PP (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														34.4	40.2	d	d	g	a	a	f	a	a	f	a	g	f
Vanguard QD to Loggs PP Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														34.4	40.2	d	d	g	a	a	f	a	a	f	a	g	f
Vanguard QD to Loggs PP Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														34.4	40.2	d	d	g	a	a	f	a	a	f	a	g	f
Mercury to Neptune (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation														34.8	46.4	f	f	g	f	a	f	a	a	f	a	c	f
Johnston J5 Export (Harbour)	High - Third party project details published in the public domain and confirmed as	Pipeline	Active/In Operation														39.2	56.2	f	f	g	f	a	f	a	a	f	a	c	f

Offshore Cumulative Effects Assessment Matrix - Cables and Pipelines

Construction Period (red outline denotes ODOW offshore construction period)														Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities		
Project	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030															2031	2032 - 20XX
	being 'accurate' by the Crown Estate																												
JFE Production (Harbour)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													39.3	56.2	f	f	g	f	a	f	a	a	f	a	c	f
Vulcan UR to Vulcan RD Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													41.8	45.5	d	d	g	a	a	f	a	a	f	a	g	f
Vulcan UR to Vulcan RD Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													41.8	45.5	d	d	g	a	a	f	a	a	f	a	g	f
Viking BD to Viking ED Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													41.9	48.6	d	d	g	a	a	f	a	a	f	a	g	f

				Construction Period (red outline denotes ODOF offshore construction period)											Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities		
Project	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031															2032 - 20XX	
Viking BD to Viking ED Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused														41.9	48.6	d	d	g	a	a	f	a	a	f	a	g	f
Johnston Export (Harbour)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation														44.2	60.8	f	f	g	f	a	f	a	a	f	a	c	f
Johnston Methanol (Harbour)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation														44.2	60.8	f	f	g	f	a	f	a	a	f	a	c	f
Ravenspurn North Export (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation														44.3	61.0	f	f	g	f	a	f	a	a	f	a	c	f
Ravenspurn North ST3 to RNCP (Perenco)	High - Third party project details published in the public domain and confirmed as	Pipeline	Active/In Operation														44.3	61.0	f	f	g	f	a	f	a	a	f	a	c	f

Offshore Cumulative Effects Assessment Matrix - Cables and Pipelines

Construction Period (red outline denotes ODOW offshore construction period)														Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities		
Project	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030															2031	2032 - 20XX
	being 'accurate' by the Crown Estate																												
Ravenspurn North ST-2 Infield (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													44.4	61.0	f	f	g	f	a	f	a	a	f	a	c	f
Viking KD to Viking BD Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													44.8	52.2	d	d	g	a	a	f	a	a	f	a	g	f
Viking KD to Viking BD Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													44.8	52.2	d	d	g	a	a	f	a	a	f	a	g	f
Viking LD to PL1571 Tee (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													45.9	53.0	d	d	g	a	a	f	a	a	f	a	g	f

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)											Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031															2032 - 20XX
Viking LD to PL1573 Tee (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													45.9	53.0	d	d	g	a	a	f	a	a	f	a	g	f
48/29-9 TO 48/29C Gas Export (ENI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													46.0	42.8	d	d	g	a	a	f	a	a	f	a	g	f
Neptune to Cleeton (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													46.1	62.8	f	f	g	f	a	f	a	a	f	a	c	f
Cleeton CP to Ravenspurn A (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													46.5	63.3	f	f	g	f	a	f	a	a	f	a	c	f
Viking AR to Viking BP Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as	Pipeline	Disused													46.9	54.4	d	d	g	a	a	f	a	a	f	a	g	f

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
Viking BD to Viking GD Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													48.0	54.9	d	d	g	a	a	f	a	a	f	a	g	f
Viking BD to Viking GD Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													48.0	54.9	d	d	g	a	a	f	a	a	f	a	g	f
Vixen VM to Viking BD Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													48.1	54.5	d	d	g	a	a	f	a	a	f	a	g	f
Vixen VM to Viking BD UMB (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													48.1	54.5	d	d	g	a	a	f	a	a	f	a	g	f
Apollo to Minerva (Perenco)	High - Third party project details published in the public domain and confirmed as	Pipeline	Active/In Operation													49.0	62.1	f	f	g	f	a	f	a	a	f	a	c	f

Construction Period (red outline denotes ODOF offshore construction period)															Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
Project	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031															2032 - 20XX
	being 'accurate' by the Crown Estate																												
Thames Export (IOG PLC)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	In Planning													49.3	45.3	f	f	g	d	e	f	a	f	f	f	c	f
Rough 47/3B Import/Export (Centrica)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													49.4	44.3	f	f	g	f	a	f	a	a	f	a	c	f
LX1 Well to Viking Bravo (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													49.6	56.6	d	d	g	a	a	f	a	a	f	a	g	f
Wenlock Service Pipeline (Alpha Petroleum)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													49.9	57.5	f	f	g	f	a	f	a	a	f	a	c	f

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX															
Wenlock Gas (Alpha Petroleum)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation														49.9	57.5	f	f	g	f	a	f	a	a	f	a	c	f
Viking Link	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Interconnector	In construction														22.1	3.9	c	c	c	c	c	f	a	a	f	f	c	g
LOGGS PP To Theddlethorpe gas line	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Gas	Not in use														10.7	0	f	f	d	d	a	f	a	a	f	a	g	a
NSTA Pipeline: Theddlethorpe to Murdoch MD MEOH LINE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Gas (methanol)	Not in use														0.7	2.4	f	f	d	d	a	f	a	a	f	a	g	f
NSTA Pipeline: Pickerall A to Theddlethorpe	Medium - Third party project details published in the public domain but	Chemical	Not in use														0	2.17	f	f	d	d	a	f	a	a	f	a	g	f

Offshore Cumulative Effects Assessment Matrix - Cables and Pipelines

				Construction Period (red outline denotes ODOV offshore construction period)										Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascope, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities			
Project	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030															2031	2032 - 20XX	
	not confirmed as being 'accurate'																													
NSTA Pipeline: Lancelot Tee to Galahad Tee	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Chemical	Not in use														0	0	f	f	d	d	a	f	a	a	f	a	g	a
NSTA Pipeline: Galahad Tee to Malory	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Chemical	Not in use														0	1.83	f	f	d	d	a	f	a	a	f	a	g	a
NSTA Pipeline: 16" Gas Barque PB - Clipper PT	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Gas	Active														0.91	8.6	f	f	a	a	a	f	a	a	f	a	c	a

Area	Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOV offshore construction period)										Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities											
						2021	2022	2023	2024	2025	2026	2027	2028	2029	2030															2031	2032-20XX									
Humber Estuary	Hanson Aggregates Marine Ltd (400)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation																				36.6	2.9	c	c	b	b	a	f	f	f	f	f	c	f		
HU149	North West Zone Area 107	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed																					37.4	4.6	g	g	a	a	a	f	f	f	f	f	f	g	g
Inner Dowsing	Tarmac Marine Ltd (481/2)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation																					33.3	4.7	g	g	a	a	a	f	f	f	f	f	c	f	
HU204	Triton Knoll	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed																					8.1	5.2	g	g	a	a	a	f	a	a	f	f	g	g	
Humber Overfalls	Tarmac Marine Ltd (493)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation																					39.6	6.1	c	c	b	b	a	f	f	f	f	f	c	f	
Off Saltfleet	Tarmac Marine Ltd (197)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation																					36.9	6.4	c	c	b	b	a	f	f	f	f	f	c	f	

Offshore Cumulative Effects Assessment Matrix - Aggregates and Disposal

Area	Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOV offshore construction period)											Dist ance from the arra y area (km)	Dist ance from the Off shore Exp ort Cabl e Corr idor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities															
						2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031															2032-20XX														
Humber Estuary	Hanson Aggregates Marine Ltd (106/2)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation																									27.6	8.6	c	c	b	b	a	f	f	f	f	f	f	c	f	
HU116	Pickerill Field	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed																									46.5	9.5	g	g	a	a	a	f			f	f		f	g	g
Humber Estuary	Hanson Aggregates Marine Ltd (106/1)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation																									30.4	10.2	c	c	b	b	a	f	f	f	f	f	f	c	f	
HU147	Dudgeon OWF	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed																									19.9	11.1	g	g	a	a	a	f	f	f	f	f	f	g	g	
HU100	Spurn Head	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed																									27.5	17.8	g	g	a	a	a	f	f	f	f	f	f	g	g	
HU125	New Lynn Knock Buoy	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed																									61.7	18.5	g	g	a	a	a	f			f	f		f	g	g

Offshore Cumulative Effects Assessment Matrix - Aggregates and Disposal

														Construction Period (red outline denotes ODOV offshore construction period)																	
Area	Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032-20XX	Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
HU120	Lynn Knock Buoy	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													61.4	19.5	g	g	a	a	a	f	f	f	f	f	g	g
HU209	Hornsea Disposal Site Area 2A	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													4.4	21.1	g	g	a	a	a	f	a	a	f	f	g	g
HU210	Hornsea Disposal Site Area 2B	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													7.3	23.9	g	g	a	a	a	f	a	a	f	f	g	g
HU205	Hornsea Disposal Area 1	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open - used for Hornsea One sandwave clearance until completion - completed 2019													9.1	24.1	c	c	b	b	a	f	a	a	f	f	c	f
Humber 1	CEMEX UK Marine Ltd (514/1)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation													44.2	28.8	f	f	g	f	a	f	f	f	f	f	c	f
Humber 4	CEMEX UK Marine Ltd (514/4)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation													27.2	30.0	f	f	g	f	a	f	f	f	f	f	c	f

Area	Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)											Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities												
						2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031															2032-20XX											
HU128	Boston Deep	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open																						80.1	30.6	f	f	g	f	a	f			f	f			c	f
Humber 3	DEME Building Materials Ltd (484)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation																						24.1	30.8	f	f	g	f	a	f	f	f	f	f	f	c	f	
Humber 2	CEMEX UK Marine Ltd (514/2)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation																						41.2	32.1	f	f	g	f	a	f	f	f	f	f	f	c	f	
Inner Dowsing	Tarmac Marine Ltd	481/1	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Production Agreement Area	Open																						6.1	32.1	c	c	c	c	c	f			a	a	f	f	c	f
HU070	New Sand Hole	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed																						42.0	32.5	g	g	a	a	a	f	f	f	f	f	f	g	g	
Inner Dowsing	Van Oord Ltd	481/2	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Production Agreement Area	Open																						1.9	33.3	c	c	c	c	c	f			a	a	f	f	c	f

Offshore Cumulative Effects Assessment Matrix - Aggregates and Disposal

Area	Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)											Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Environmental Categories													
						2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031			2032-20XX	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities	
Humber 3	CEMEX UK Marine Ltd 514/3	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec57	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Open															f	f	g	f	a	f	f	f	f	f	f	f	