FIVE ESTUARIES OFFSHORE WIND FARM

PRELIMINARY ENVIRONMENTAL INFORMATION REPORT

VOLUME1, ANNEX 3.1: CUMULATIVE EFFECTS ASSESSMENT METHODOLOGY

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DEFINITION OF ACRONYMS

Term	Definition
CEA	Cumulative Effects Assessment
ECC	Export Cable Corridor
EIA	Environmental Impact Assessment
EN-1	Overarching NPS for Energy
EN-3	NPS for Renewable Energy Infrastructure
EN-5	Electricity Networks Infrastructure
HRA	Habitats Regulations Assessment
MDS	Maximum Design Scenario
MHWS	Mean High-Water Springs
MPS	Marine Policy Statement
MW	Megawatts
NPSs	National Policy Statements
NSIPs	Nationally Significant Infrastructure Projects
O&M	Operation and Maintenance
PEIR	Preliminary Environmental Information Report
PINS	Planning Inspectorate
RIAA	Report to Inform the Appropriate Assessment
VE	Five Estuaries Offshore Wind Farm
ZoI	Zone of Influence

1 INTRODUCTION

1.1 BACKGROUND

1.1.1 Cumulative effects are defined as the effects on a receptor that may arise when the development is considered together with other existing and/ or approved projects, plans and activities. A fundamental requirement of undertaking the Cumulative Effects Assessment (CEA) is to identify those projects, plans and activities with which Five Estuaries Offshore Wind Farm (VE) may interact to produce a cumulative effect. These interactions may arise within the construction and operation and maintenance (O&M) phases of the project. Please note that due to the anticipated lifetime of the project (anticipated to be up to 40years), it is not possible to undertake a meaningful assessment of potential cumulative effects for the decommissioning phase at this time, which is in line with common practice for Offshore Wind Nationally Significant Infrastructure Projects (NSIPs).

1.1.2 The objective of this document is to provide details on the proposed methodology for VE for each of the assessments, justification for the approach taken regarding cumulative effects, and to detail the longlist of projects, plans and activities that have been considered within the assessments. The approach for assessing cumulative effect is based upon the Planning Inspectorate (PINS) Advice Note 17: Cumulative Effects Assessment, which is described in further detail in Section 2. The approach to the CEA is intended to be specific to VE and takes account of the extensive available knowledge of the environment and of the other activities in the vicinity of VE.

1.2 DEFINITIONS OF CUMULATIVE AND IN-COMBINATION EFFECTS FOR VE

1.2.1 The Preliminary Environmental Information Report (PEIR) sets out the preliminary findings of the Environmental Impact Assessment (EIA). The focus of the EIA is on the assessment of the impacts which are likely to have significant effects on the environment including an assessment of cumulative effects. For the purpose of the CEA process, cumulative effects are defined as effects upon certain receptors from VE when considered alongside other proposed developments and any other reasonably foreseeable projects and activities. This includes all projects that result in a comparative or ongoing effect and is not restricted to offshore wind farms, offshore and onshore electrical systems, or projects that are pre--commencement.

1.2.2 In-combination effects are defined as the combined effect of VE, with the effects from a number of different projects, on the integrity of European Sites designated for their nature conservation value in terms of the Habitats Regulations Assessment (HRA). The methodology for in-combination effects is bespoke to the HRA process (though it will draw on many of the same data sources presented in this document) and is presented separately within the Report to Inform the Appropriate Assessment (RIAA).

1.2.3 Cumulative effects apply in the EIA, whilst in-combination effects apply to the RIAA in HRA terms. These definitions are consistent with those provided in Advice Note 17 (PINS, 2019) and have been applied throughout the PEIR documentation. This document therefore presents the first stages of the CEA for the EIA only.

2 POLICY AND LEGISLATIVE CONTEXT

2.1.1 The Planning Act 2008 underpins the consenting regime for NSIPs. The Planning Act 2008 sets out thresholds above which certain types of development are classified as NSIPs and therefore require a DCO in England and Wales. For offshore energy developments in English waters (including offshore wind), projects are classed as NSIPs if they have a generating capacity of over 100 megawatts (MW) under section 15(3) of the Planning Act 2008. VE will exceed this generating capacity and therefore is classed as an NSIP.

2.1.2 The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (the 'EIA Regulations') implement the requirements of the EIA Directive (Directive 2014/52/EU) into UK law in respect of NSIPs. A CEA is required under Schedule 4, Paragraph 5(e) of the EIA Regulations.

2.1.3 The National Policy Statements (NPSs) set out national (UK) policy relating to NSIPs. In line with the Energy White Paper, the NPSs are currently undergoing revision following consultation in late 2021. This document and the PEIR refer primarily to the extant NPSs, as these remain the primary policy tests of relevance. The draft NPSs are however considered important and relevant and referred to throughout the PEIR when appropriate.

2.1.4 The Overarching NPS for Energy (EN-1) (DECC, 2011a) states at paragraph 4.2.5: *"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)."*

2.1.5 The NPS for Renewable Energy Infrastructure (EN-3) (DECC, 2011b) (states at paragraph 2.6.169: *"In considering what interference, obstruction or danger to navigation and shipping is likely and its extent and nature, the IPC should have regard to the likely overall effect of the development in question and to any cumulative effects of other relevant proposed, consented and operational offshore wind farms."*

2.1.6 The Overarching NPS for Energy, the NPS for Renewable Energy Infrastructure and the NPS for Electricity Networks Infrastructure (EN-5) and their respective drafts identify the need to address the maximum potential adverse impacts. Matters considered to affect the maximum adverse impact are topic impacts, inter-relationships between topics, and cumulative effects. The Maximum Design Scenario (MDS), or envelope, is also sometimes referred to as the 'Rochdale Envelope'.

2.1.7 PINS has produced 'Advice Note 9: Rochdale Envelope' (2019) setting out the views of PINS regarding how this approach should be used in the context of the Planning Act 2008. The Rochdale Envelope approach is a well-understood concept that involves ensuring that any EIA is based on assessing the realistic MDS where flexibility or a range of options is sought as part of the consent application. This guidance confirms that in order to ensure a robust application of the Rochdale Envelope principle to the EIA process, this principle must also be applied to the CEA as well as the assessment of project specific, individual effects.

2.1.8 Advice Note 17 (PINS, 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. The proposed methodology, in accordance with Advice Note 17, is outlined in Section 4 below.

MARINE POLICY CONTEXT

2.1.9 The Government's Marine Policy Statement (MPS) sets out the need to address cumulative impacts or effects, stating in paragraph 2.3.2.1: *"when considering potential benefits and adverse effects, decision-makers should also consider any multiple and cumulative impacts of proposals in the light of other projects and activities".*

3 CONSULTATION

3.1.1 The CEA is the subject of detailed discussion between VE OWFL and various statutory and non-statutory authorities and stakeholders. This consultation has been captured under the auspices of the Evidence Plan process, via focused Expert Topic Groups (ETGs).

3.1.2 A summary of consultation related to the CEA to date is provided in Volume 1, Chapter 3: EIA Methodology.

3.2 OVERVIEW

3.2.1 Cumulative effects refer to effects upon receptors arising from VE when considered alongside all existing, and/ or reasonably foreseeable projects, plans and activities that results in a cumulative effect with any element of VE. It should be noted that existing projects are generally considered to be part of the existing baseline environment, except in cases where there is an ongoing effect; examples are loss of benthic habitat for an existing (offshore wind) project will generally form part of the baseline as the habitat was lost at that stage, whereas ongoing bird collisions associated with the same project would be considered ongoing. The exact approach taken by each technical topic is described within the CEA section of the relevant PEIR chapters.

3.2.2 The cumulative effects arising as a result of VE is a required part of the EIA as described in Section 2. Advice Note 17 (PINS, 2019) provides guidance on a staged process that can be used for CEAs for NSIPs, which is described below in Table 4.1.

3.2.3 The following sections set out the VE approach to completing Stages 1 to 3 (as described in Table 4.1 below), incorporating the development of the longlist (Appendix A), tiering of projects and the development of the topic-specific shortlists. These shortlists have been considered in detail in each of the topic-specific PEIR chapters to complete CEA Stage 4.

Table 4.1: Stages of the CEA process.

CEA Stage	Activity
Stage 1 – Establish the project's Zone of Influence (ZoI) and identify a longlist of 'other development'	The Project undertakes a desk study to identify the ZoI for the development for the topics that are proposed to be scoped into the EIA. The ZoI analysis is documented (i.e. table of topics and ZoI), with supporting mapping. The longlist of other plans and projects/activities is drawn up through a desk study of planning applications, development plan documents, relevant development frameworks and any other available sources to identify 'other development' within the ZoI. Information on each project (location, development type and timing, etc.) is documented, along with the certainty or tier assigned to the 'other development' (i.e. confidence it will take place in the current form and when it will take place in relation to the project). Advice Note 17 notes that the project should then consult with the relevant planning authority/ authorities and statutory consultees regarding the longlist (and ideally prior to the submission of the Scoping Report[1]).
Stage 2 – Screening of longlist: Identify a shortlist of 'other development' for the CEA	PINS has provided inclusions/ exclusion threshold criteria (PINS, 2019), against which the potential for 'other development' to give rise to significant cumulative effects by virtue of overlaps in temporal scope, the scale and nature of the 'other developments' and /or receiving environment, or any other relevant factors is assessed. From this assessment, a shortlist of 'other developments' to be included in the CEA is produced. It is noted that documented information on each of the 'other developments' is likely to be high level at this stage, outlining the key issues to take forward. Advice Note 17 (PINS, 2019) notes that the proposed inclusion/ exclusion should ideally be finalised prior to the request for a Scoping Opinion, and the project must consult with the relevant planning authorities and statutory consultees regarding the shortlist[1]).
Stage 3 – Information gathering	All available information on the 'other developments' within the shortlist generated at Stage 2 is collated to inform the CEA.

[1] Note: VE did not provide a longlist for consideration at Scoping for cumulative issues, this is/will be prepared for consultation at the PEIR stage following refinement of the Scoping boundary.

CEA Stage	Activity
Stage 4 – Assessment	The project reviews each of the 'other developments' in turn to assess whether cumulative effects may arise. This should also include, where relevant, consideration of any mitigation measures where adverse cumulative effects are identified and should clearly signpost to the relevant means of securing mitigation (e.g. DCO requirements and/or associated mitigation plans). It may be appropriate to ascertain the contribution of each development to the effect (via professional judgement) but should not be used as a means to shift the burden of mitigation. This may, however, be useful during the consultation with other developers to identify ways to jointly address mitigation measures to be implemented to reduce likely significant adverse cumulative effects.

3.3 STAGE 1 - ESTABLISH THE ZOI AND IDENTIFY THE LONGLIST OF 'OTHER DEVELOPMENT'

DEVELOPING THE LONGLIST

3.3.1 Under the first stage of the offshore CEA, a longlist of relevant projects, plans and activities occurring within a large study area have been developed around the VE Red Line Boundary (RLB) (including the array areas, onshore and offshore Export Cable Corridors (ECC), Substation Search Areas and the 400 kV Connection). Depending on the type of project, this generally encompasses a large area of the North Sea (offshore) (Table 4.2) and parts of Essex and Suffolk (onshore) (Table 4.3). The longlist (Appendix A) includes the details of the relevant operational or planned projects, plans and activities including those in the UK and adjoining international jurisdictions and has been based on publicly available information available at the time of preparation.

OFFSHORE

3.3.2 The longlist, 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 VE. The longlist will be reviewed post-PEIR consultation and for the purpose of the ES, and all relevant changes will be captured in the Environmental Statement chapter assessments.

3.3.3 Table 4.2 defines the search area extents that have been applied in developing the longlist of marine projects, plans and activities. It should be noted that the initial screening ranges were based on what are considered to be the maximum extents of potential impacts from those activities and are therefore considered to be highly precautionary. Impact-specific screening ranges used for individual topics use refined ranges depending on topic-specific criteria at Stage 2.

3.3.4 All projects, plans and activities within the search areas defined in Table 4.2 have been identified through a desktop study using, among others, the following data sources:

- PINS website;

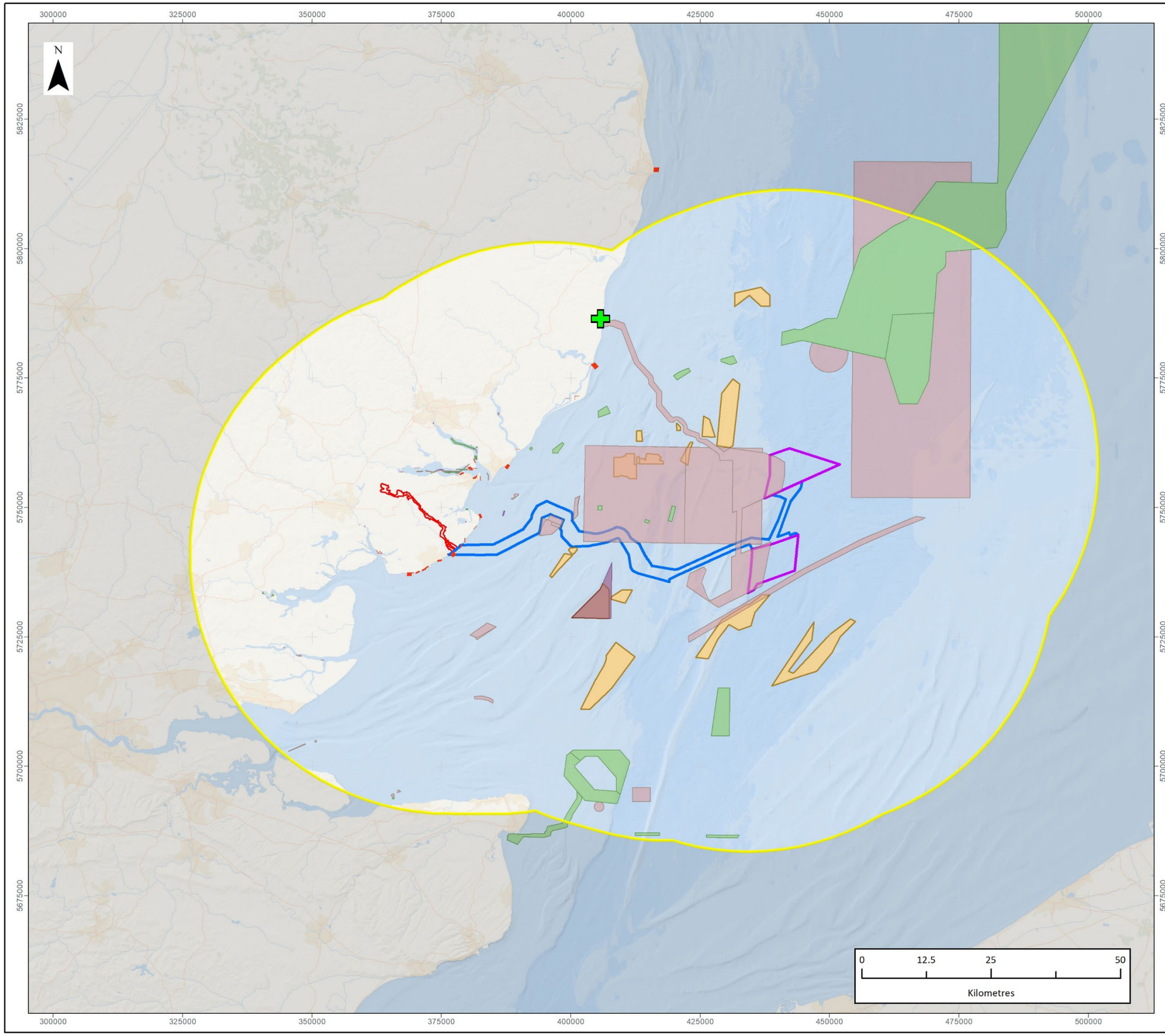
- The Crown Estate website;
- The Marine Management Organisation's Marine Case Management System
- European Marine Observation and Data Network (EMODnet) data;
- North Sea Transition Authority website; and
- Developer and project proponent websites.

3.3.5 The CEA longlist for projects is presented in Appendix A of this document. All offshore projects, plans and activities considered based on the ZoI criteria listed in Table 4.2 are presented in Figure 4.1 to Figure 4.5.

Table 4.2: Offshore longlist Zones of Influence

Type of project or activity	ZoI criteria	Rationale
Aggregate dredging and disposal	Up to 50 km from VE array areas and offshore ECC.	This range represents a precautionary maximum distance at which effects from aggregate dredging and disposal could occur.
Offshore energy, including Carbon Capture Storage	Up to 500 km from VE array areas and offshore ECC.	This range represents a precautionary maximum distance at which effects from offshore energy could occur.
Commercial fisheries	Up to 200 km from VE array areas and offshore ECC.	This range represents a precautionary maximum distance at which effects from commercial fisheries activities could occur.
Oil and gas	Up to 200 km from VE array areas and offshore ECC.	This range represents a precautionary maximum distance at which effects from oil and gas activities could occur.
Cables and pipelines	Up to 50 km from VE array areas and offshore ECC.	This range represents a precautionary distance at which effects from cables and pipelines could occur.
Shipping, Ports and Harbours	Up to 200 km from VE array areas and offshore ECC.	This range represents a precautionary maximum distance at which effects from commercial shipping activities could occur.

Type of project or activity	ZoI criteria	Rationale
Military, aviation and radar	Up to 200 km from VE array areas and offshore ECC.	This range represents a precautionary maximum distance at which effects from military, aviation and radar effects could occur.
Coastal developments	Up to 200 km from VE array areas and offshore ECC.	This range represents a precautionary maximum distance at which effects from major coastal development effects could occur.



LEGEND

- Array Areas
- Offshore Export Cable Corridor
- Onshore Red Line Boundary
- 50km Cumulative Effects ZOI
- Outfall Pipes
- Aggregate Areas

Disposal Sites:

- Open
- Disused
- Closed
- Sizewell C

Data Source:
Basemap: Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

PROJECT TITLE:

FIVE ESTUARIES OFFSHORE WINDFARM

DRAWING TITLE:

Locations of cumulative schemes: aggregates and disposal sites

VER	DATE	REMARKS	Drawn	Checked
1	10/03/2023	For Issue	SWM	SS

DRAWING NUMBER:

4.1

SCALE:	PLOT SIZE:	DATUM:	PROJECTION:
1:750,000	A3	WGS84	UTM31N

FIVE ESTUARIES OFFSHORE WIND FARM

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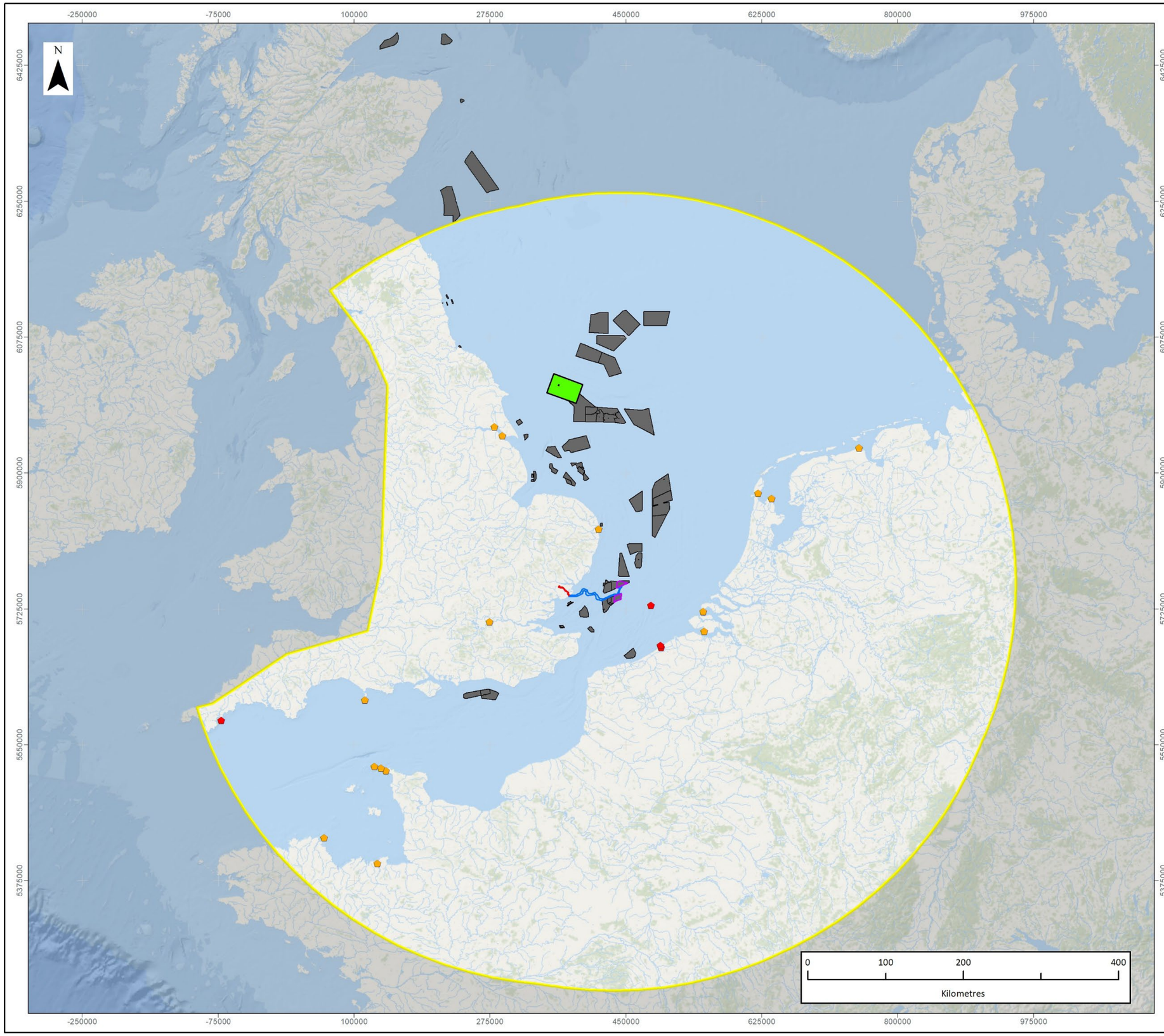

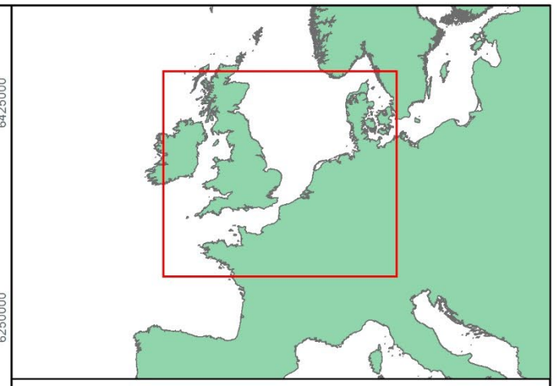

LEGEND

- Array Area
- Offshore Export Cable Corridor
- Onshore Red Line Boundary
- 500km Cumulative Effects ZOI (Exc. Irish Sea)
- Carbon Capture and Storage Sites
- Offshore Wind Farms
- Wave Energy Sites
- Tidal Energy Sites

Data Source:
Basemap: Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

PROJECT TITLE:

FIVE ESTUARIES OFFSHORE WINDFARM

DRAWING TITLE:

Locations of cumulative schemes: offshore energy

VER	DATE	REMARKS	Drawn	Checked
1	10/03/2023	For Issue	SWM	SS

DRAWING NUMBER:

4.2

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FIVE ESTUARIES
OFFSHORE WIND FARM

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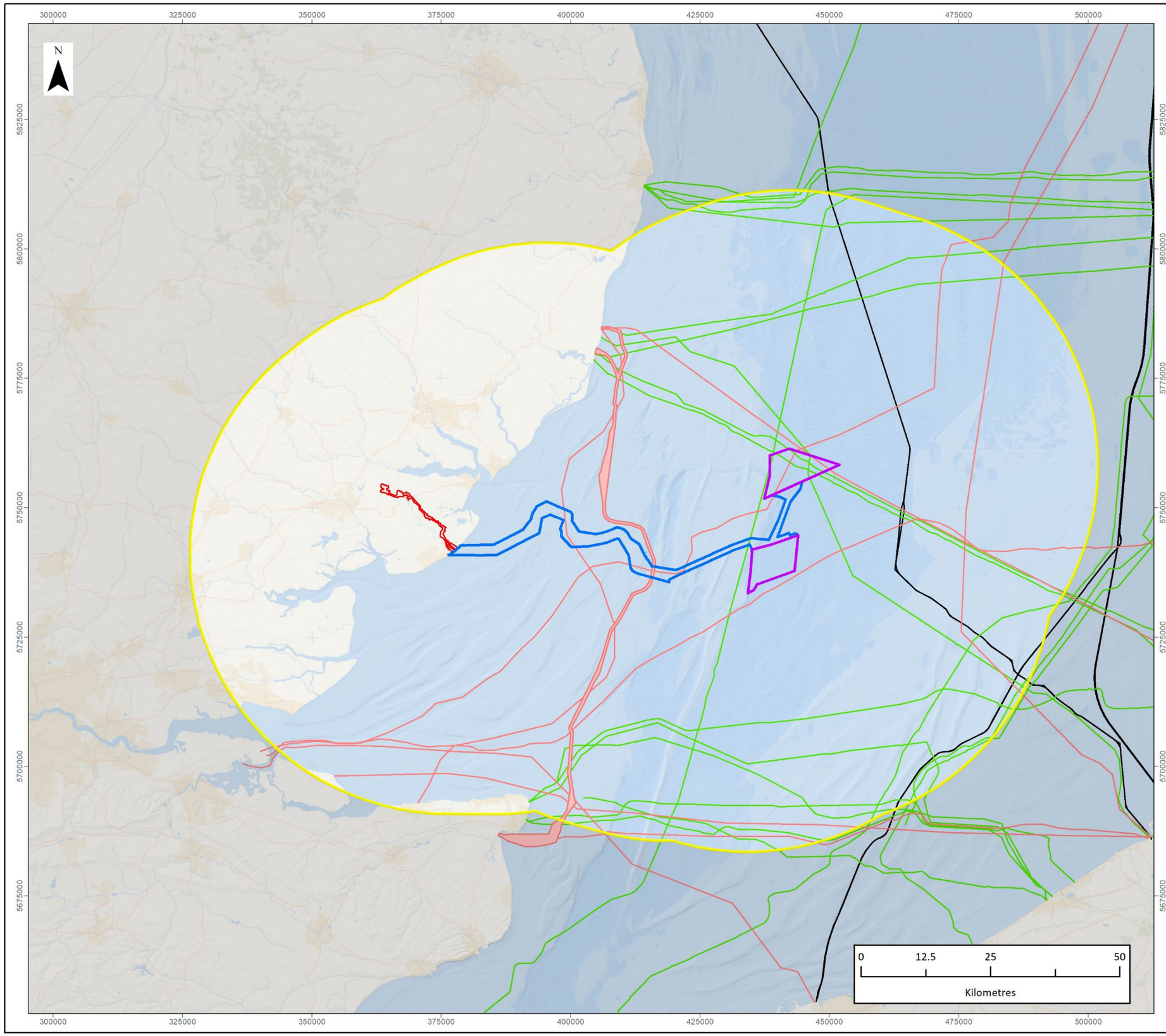

LEGEND

- Array Areas
- Offshore Export Cable Corridor
- Onshore Red Line Boundary
- 50km Cumulative Effects ZOI

Subsea Cables and Pipelines:

- Power
- Telecom
- Pipelines
- SeaLink Interconnector

Data Source:
Basemap: Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

PROJECT TITLE:

FIVE ESTUARIES OFFSHORE WINDFARM

DRAWING TITLE:

Locations of cumulative schemes: cables and pipelines

VER	DATE	REMARKS	Drawn	Checked
1	10/03/2023	For Issue	SWM	SS

DRAWING NUMBER:

4.3

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FIVE ESTUARIES
OFFSHORE WIND FARM

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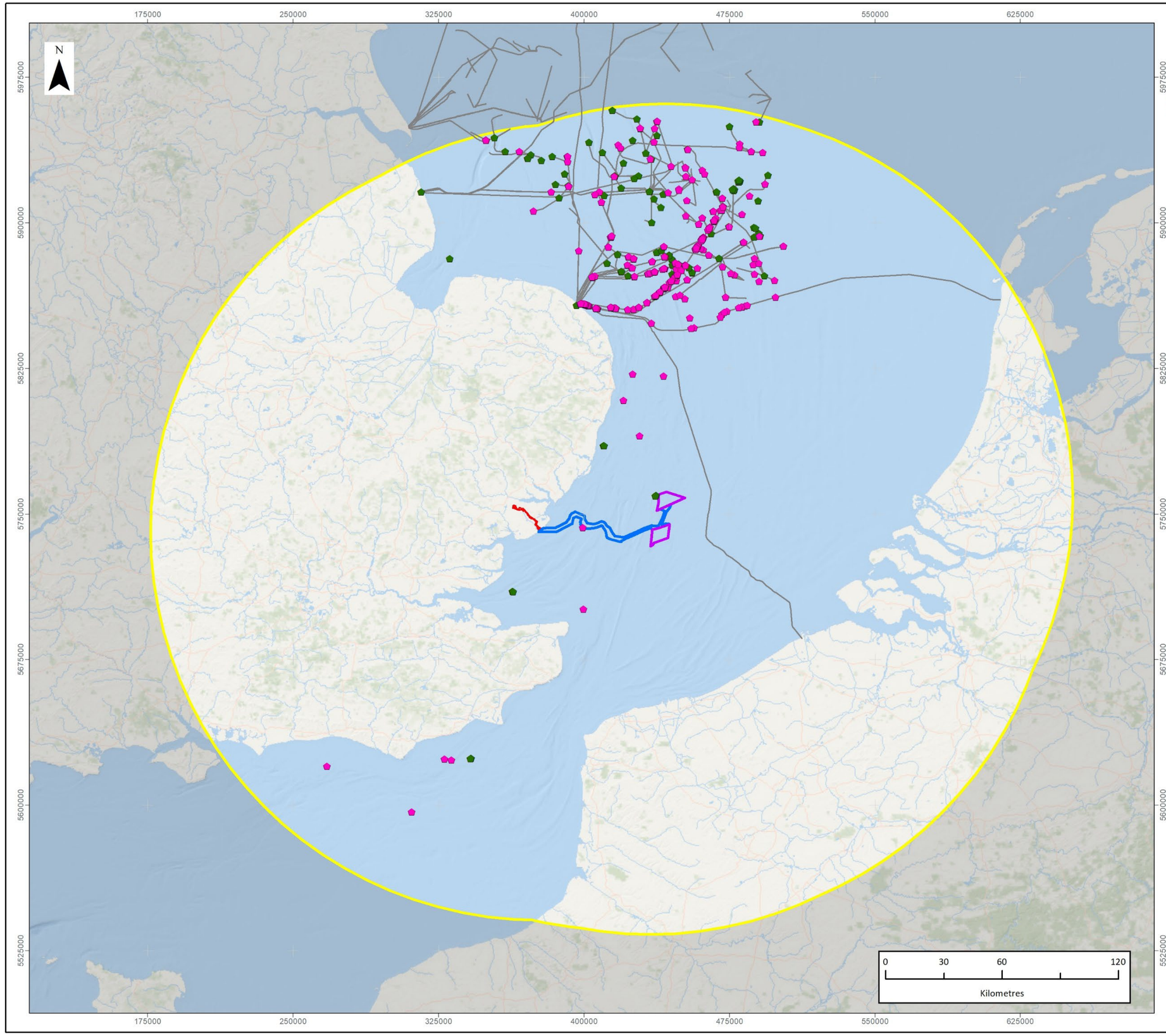

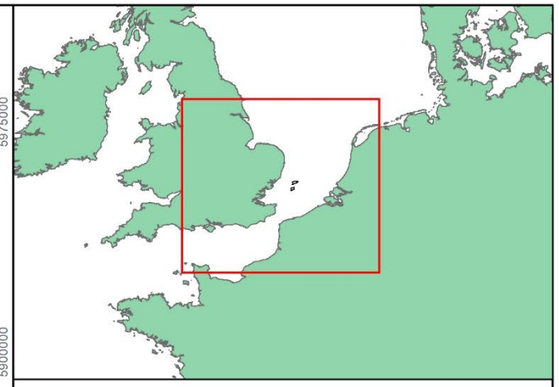

LEGEND

- Array Areas
- Offshore Export Cable Corridor
- Onshore Red Line Boundary
- 200km Cumulative Effects ZOI
- Oil and Gas Subsurface Features
- Oil and Gas Surface Features
- Oil and Gas Pipelines

Data Source:
Basemap: Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

PROJECT TITLE:

FIVE ESTUARIES OFFSHORE WINDFARM

DRAWING TITLE:

Locations of cumulative schemes: oil and gas

VER	DATE	REMARKS	Drawn	Checked
1	10/03/2023	For Issue	SWM	SS

DRAWING NUMBER:

4.4

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FIVE ESTUARIES OFFSHORE WIND FARM

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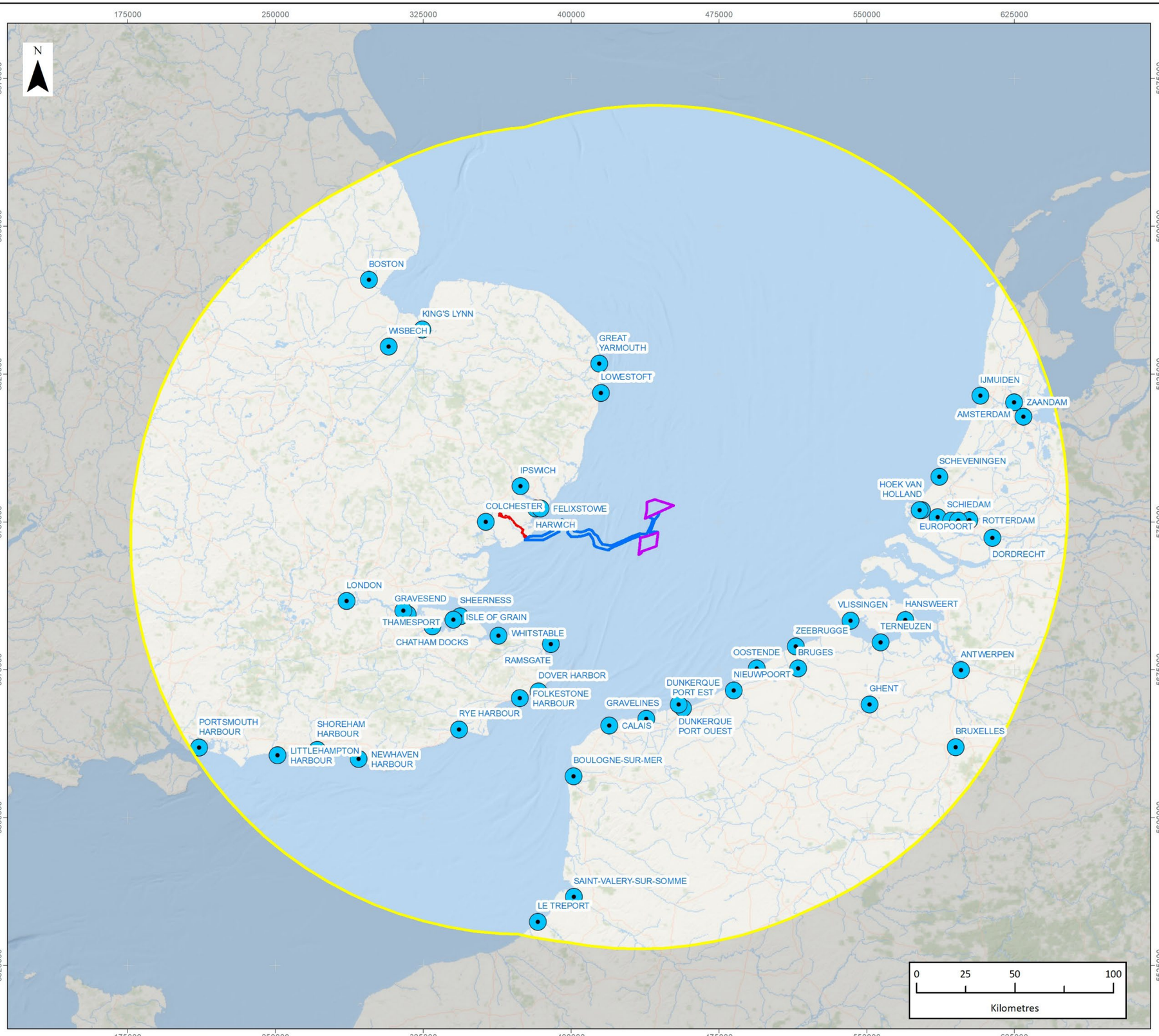

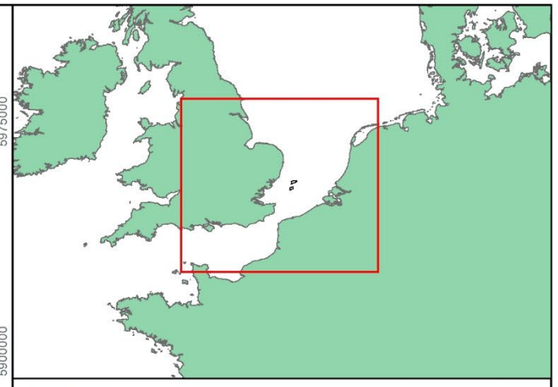

LEGEND

- Array Areas
- Offshore Export Cable Corridor
- Onshore Red Line Boundary
- 200km Cumulative Effects ZOI
- Major Ports

Data Source:
Basemap: Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

PROJECT TITLE:

FIVE ESTUARIES OFFSHORE WINDFARM

DRAWING TITLE:

Locations of cumulative schemes: major ports and harbours

VER	DATE	REMARKS	Drawn	Checked
1	10/03/2023	For Issue	SWM	SS

DRAWING NUMBER:

4.5

SCALE:	PLOT SIZE:	DATUM:	PROJECTION:
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FIVE ESTUARIES OFFSHORE WIND FARM

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ONSHORE

3.3.6 Under the first stage of the onshore CEA, a longlist of relevant projects, plans and activities occurring within a study area round the onshore ECC options and onshore substation area of search has been developed from the sources described in the paragraph below. Planning consents granted within the last three years, or applications that have been made and have yet to be determined have been considered.

3.3.7 Given the scale of the onshore components of VE, this information was collated from the following publicly available data sources:

- PINS website;
- Essex County Council;
- Tendring District Council;
- East Suffolk Council;
- Suffolk County Council; and
- Colchester Borough Council

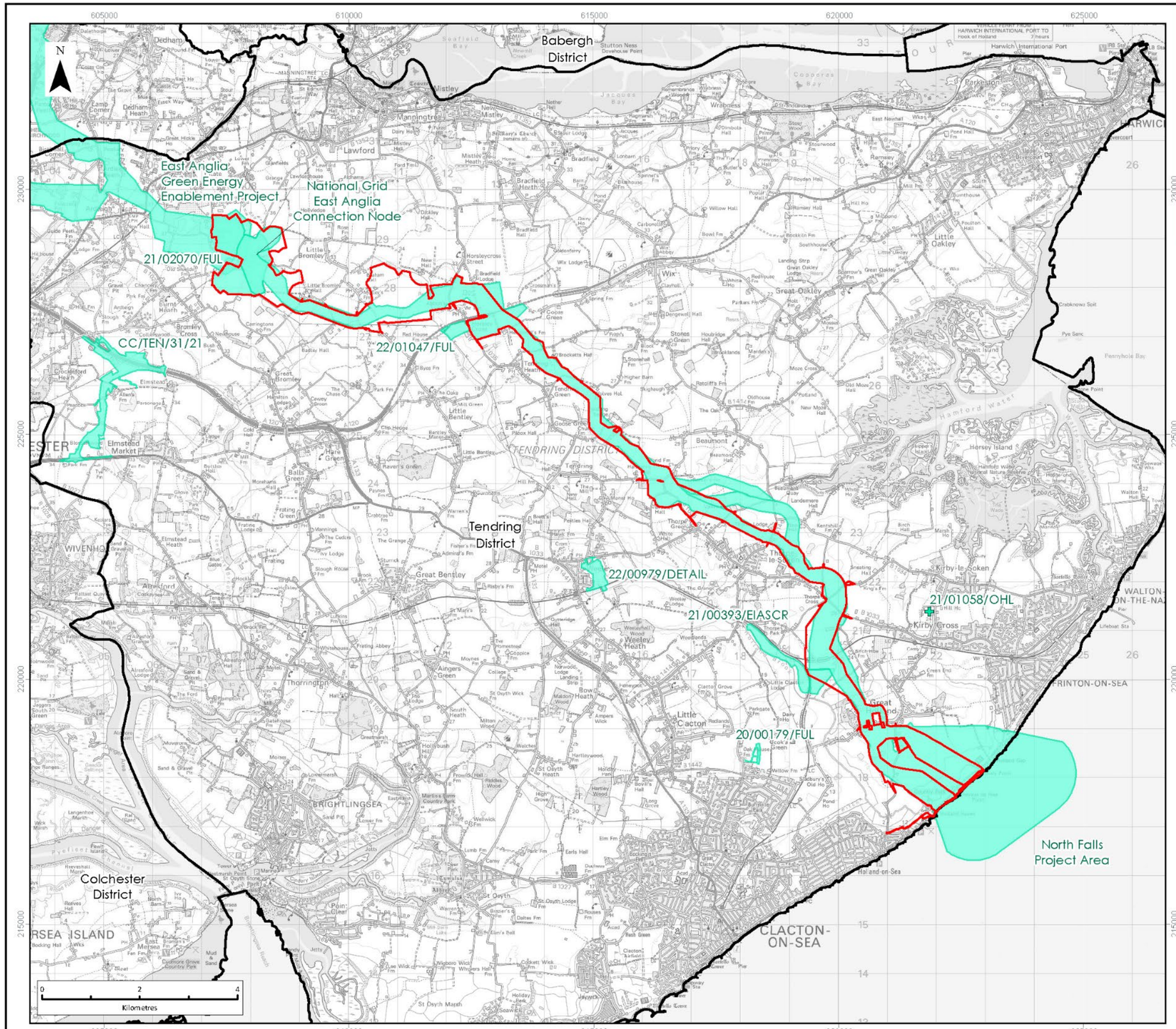
3.3.8 The CEA longlist for onshore projects is presented in Appendix A of this document. All onshore projects, plans and activities considered based on the ZoI criteria listed in Table 4.3 are presented in Figure 4.6. The longlist also includes applications that have been made and have yet to be determined within the local authority areas. The local authority areas are:

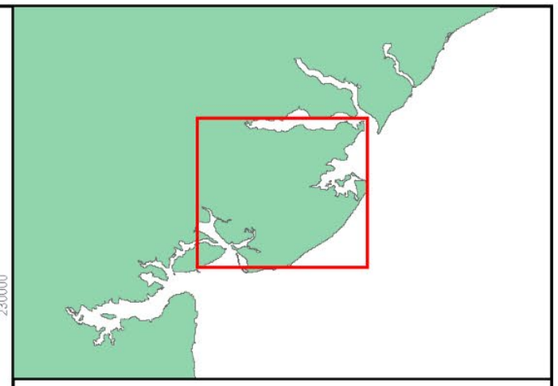
- Essex County Council
- Tendring District;
- East Suffolk District;
- Suffolk County Council; and
- Colchester Borough

Table 4.3: Onshore longlist Zones of Influence

Type of project or activity	ZoI criteria	Rationale
Energy generation infrastructure	Installations larger than domestic scale within the local authority areas.	The four local authority areas are considered to represent the realistic worst-case scenario over which cumulative effects are likely to occur. Since the selection of a single onshore route, the onshore aspects of the scheme are located entirely
Building/housing developments	Developments of more than five dwellings/units within the local authority areas.	
Roads	Major or main road installation or upgrade within the local authority areas.	

Type of project or activity	ZoI criteria	Rationale
Cable and pipelines	Major cable and pipeline installations and upgrades within the local authority areas.	within Tendring, but the five local authority areas have been retained as the ZoI rationale for completeness.
National Grid	Any works within the local authority areas.	
Coastal protection works	Any works within the local authority areas.	





LEGEND

- Onshore Red Line Boundary
- Cumulative Development Location
- Cumulative Development
- Local Authority Boundary

PROJECT TITLE:

FIVE ESTUARIES OFFSHORE WINDFARM

DRAWING TITLE:

Onshore Cumulative Developments

VER	DATE	REMARKS	Drawn	Checked
1	08/03/2023	PEIR Submission	DB	JS

DRAWING NUMBER:

FIGURE 4.6

SCALE:	PLOT SIZE:	DATUM:	COORDINATE SYSTEM:
1:80,000	A3	OSGB 1936	British National Grid

FIVE ESTUARIES OFFSHORE WIND FARM

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TIERED APPROACH

3.3.9 In assessing the potential cumulative effects for VE, it is important to bear in mind that projects, predominately currently 'proposed', may or may not be, ultimately, taken forward for development. Therefore, there is a need to build in some consideration of certainty (or uncertainty) with respect to the potential impacts which might arise from such proposals, in line with the approach set out in Advice Note 17 (PINS, 2019). For example, projects which are already under construction are more likely to contribute to cumulative effects than those development applications that are not yet submitted.

3.3.10 For these reasons, all the relevant longlist plans and projects were allocated into 'Tiers', reflecting their current status within the planning and development process. This enabled the cumulative impact assessment to present several scenarios, reflecting the varying levels of certainty of an activity proceeding and therefore the potential for impacts to arise that might act cumulatively with the impacts arising from VE. When examining the potential cumulative effects of VE, appropriate weight has been given to each scenario (Tier) in the decision-making process.

3.3.11 In accordance with Advice Note 17 (PINS, 2019), the proposed tiering structure is described in Table 4.4. The Tiers are listed in descending order of level of detail likely to be available (and, correspondingly, certainty of effects arising). It is noted in Advice Note 17 (PINS, 2019) that where other projects are expected to be completed before the construction of the proposed NSIP and the effects of those projects are fully determined, effects arising from them should be considered as part of the baseline and have been considered as part of assessment in the construction and operational phase (noting that the assessment should clearly distinguish between projects forming part of the baseline and those in the CEA).

3.3.12 It is important to note that this tiering methodology is generally applied across the PEIR. Certain topics may employ their own bespoke tiering methodology where greater precision on certainty is required, or where specific best practice guidance so dictates. Where this is the case, it is clearly described within the topic specific PEIR chapter.

Table 4.4: Description of Tiers of other developments considered for CEA[2].

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

[2] Tier descriptions adapted from Advice Note 17 (PINS, 2019).

3.4 STAGE 2

SCREENING OF LONGLIST – DEFINITIONS OF CRITERIA

3.4.1 Once the VE CEA longlist had been finalised, all projects, plans and activities were then screened based on whether there is a conceptual impact-receptor pathway for effect. The Stage 2 exercise screened the longlist in terms of whether the project, plan or activity is considered to be part of the existing baseline environment or not. Existing projects that have ongoing effects have also been screened in. This Stage 2 screening produced EIA topic-specific shortlists of projects to be considered and refined further within the CEA as part of each of the PEIR chapters.

3.4.2 All plans, projects and activities are screened based on the potential impacts of each cumulatively with VE, therefore, the plan, project or activity may be screened out for one receptor/ topic of the PEIR but screened in for another. Those plans, projects and activities that are screened in are then carried forward into the CEA.

3.4.3 The steps for screening included consideration of the following:

- Potential for an impact-receptor-pathway;
- Potential for a temporal overlap (i.e. activities occurring concurrently);
- Potential for a spatial overlap (i.e. activities occurring within a certain distance from one another); and
- The level of confidence in the data and detail that was publicly available.

3.4.4 During the screening process, the steps detailed in Table 4.5 were followed in the defined order to allow a clear justification for screening projects in or out. This allowed for the screening out of projects with limited data availability and, as a result, effects that could not be included due to a lack of data, while screening in those that could be considered with the available data.

3.4.5 Only where there is the potential for both spatial and temporal interaction between effects at VE and one or more other plans/ projects, has a cumulative impact been taken forward for consideration in the CEA.

Table 4.5: Definitions of screening criteria.

Term	Criteria
Potential impact-receptor-pathway	There is the potential that a pathway exists whereby an impact could have an effect on a receptor. For example, increases to suspended sediment concentration could have an impact on fish and shellfish receptors, but underwater noise would not have an effect on aviation and radar receptors.
Temporal overlap	The impacts from VE and one or more other plans/projects have the potential to occur at the same time. If there is no temporal interaction of the impacts, there is no potential for a cumulative effect.
Spatial overlap	The impacts on a receptor from VE and one or more other plans/projects may have a geographical overlap. For example, underwater noise contours from piling at VE could overlap with those of another offshore wind farm project, if it is sufficiently close to VE. If there is no spatial interaction of the impacts, there is no potential for a cumulative effect.
Level of confidence	The publicly available information on each project or proposed activity (location, development type and timing, etc.). This information is critically assessed to ascertain the level of confidence it will take place in the current form and when it will take place in relation to the project (i.e. the level of confidence in the published information).

3.4.6 The shortlist identifies all the projects, plans, and activities that have the potential to give rise to cumulative effects when considered alongside the worst-case potential impacts arising from VE but does not identify the differences in impact ranges for different environmental receptors. For example, this exercise treats fish and shellfish as a single receptor group but does not distinguish between different species; this is left for the CEA section of the fish and shellfish PEIR chapter. Table 4.6 below details these topic-specific screening ranges that have been applied to the longlist.

Table 4.6: Topic-specific screening ranges applied to the longlist.

EIA receptor group	Maximum extent of effect and justification
Physical processes	Based on the distance of one spring tidal excursion ellipse.
Marine water and sediment quality	Based on the distance of one spring tidal excursion ellipse.
Benthic subtidal and intertidal ecology	Based on the distance of one spring tidal excursion ellipse.

EIA receptor group	Maximum extent of effect and justification
Fish and shellfish ecology	50 km from the array area, based on a precautionary impact range from underwater noise. Based on the distance of one spring tidal excursion ellipse.
Marine mammals	Dependent on the reference population extent, i.e. the relevant management units.
Offshore ornithology	Dependent on the maximum foraging range of the bird species in question.
Commercial fisheries	Extent of the relevant fishing grounds.
Shipping and navigation	Based on shipping lanes and available sea room around the relevant components of VE.
Military and civil aviation	Distance at which disturbance from the VE array area would interact with that of another development, based on the Line of Sight assessment.
Seascape, landscape and visual impacts	Based on the maximum extent of the Zone of Theoretical Visibility (ZTV).
Marine archaeology	Dependent on the archaeological receptor in question but as a worst-case the distance of one spring tidal excursion ellipse.
Other marine users and activities	Dependent on the receptor in question, in line with the maximum extents for physical processes, fish and shellfish ecology, aviation and tourism and recreation.
Terrestrial ecology and nature conservation	Distances will vary depending on type of species depending on the type of development/the potential impacts anticipated and the ecological receptor that may be affected.
Archaeology and cultural heritage	For setting of assets, buffers of 500 m from the onshore ECC and 5 km from the onshore substation area have been identified. For offshore projects, this will be based maximum extent of the Zone of Theoretical Visibility (ZTV). These represent the maximum distance over which visual cumulative effects could occur. For direct impacts, precautionary distances determined by the ZoI of anticipated potential impacts.

EIA receptor group	Maximum extent of effect and justification
Airborne noise and vibration	Precautionary distance of a maximum of 1km for construction noise at Landfall and cable corridor. Substation has both construction and operational – maximum of 1km.
Traffic and transport	Schemes of local and regional significance within Essex County Council (incorporating Colchester) and partly Suffolk County Council as agreed with the relevant local authorities. Any proposals outside these areas would not be considered unless the proposal was a significant scheme expected to generate a large number of vehicle movements.
Air quality	Construction Dust Assessment (qualitative assessment of potential dust generated by construction activities): • Construction of any committed development within 700m from the RLB/Location of works. Construction Traffic Emissions Assessment (assessment of additional vehicle trips associated with the construction of the development) Where there is a spatial and temporal overlap in terms vehicle movements generated from both the proposed development, and other committed developments (no set distance as this is determined at a transport level).
Hydrology, hydrogeology and flood risk	Based on any surface water catchments and flood risk areas that overlap with the onshore project activities.
Geology and ground conditions	Preliminary 500 m buffer from the onshore ECC and 1 km from the onshore substation area. The assessment would also consider a 'sliding scale' in addition to account for potentially significant schemes that are >1km from the site, whilst also discounting small, less obtrusive activities that are <500 m.
Onshore landscape and visual impacts	500 m from the onshore ECC and 5 km from the onshore substation area, considered to be the maximum distance over which the onshore substation would be visible and the distance over which cumulative effects could occur.

EIA receptor group	Maximum extent of effect and justification
Socioeconomics / Tourism	Projects of local and wider regional significance will be taken into account in the local labour market areas. Tourism is dependent upon the receptor.
Human health, Major Disasters and Climate Change	Distances will vary depending upon the receptor for human health which are covered in other relevant onshore topic sections. Projects of local, regional and national significance will be taken into account for the purposes of assessing major disasters (both onshore and offshore)..

3.4.7 These topic-specific ranges have been applied to the longlist, to identify relevant shortlist plan, projects and/ or activities to be taken forward to the topic-specific CEA presented in each PEIR chapter. These are described within Appendix A, and a summary of the shortlist tables are presented in each of the PEIR chapters.

3.4.8 The process for screening the longlist into a series of topic-specific shortlists is summarised in Table 4.7.

Table 4.7: CEA longlist screening criteria.

Screening criteria	Screening assessment	Conclusion
Step 1 – Conceptual impact-receptor pathway		
Does a conceptual cumulative impact-receptor pathway exist from the project, plan or activity?	No conceptual cumulative impact-receptor pathway for effect.	**Screened out.**
	Yes, impact(s) from the project, plan or activity could theoretically interact to produce a cumulative effect.	Proceed to step 2.
Step 2 – Baseline environment		
Is the project, plan or activity part of the existing baseline environment?	Yes.	**Screened out.**
	Yes, but has an ongoing effect that is not considered part of the baseline environment.	Proceed to step 3.
	No – project, plan or activity is currently in planning and therefore cannot be considered as part of the existing environment.	
Step 3 – Data confidence		
	Low – a meaningful assessment cannot be undertaken.	**Screened out.**

Screening criteria	Screening assessment	Conclusion
What is the level of confidence in the data available?	Medium or high – enough data is available for the project, plan or activity to enable a meaningful assessment to be undertaken, either quantitatively or qualitatively.	Proceed to step 4.
Step 4 – Spatial effect interaction		
Is there physical effect-receptor overlap? (see screening ranges applied in Table 4.6).	No, the project, plan or activity is sufficiently distant from VE such that there is no geographical overlap of their maximum impact extents.	**Screened out.**
	Yes, impacts on a receptor from VE together with other plans, projects and activities overlap geographically.	Proceed to step 5.
Step 5 – Temporal effect interaction		
Is there a temporal overlap of potential effects?	No, the project, plan or activities will not occur at the same time as the relevant phase of VE (i.e. construction or operation and maintenance) and therefore there is no potential for a cumulative effect.	**Screened out.**
	Yes, the project, plan or activity is anticipated to occur concurrently with the relevant phase of VE.	**Screened in – potential for cumulative effect exists.**

3.5 STAGE 3 – INFORMATION COLLATION

3.5.1 The next stage (Stage 3) of the CEA included gathering information on the projects, plans and activities screened in so that a meaningful assessment can be undertaken. Such information included public sources such as ESs and associated planning application documents, project websites and, where such information was not readily accessible, industry consultation with the developers and operators of the schemes, as well as regulators and local authorities in order to gather the most accurate and up to date project information.

3.5.2 Information gathered on the projects, plans and activities screened in have been collated and input into Stage 4 of the CEA.

3.6 STAGE 4 – ASSESSMENT OF CUMULATIVE EFFECTS

3.6.1 Stage 4 is undertaking the cumulative effects assessment for each screened in project, plan or activity. These assessments have been carried out on a topic-by-topic basis within the CEA section of the relevant PEIR chapter.

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

3.6.3 The cut-off point for the final selection of projects to be included within the ES CEA, prior to submission, will be agreed as part of the Evidence Plan Process.

4 REFERENCES

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APPENDIX A

CUMULATIVE EFFECTS ASSESSMENT LONGLIST

Key

	No longer operational
	Concept/In Planning/Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

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

TDC	Tendering District Council
CBC	Colchester Borough Council
ECC	Essex County Council
ESC	East Suffolk Council

Data Sources

Data	Data Source	Date
Aggregate Production Area	The Crown Estate	29/10/2021
Disposal Sites	CEFAS	04/03/2021
Carbon Capture and Storage	TCE	22/06/2022
Outfall	Marine Themes Data Product (OceanWise)	01/11/2021
O&G Surface Features	O&G Authority	19/10/2020
O&G Subsurface Features	O&G Authority	19/10/2020
O&G Pipelines	O&G Authority	19/10/2020
Ports	World Ports Index (WPI)	05/11/2021
Subsea Cables	KISORCA (gobe edit)	20/04/2022
OWF Export Cables	The Crown Estate	22/06/2022
Offshore Wave Site Agreements	The Crown Estate	30/07/2020
Offshore Tidal Site Agreements	The Crown Estate	30/07/2020
Offshore Wind Farms (England/Wales)	The Crown Estate	22/06/2022
Offshore Wind Farms (Scotland)	Crown Estate Scotland	11/10/2021
Offshore Wind Farms (Europe)	EMODnet	18/07/2022
Offshore Wave Site Agreements (Scotland)	Crown Estate Scotland	11/10/2021
Offshore Tidal Site Agreements (Scotland)	Crown Estate Scotland	11/10/2021
PEXA	NATS	22/01/2019
Global Offshore Wind Farms	4C Offshore	02/03/2023
Explore Marine Plans	The Marine Management Organisation (MM(	03/03/2023

Screening Ranges

Project type	Screening Range (km)
Aggregates and Disposal	50
Offshore Energy	500
Commercial Fisheries	200
Cables and Pipelines	50
Oil and Gas	200
Shipping	200
Military, Aviation and Radar	200
Coastal	200
Onshore	N/A (LPA boundaries)

Key

	No longer operational
	Concept/In Planning/Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

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

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CBC	Colchester Borough Council
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Outfall	Marine Themes Data Product (OceanWise)	01/11/2021
O&G Surface Features	O&G Authority	19/10/2020
O&G Subsurface Features	O&G Authority	19/10/2020
O&G Pipelines	O&G Authority	19/10/2020
Ports	World Ports Index (WPI)	05/11/2021
Subsea Cables	KISORCA (gobe edit)	20/04/2022
OWF Export Cables	The Crown Estate	22/06/2022
Offshore Wave Site Agreements	The Crown Estate	30/07/2020
Offshore Tidal Site Agreements	The Crown Estate	30/07/2020
Offshore Wind Farms (England/Wales)	The Crown Estate	22/06/2022
Offshore Wind Farms (Scotland)	Crown Estate Scotland	11/10/2021
Offshore Wind Farms (Europe)	EMODnet	18/07/2022
Offshore Wave Site Agreements (Scotland)	Crown Estate Scotland	11/10/2021
Offshore Tidal Site Agreements (Scotland)	Crown Estate Scotland	11/10/2021
PEXA	NATS	22/01/2019
Global Offshore Wind Farms	4C Offshore	02/03/2023
Explore Marine Plans	The Marine Management Organisation (MM(	03/03/2023

Screening Ranges

Project type	Screening Range (km)
Aggregates and Disposal	50
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Cables and Pipelines	50
Oil and Gas	200
Shipping	200
Military, Aviation and Radar	200
Coastal	200
Onshore	N/A (LPA boundaries)

Table 1: Cables and Pipelines

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes Five Estuaries offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035 - 2045	2046 - 2056	2057 - 2067	Distance from the VE array area (km)	Distance from the VE Offshore Export Cable Corridor (km)	Marine Geology, Oceanography and Physical Processes	Marine Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore Archaeology and Cultural Heritage	Infrastrucutre and Other Marine Users
Gunfleet Sands OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		56.5	0.0	a		a	a	a			a			f	a
Greater Gabbard OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		8.2	0.0	a		a	a	a			a			d	a
Galloper	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		2.0	0.0	a		a	a	a			a			d	a
Gunfleet Sands OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		56.5	0.0	a		a	a	a			a			f	a
Greater Gabbard OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		8.2	0.0	a		a	a	a			a			d	a
Galloper	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		2.0	0.0	a		a	a	a			a			d	a
ATLANTIC CROSSING 1	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Century Link)	Active																		0.0	0.0	a		a	a	a			a			d	a
NueConnect Interconnector	Digitised by GoBe	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Proposed																		0.0	0.0	c		c	c			c	c			c	b
Nautilius MPI	4COffshore	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Proposed																		0.0	0.0	c		c	c			c	e			c	c
Eurolink	4COffshore	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Proposed																		0.0	5.0	c		c	c								
Sea Link (Kent-Suffolk SCDI)	4C Offshore https://www.nationalgrid.com/electricity-transmission/network-and-infrastructure/sealink https://infrastructure.planninginspectorate.gov.uk/projects/south-east/sea-link/?ipcsection=overview	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable No dates currently available as this project is pre-scoping.	Proposed (pre-scoping)																		26.5	0.0	c		c	c	a		c	c			e	c
CONCERTO	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Interoute)	Active																		0.0	1.6	a		a	a	a			a			d	a
FARLAND NORTH	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (BT)	Active																		0.0	2.5	a		a	a	a			a			d	a
UK-NETHERLANDS 12	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (BT)	Disused																		0.0	3.6				a							g	g
Gunfleet Sands Demo	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		59.1	5.1	a		a	a	a			a			f	a
Gunfleet Sands Demo	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		59.1	5.1	a		a	a	a			a			f	a
BritNed Subsea Power Cable System	Digitised by GoBe	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Tennet)	Active																		0.9	6.5	a		a	a	a			a			f	a
East Anglia Three Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		19.5	6.6	d		a	a				d			c	f
East Anglia Three Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable	Consented																		19.5	6.6	d			a				d			c	f
East Anglia One OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		19.1	9.5	a		a	a				a			f	f
East Anglia One OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		19.1	9.5				a				a			f	f
EA2 Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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)	In Planning																		5.3	11.6				a				d			c	a
EA2 Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable	In Planning																		5.3	11.6				a				d			c	a
Galloper OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		9.3	12.6				a	a			a			f	a

Galloper OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		9.3	12.6				a	a			a			f	a
London Array OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		44.5	26.2				a	a			a			f	f
London Array OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		44.5	26.2				a	a			a			f	f
REMBRANDT 2	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (No owner)	Disused																		25.1	26.5											g	g
HERMES SOUTH	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (No owner)	Disused																		30.1	27.3											g	g
HERMES NORTH	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (No owner)	Disused																		25.1	30.0											g	g
Mercator	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Proposed																		31.9	30.2				a	a		c	d			c	f
EA1N Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		32.8	31.3				a				d			c	f
EA1N Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Offshore Wind Farm Export Cable	Consented																		32.8	31.3				a				d			c	f
Belgium Energio Nordsoon Denmark	4COffshore	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Proposed																		25.5	32.2				a			c	d			c	f
CONCERTO NORTH	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Interoute)	Active																		26.3	32.9				a	a			a			f	f
Gridlink	4COffshore	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Proposed																		51.9	37.8				a			c	d			c	f
TAT 14 (I)	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Disused																		36.4	39.6											g	g
Kentish Flats	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		73.5	41.0				a	a			a			f	f
Kentish Flats	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		73.5	41.0				a	a			a			f	f
Thanet OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		47.9	41.4				a	a			a			f	f
Thanet OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		47.9	41.4				a	a			a			f	f
PAN EUROPEAN CROSSING (PEC)	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Century Link)	Active																		41.0	42.6				a	a			a			f	f
UK/BELGIUM 5	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Disused																		45.2	43.8											g	g
TANGERINE	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Level 3)	Active																		45.3	45.5				a	a			a			f	f
NEMO INTERCONNECTOR	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Nemo Link Ltd)	Active																		47.0	48.8				a	a			a			f	f
ULYSSES 2	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Verizon)	Active																		43.5	49.5				a	a			a			f	f
SEA-ME-WE3 SEG 10.4	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Deutsche Telekom AG)	Disused																		45.4	50.8											g	g
RIOJA 3	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Disused																		46.3	51.8											g	g
CIRCLE NORTH	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (ZAYO)	Active																		46.5	52.9				a	a			a			f	f
REMBRANDT 1	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (No owner)	Disused																		47.6	53.9											g	g
Norsea Com 1	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Tampnet)	Active																		48.4	54.9				a	a			a			f	f
PANGEA SOUTH-UK/NETH	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (ASN)	Active																		48.9	55.4				a	a			a			f	f
Scroby Sands	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		74.0	80.9				a	a			a			f	f

Norfolk Vanguard West Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	79.3	85.8				a				d			f	f
Norfolk Boreas Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	79.3	85.8				a				d			f	f
Norfolk Vanguard East Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	79.3	85.8				a				d			f	f
Dudgeon OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	125.3	118.8				a	a			a			f	f
Sheringham Shoal OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	125.4	118.8				a	a			a			f	f
Hornsea 3 Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	125.6	118.9				a				d			f	f
Race Bank OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	156.7	129.7				a	a			a			f	f
Lincs OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	157.7	130.5				a	a			a			f	f
Rampion Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	195.6	153.7				a	a			a			f	f
Lynn	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	170.3	153.9				a	a			a			f	f
Inner Dowsing	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	173.2	157.6				a	a			a			f	f
Lincs	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	174.4	159.9				a	a			a			f	f
Triton Knoll	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	176.3	167.3				a				a			f	f
Hornsea 1 OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	197.0	189.0				a	a			a			f	f
Hornsea Project 2 OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	197.5	189.5				a				a			f	f
Humber Gateway OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	223.6	211.9				a	a			a			f	f
Westermost Rough OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	241.5	229.6				a	a			a			f	f
Hornsea Project 4 (HOW04) OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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)	In Planning																	228.4	231.8				a				d			f	f
Doggerbank A OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	268.8	258.5				a				d			f	f
DoggerBank B OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	268.8	258.5				a				d			f	f
Dogger Bank C Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	316.5	322.8				a				d			f	f
Teeside B (Sofia) Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	318.1	324.6				a	a			d			f	f
Burbo Bank	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	386.1	342.9				a	a			a			f	f
Teesside	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	362.9	348.7				a	a			a			f	f
Burbo Bank Extension OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	401.0	357.4				a	a			a			f	f
North Hoyle	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	406.2	361.0				a	a			a			f	f
Rhyl Flats	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	409.9	363.5				a	a			a			f	f
Gwynt y Mor OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	410.7	364.2				a	a			a			f	f
Walney 2 OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	406.2	369.1				a	a			a			f	f

Walney Extension OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		407.2	372.1				a	a			a			f	f
West of Duddon Sands OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		407.2	372.1				a	a			a			f	f
Barrow OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		407.0	372.2				a	a			a			f	f
Walney 1 OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		407.1	372.4				a	a			a			f	f
Ormonde OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		407.3	372.9				a	a			a			f	f
Blyth Demo	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		420.3	408.2				a				d			f	f
Blyth Demo Phase 1	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		421.7	408.9				a	a			a			f	f
Robin Rigg OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		480.8	450.7				a	a			a			f	f
Eastern Link 1 Off Torness		Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (BT)																			504.6	493.5											f	f
Wave Hub	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		552.1	498.5				a	a			a			f	f

Key

	No longer operational
	Concept/In Planning/Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

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

TDC	Tendering District Council
CBC	Colchester Borough Council
ECC	Essex County Council
ESC	East Suffolk Council

Data Sources

Data	Data Source	Date
Aggregate Production Area	The Crown Estate	29/10/2021
Disposal Sites	CEFAS	04/03/2021
Carbon Capture and Storage	TCE	22/06/2022
Outfall	Marine Themes Data Product (OceanWise)	01/11/2021
O&G Surface Features	O&G Authority	19/10/2020
O&G Subsurface Features	O&G Authority	19/10/2020
O&G Pipelines	O&G Authority	19/10/2020
Ports	World Ports Index (WPI)	05/11/2021
Subsea Cables	KISORCA (gobe edit)	20/04/2022
OWF Export Cables	The Crown Estate	22/06/2022
Offshore Wave Site Agreements	The Crown Estate	30/07/2020
Offshore Tidal Site Agreements	The Crown Estate	30/07/2020
Offshore Wind Farms (England/Wales)	The Crown Estate	22/06/2022
Offshore Wind Farms (Scotland)	Crown Estate Scotland	11/10/2021
Offshore Wind Farms (Europe)	EMODnet	18/07/2022
Offshore Wave Site Agreements (Scotland)	Crown Estate Scotland	11/10/2021
Offshore Tidal Site Agreements (Scotland)	Crown Estate Scotland	11/10/2021
PEXA	NATS	22/01/2019
Global Offshore Wind Farms	4C Offshore	02/03/2023
Explore Marine Plans	The Marine Management Organisation (MM(	03/03/2023

Screening Ranges

Project type	Screening Range (km)
Aggregates and Disposal	50
Offshore Energy	500
Commercial Fisheries	200
Cables and Pipelines	50
Oil and Gas	200
Shipping	200
Military, Aviation and Radar	200
Coastal	200
Onshore	N/A (LPA boundaries)

Key

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O&G Surface Features	O&G Authority	19/10/2020
O&G Subsurface Features	O&G Authority	19/10/2020
O&G Pipelines	O&G Authority	19/10/2020
Ports	World Ports Index (WPI)	05/11/2021
Subsea Cables	KISORCA (gobe edit)	20/04/2022
OWF Export Cables	The Crown Estate	22/06/2022
Offshore Wave Site Agreements	The Crown Estate	30/07/2020
Offshore Tidal Site Agreements	The Crown Estate	30/07/2020
Offshore Wind Farms (England/Wales)	The Crown Estate	22/06/2022
Offshore Wind Farms (Scotland)	Crown Estate Scotland	11/10/2021
Offshore Wind Farms (Europe)	EMODnet	18/07/2022
Offshore Wave Site Agreements (Scotland)	Crown Estate Scotland	11/10/2021
Offshore Tidal Site Agreements (Scotland)	Crown Estate Scotland	11/10/2021
PEXA	NATS	22/01/2019
Global Offshore Wind Farms	4C Offshore	02/03/2023
Explore Marine Plans	The Marine Management Organisation (MM(	03/03/2023

Screening Ranges

Project type	Screening Range (km)
Aggregates and Disposal	50
Offshore Energy	500
Commercial Fisheries	200
Cables and Pipelines	50
Oil and Gas	200
Shipping	200
Military, Aviation and Radar	200
Coastal	200
Onshore	N/A (LPA boundaries)

Table 1: Cables and Pipelines

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes Five Estuaries offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035 - 2045	2046 - 2056	2057 - 2067	Distance from the VE array area (km)	Distance from the VE Offshore Export Cable Corridor (km)	Marine Geology, Oceanography and Physical Processes	Marine Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore Archaeology and Cultural Heritage	Infrastrucutre and Other Marine Users
Gunfleet Sands OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		56.5	0.0	a		a	a	a			a			f	a
Greater Gabbard OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		8.2	0.0	a		a	a	a			a			d	a
Galloper	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		2.0	0.0	a		a	a	a			a			d	a
Gunfleet Sands OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		56.5	0.0	a		a	a	a			a			f	a
Greater Gabbard OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		8.2	0.0	a		a	a	a			a			d	a
Galloper	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		2.0	0.0	a		a	a	a			a			d	a
ATLANTIC CROSSING 1	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Century Link)	Active																		0.0	0.0	a		a	a	a			a			d	a
NueConnect Interconnector	Digitised by GoBe	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Proposed																		0.0	0.0	c		c	c			c	c			c	b
Nautilius MPI	4COffshore	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Proposed																		0.0	0.0	c		c	c			c	e			c	c
Eurolink	4COffshore	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Proposed																		0.0	5.0	c		c	c								
Sea Link (Kent-Suffolk SCDI)	4C Offshore https://www.nationalgrid.com/electricity-transmission/network-and-infrastructure/sealink https://infrastructure.planninginspectorate.gov.uk/projects/south-east/sea-link/?ipcsection=overview	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable No dates currently available as this project is pre-scoping.	Proposed (pre-scoping)																		26.5	0.0	c		c	c	a		c	c			e	c
CONCERTO	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Interoute)	Active																		0.0	1.6	a		a	a	a			a			d	a
FARLAND NORTH	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (BT)	Active																		0.0	2.5	a		a	a	a			a			d	a
UK-NETHERLANDS 12	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (BT)	Disused																		0.0	3.6				a							g	g
Gunfleet Sands Demo	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		59.1	5.1	a		a	a	a			a			f	a
Gunfleet Sands Demo	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		59.1	5.1	a		a	a	a			a			f	a
BritNed Subsea Power Cable System	Digitised by GoBe	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Tennet)	Active																		0.9	6.5	a		a	a	a			a			f	a
East Anglia Three Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		19.5	6.6	d		a	a				d			c	f
East Anglia Three Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable	Consented																		19.5	6.6	d			a				d			c	f
East Anglia One OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		19.1	9.5	a		a	a				a			f	f
East Anglia One OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		19.1	9.5				a				a			f	f
EA2 Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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)	In Planning																		5.3	11.6				a				d			c	a
EA2 Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable	In Planning																		5.3	11.6				a				d			c	a
Galloper OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		9.3	12.6				a	a			a			f	a

Galloper OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		9.3	12.6				a	a			a			f	a
London Array OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		44.5	26.2				a	a			a			f	f
London Array OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		44.5	26.2				a	a			a			f	f
REMBRANDT 2	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (No owner)	Disused																		25.1	26.5											g	g
HERMES SOUTH	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (No owner)	Disused																		30.1	27.3											g	g
HERMES NORTH	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (No owner)	Disused																		25.1	30.0											g	g
Mercator	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Proposed																		31.9	30.2				a	a		c	d			c	f
EA1N Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		32.8	31.3				a				d			c	f
EA1N Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Offshore Wind Farm Export Cable	Consented																		32.8	31.3				a				d			c	f
Belgium Energio Nordsoon Denmark	4COffshore	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Proposed																		25.5	32.2				a			c	d			c	f
CONCERTO NORTH	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Interoute)	Active																		26.3	32.9				a	a			a			f	f
Gridlink	4COffshore	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Proposed																		51.9	37.8				a			c	d			c	f
TAT 14 (I)	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Disused																		36.4	39.6											g	g
Kentish Flats	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		73.5	41.0				a	a			a			f	f
Kentish Flats	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		73.5	41.0				a	a			a			f	f
Thanet OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		47.9	41.4				a	a			a			f	f
Thanet OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation																		47.9	41.4				a	a			a			f	f
PAN EUROPEAN CROSSING (PEC)	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Century Link)	Active																		41.0	42.6				a	a			a			f	f
UK/BELGIUM 5	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Disused																		45.2	43.8											g	g
TANGERINE	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Level 3)	Active																		45.3	45.5				a	a			a			f	f
NEMO INTERCONNECTOR	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Nemo Link Ltd)	Active																		47.0	48.8				a	a			a			f	f
ULYSSES 2	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Verizon)	Active																		43.5	49.5				a	a			a			f	f
SEA-ME-WE3 SEG 10.4	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Deutsche Telekom AG)	Disused																		45.4	50.8											g	g
RIOJA 3	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable	Disused																		46.3	51.8											g	g
CIRCLE NORTH	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (ZAYO)	Active																		46.5	52.9				a	a			a			f	f
REMBRANDT 1	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (No owner)	Disused																		47.6	53.9											g	g
Norsea Com 1	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (Tampnet)	Active																		48.4	54.9				a	a			a			f	f
PANGEA SOUTH-UK/NETH	KISORCA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (ASN)	Active																		48.9	55.4				a	a			a			f	f
Scroby Sands	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		74.0	80.9				a	a			a			f	f

Norfolk Vanguard West Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	79.3	85.8				a				d			f	f
Norfolk Boreas Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	79.3	85.8				a				d			f	f
Norfolk Vanguard East Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	79.3	85.8				a				d			f	f
Dudgeon OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	125.3	118.8				a	a			a			f	f
Sheringham Shoal OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	125.4	118.8				a	a			a			f	f
Hornsea 3 Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	125.6	118.9				a				d			f	f
Race Bank OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	156.7	129.7				a	a			a			f	f
Lincs OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	157.7	130.5				a	a			a			f	f
Rampion Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	195.6	153.7				a	a			a			f	f
Lynn	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	170.3	153.9				a	a			a			f	f
Inner Dowsing	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	173.2	157.6				a	a			a			f	f
Lincs	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	174.4	159.9				a	a			a			f	f
Triton Knoll	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	176.3	167.3				a				a			f	f
Hornsea 1 OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	197.0	189.0				a	a			a			f	f
Hornsea Project 2 OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	197.5	189.5				a				a			f	f
Humber Gateway OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	223.6	211.9				a	a			a			f	f
Westermost Rough OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	241.5	229.6				a	a			a			f	f
Hornsea Project 4 (HOW04) OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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)	In Planning																	228.4	231.8				a				d			f	f
Doggerbank A OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	268.8	258.5				a				d			f	f
DoggerBank B OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	268.8	258.5				a				d			f	f
Dogger Bank C Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	316.5	322.8				a				d			f	f
Teeside B (Sofia) Transmission Asset	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	318.1	324.6				a	a			d			f	f
Burbo Bank	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	386.1	342.9				a	a			a			f	f
Teesside	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	362.9	348.7				a	a			a			f	f
Burbo Bank Extension OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	401.0	357.4				a	a			a			f	f
North Hoyle	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	406.2	361.0				a	a			a			f	f
Rhyl Flats	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	409.9	363.5				a	a			a			f	f
Gwynt y Mor OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	410.7	364.2				a	a			a			f	f
Walney 2 OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																	406.2	369.1				a	a			a			f	f

Walney Extension OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		407.2	372.1				a	a			a			f	f
West of Duddon Sands OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		407.2	372.1				a	a			a			f	f
Barrow OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		407.0	372.2				a	a			a			f	f
Walney 1 OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		407.1	372.4				a	a			a			f	f
Ormonde OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		407.3	372.9				a	a			a			f	f
Blyth Demo	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		420.3	408.2				a				d			f	f
Blyth Demo Phase 1	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		421.7	408.9				a	a			a			f	f
Robin Rigg OFTO	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		480.8	450.7				a	a			a			f	f
Eastern Link 1 Off Torness		Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Telecommunication Cable (BT)																			504.6	493.5											f	f
Wave Hub	https://opendata-thecrownestate.opendata.arcgis.com/datasets/1bb9eff6e93942e294fec2d80aad7a39	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																		552.1	498.5				a	a			a			f	f

Table 2: Ports and Harbours

Port	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes Five Estuaries offshore construction period)																Distance from the VE array area (km)	Distance from the VE Offshore Export Cable Corridor (km)	Marine Geology, Oceanography and Physical Processes	Marine Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore Archaeology and Cultural Heritage	Infrastrucutre and Other Marine Users
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035 - 2045	2046 - 2056	2057 - 2067													
HARWICH	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		55.1	13.2	d		d	d	a			a		c	d
COLCHESTER	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		78.8	21.9	d		d	d	a			a		c	d
IPSWICH	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		64.6	25.8	d		d	d	a			a		c	d
WHITSTABLE	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		82.1	50.2	d		d	d	a			a		f	d
SHEERNESS	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		95.8	50.6	d		d	d	a			a		f	d
RAMSGATE	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		63.6	52.9	d		d	d	a			a		f	d
THAMESPORT	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		99.7	54.3	d		d	d	a			a		f	d
CHATHAM DOCKS	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		110.7	64.1	d		d	d	a			a		f	d
LOWESTOFT	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		60.1	67.3	d		d	d	a			a		f	d
GRAVESEND	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		121.0	70.4	d		d	d	a			a		f	d
DOVER HARBOR	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		86.0	76.7	d		d	d	a			a		f	d
GREAT YARMOUTH	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		74.3	81.2	d		d	d	a			a		f	d
OOSTENDE	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		80.3	85.4	d		d	d	a			a		f	d
DUNKERQUE PORT OUEST	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		78.7	85.9	d		d	d	a			a		f	d
GRAVELINES	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		83.4	87.5	d		d	d	a			a		f	d
DUNKERQUE PORT EST	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		81.2	88.5	d		d	d	a			a		f	d
NIEUWPOORT	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		83.0	88.9	d		d	d	a			a		f	d
CALAIS	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		88.1	88.9	d		d	d	a			a		f	d
ZEEBRUGGE	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		87.1	90.9	d		d	d	a			a		f	d
LONDON	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		150.0	95.6	d		d	d	a			a		f	d

BRUGES	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		95.0	99.2	d		d	d	a			a			f	d
RYE HARBOUR	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		127.2	101.7	d		d	d	a			a			f	d
VLISSINGEN	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		105.5	107.6	d		d	d	a			a			f	d
BOULOGNE-SUR-MER	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		117.2	115.9	d		d	d	a			a			f	d
KING'S LYNN	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		143.7	118.1	d		d	d	a			a			f	d
TERNEUZEN	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		123.7	126.0	d		d	d	a			a			f	d
EUROPOORT	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		124.9	132.1	d		d	d	a			a			f	d
HOEK VAN HOLLAND	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		126.0	133.2	d		d	d	a			a			f	d
GHENT	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		134.7	138.5	d		d	d	a			a			f	d
NEWHAVEN HARBOUR	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		175.9	139.4	d		d	d	a			a			f	d
MAASSLUIS	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		134.2	141.3	d		d	d	a			a			f	d
SCHEVENINGEN	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		135.7	143.2	d		d	d	a			a			f	d
VLAARDINGEN	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		141.2	148.3	d		d	d	a			a			f	d
SHOREHAM HARBOUR	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		190.8	149.7	d		d	d	a			a			f	d
SCHIEDAM	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		144.6	151.7	d		d	d	a			a			f	d
BOSTON	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		180.5	153.4	d		d	d	a			a			f	d
ROTTERDAM	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		150.3	157.4	d		d	d	a			a			f	d
LITTLEHAMPTON HARBOUR	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		209.6	166.3	d		d	d	a			a			f	d
ANTWERPEN	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		166.9	169.1	d		d	d	a			a			f	d
DORDRECHT	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		162.66	169.56	d		d	d	a			a			f	d
IJMUIDEN	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		165.4	173.2			d	d	a			a			f	d
BRUXELLES	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		182.9	186.3			d	d	a			a			f	d

ZAANDAM	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																	180.5	188.4			d	d	a			e			f	d
AMSTERDAM	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																	183.1	190.9			d	d	a			e			f	d
PORTSMOUTH HARBOUR	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																	243.6	196.0			d	d	a			e			f	d

Table 3: Aggregates and Disposal

Construction Period (red outline denotes Five Estuaries 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	2033	2034	2035 - 2045	2046 - 2056	2057 - 2067	Distance from the VE array area (km)	Distance from the VE Offshore Export Cable Corridor (km)	Marine Geology, Oceanography and Physical Processes	Marine Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Marine Archaeology and Cultural Heritage	Other Marine Users and Activities
WARREN SPRING EXPTL AREA 2/1 (TH024)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		0.4	0.0	d		D	d							g	g
WARREN SPRING EXPTL AREA 2 (TH025)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		13.2	0.0	d		D	d							g	g
ROUGHS TOWER L (TH040)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		37.1	0.0	d		d	d							g	g
ROUGHS TOWER (TH042)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		36.8	0.0	d		d	d							g	g
ROUGHS TOWER EXTENSION (TH045)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		37.1	0.0	d		d	d							g	g
Galloper OWF (TH057)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		0.0	0.0	d		D	d							g	g
ROUGHS TOWER 'E' (TH049)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		37.5	0.1	d		d	d							g	g
NORTH WEST SHIPWASH (TH055)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		34.3	0.1	d		d	d							g	g
NORTH WEST SHIPWASH (HU199)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		34.3	0.2	d		d	d							g	g
ROUGHS TOWER M (TH038)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		37.5	0.3	d		d	d							g	g
ROUGHS TOWER C (TH041)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		37.5	0.3	d		d	d							g	g
ROUGHS TOWER A (TH044)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		37.8	0.5	d		d	d							g	g
ROUGHS TOWER D (TH039)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		38.2	1.0	d		d	d							g	g
ROUGHS TOWER B (TH043)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		38.8	1.5	d		d	d							g	g
AREA 108/3 (TH054)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Disused																		26.4	3.4	d		d	d							g	g
INNER GABBARD (TH052)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		20.6	3.9	c	c	c	c	a			a			c	c
THE WELL (TH046)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Disused																		48.3	4.1	d		d	d							g	g
HARWICH ROCK DUMP (TH030)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		46.3	4.1	d		d	d							g	g
Harwich Haven (TH027)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		30.0	4.2	c	c	c	c	a			a			c	b
TITCHMARSH SALTINGS (TH214)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Disused																		55.5	4.3	d		d	d							g	g
BRITNED (NS100)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		0.5	6.3	d		d	d							g	g
Horsey (TH230)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		55.48	6.68	f		f	f							c	f
INNER GABBARD EAST (TH056)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		16.4	7.2	c	c	c	c	a			a			c	c
EA One Route EC-2 (TH221)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		39.9	9.3	f		f	f							c	f
WARREN SPRING EXPTL AREA 1 (TH075)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		2.3	9.5	d		d	d							g	g
EA One Route EC-1 (TH220)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		45.8	10.3	f		f	f							c	f
RIVER STOUR (AREA 1 SUBTIDAL S) (TH211)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		52.7	10.6	d		d	d							g	g

BARROW DEEP (TH050)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		49.0	13.1	d		d	d							g	g
BARROW DEEP B (TH051)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		49.0	13.1	d		d	d							g	g
COPPERAS EAST (TH208)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		58.6	13.8	d		d	d							g	g
COPPERAS BAY (TH203)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		57.1	13.8	d		d	d							g	g
COPPERAS (TH216)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		58.4	13.9	f		f	f							c	f
COPPERAS BAY 2 (TH204)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		60.2	14.0	d		d	d							g	g
COPPERAS WEST (TH209)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		60.2	14.0	d		d	d							g	g
RIVER STOUR (TH035)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		58.4	14.1	d		d	d							g	g
ERWARTON EAST (TH207)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		56.4	14.4	d		d	d							g	g
ERWARTON TRACK (TH217)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		57.1	14.4	f		f	f							c	f
ERWARTON BAY (TH202)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		57.4	14.5	d		d	d							g	g
ORWELL EAST (TH053)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		55.9	14.6	d		d	d							g	g
ORWELL EAST TRACK (TH219)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		56.0	14.7	f		f	f							c	f
HOLBROOK BAY (TH205)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		61.5	14.8	d		d	d							g	g
HOLBROOK BAY 1 (TH210)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Disused																		61.8	14.9	d		d	d							g	g
ORWELL WEST (TH037)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		56.2	14.9	d		d	d							g	g
Wrabness Beach East (TH229)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		63.09	14.93	f		f	f							c	f
ORWELL WEST TRACK (TH218)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		56.3	15.0	f		f	f							c	f
WRABNESS BEACH TH213	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		63.5	15.0	f		f	f							c	f
STOUR WATER COLUMN 2 (TH200)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		62.1	15.0	d		d	d							g	g
RIVER ORWELL (TH036)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		56.1	15.4	d		d	d							g	g
JACQUES BAY (TH206)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		64.2	15.4	d		d	d							g	g
STOUR WATER COLUMN 3 (TH201)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		65.4	16.0	d		d	d							g	g
Levington Site 3 (TH227)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		56.31	16.15	f		f	f							c	f
RIVER ORWELL (ABP) (TH034)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		56.6	16.3	f		f	f							c	f
Levington Site 4 (TH228)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		56.49	16.29	f		f	f							c	f
Levington Site 2 (TH226)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		57.31	17.08	f		f	f							c	f
ALRESFORD SALTINGS (TH212)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Disused																		74.9	17.1	d		d	d							g	g
Levington Site 1 (TH225)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		57.49	17.27	f		f	f							c	f
WIVENHOE OVERFLOW (TH215)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		76.0	18.2	d		d	d							g	g

EA One Route EC-3 (TH222)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		31.86	18.8	f		f	f							c	f
Stonner Point (TH022)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		52.9	19.1	d		d	d							g	g
NORTH SEA DREDGE TEST (NS111)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		16.2	21.6	d		d	d							g	g
SOUTH FALLS (TH070)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		18.7	22.5	f		f	f							c	f
Loders Cut Island (TH021)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		54.9	22.7	d		d	d							g	g
East Anglia One (TH023)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		16.4	24.0	f		f	f							c	c
IPSWICH FOX (TH031)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		65.2	24.0	d		d	d							g	g
Orwell Yacht Club (TH032)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		65.3	24.39	f		f	f							c	f
TOLLESBURY SALTINGS (TH047)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		82.0	24.9	d		d	d							g	g
EA One Route EC-5 (TH224)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		19.04	26.13	f		f	f							c	f
EAOW3 (HU212)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		20.0	26.6	f		f	f							c	f
NORTH EDINBURGH CHANNEL (TH080)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		53.4	27.2	d		d	d							g	g
EA One Route EC-4 (TH223)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		22.3	28.57	f		f	f							c	f
WALLASEA ISLAND (TH061)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		82.9	31.6	d		d	d							g	g
TEOW Disposal site 1 (TH153)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		39.16	33.86	f		f	f							c	f
Essex Marina (TH066)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		87.1	34.5	f		f	f							g	g
Northey Island (TH058)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		91.55	34.67	f		f	f							c	f
RIVER CROUCH (TH060)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		87.9	35.2	f		f	f							g	g
UPPER BLACKWATER ESTUARY (TH048)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		92.8	36.0	f		f	f							g	g
BRIDGEMARSH ISLAND (TH065)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		90.0	36.4	f		f	f							g	g
MALDON SALTINGS 2 (TH063)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		93.4	36.4	f		f	f							g	g
Maldon Saltings 3 (TH064)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		93.4	36.4	f		f	f							c	f
MALDON SALTINGS (TH062)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		93.6	36.6	f		f	f							g	g
TEOW Disposal site 2 (TH154)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		45.83	36.99	f		f	f							c	f
THANET (TH110)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		42.0	39.9	f		f	f							g	g
AEA EXPERIMENTAL SITE (TH026)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		37.0	43.3	f		f	f							g	g
MUCKING AND LEIGH MIDDLE (TH100)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		90.7	43.8	f		f	f							g	g
TEOW Disposal site 3 (TH155)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																		50.57	43.76	f		f	f							c	f
MEDWAY APPROACH CHANNEL (TH101)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		88.1	44.1	f		f	f							g	g
NORTH GOODWIN (TH130)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																		49.4	44.5	f		f	f							g	g

SHOEBURYNESS (TH090)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																	92.6	45.1	f		f	f							g	g
MEDWAY APPROACH CHANNEL B (TH102)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																	90.3	45.8	f		f	f							g	g
SOUTHEND ON SEA BEACH (TH071)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																	95.6	46.0	f		f	f							g	g
WHITSTABLE (TH120)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																	77.3	46.4	f		f	f							g	g
WHITSTABLE B (TH125)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																	78.7	47.4	f		f	f							g	g
WHITSTABLE C (TH073)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																	79.0	48.1	f		f	f							c	f
Nemo Disposal Site B (TH151)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																	49.4	48.6	f		f	f							c	f
SOUTHWOLD HARBOUR (TH020)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Closed																	47.2	49.1	f		f	f							g	g
Nemo Disposal Site A (TH150)	Explore marine plans (marineservices.org.uk)	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Sea Disposal Site	Open																	46.8	49.4	f		f	f							c	f

Table 4: Offshore Renewable Energy

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes Five Estuaries offshore construction period)																Distance from the VE array area (km)	Distance from the VE Offshore Export Cable Corridor (km)	Marine Geology, Oceanography and Physical Processes	Marine Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore Archaeology and Cultural Heritage	Infrastructure and Other Marine Users
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035 - 2045	2046 - 2056	2057 - 2067													
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																	0.0	0.0	c	c	c	c	c		c	c	c	c	c	c
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																	0.0	0.0	b			d				a	c	a	a	a
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																	3.3	0.6	b			d				a	c	a	a	a
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																	54.5	6.0	b			d				a	c	a	a	a
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																	51.9	6.5	b			d				a	c	a	a	a
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																	58.1	10.2	b			d				a	c	a	a	a
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																	5.3	11.6	c	c	c	c	c		c	c	c	c	c	a
London Array	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																	35.3	14.0	b			d				a	c	a	a	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																	22.7	29.4	f			d	c			a	c	a	a	f
Thanet	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																	42.9	36.2	f			d				a	c	a	a	f
Kentish Flats	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																	71.3	37.5	f			d				a	c		a	f
Kentish Flats 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	Active/In Operation																	71.1	38.9	f			d				a	c		a	f
Mermaid	https://www.ocean-energy-systems.org/ocean-energy/gis-map-tool/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Hybrid Wave/Wind Energy	Consented																	39.6	41.01	f			a			c	d			c	f
Northwester 2	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																	39.2	41.2	f			d	c			a			c	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																	36.0	41.3	f			c	c		c	c	c	c	c	f
Borssele	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned																	41.3	42.2	f			d	c		c	d			c	f
Borssele Kavel IV	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																	41.3	42.2	f			d	c			a			c	f
Belwind phase 2 (Nobelwind) (Zone 1)	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																	43.4	45.2	f			d				a			c	f
Belwind phase 1	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																	44.2	46.1	f			d				a			c	f
Belwind phase 2 (Nobelwind) (Zone 2)	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																	46.1	48.5	f			d				a			c	f
Seastar	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																	48.1	50.8	f			d	c			a			c	f
Borssele Kavel III	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																	50.7	52.4	f			d	c			a			f	f
Northwind	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																	51.5	54.2	f			d				a			f	f
Borssele Kavel I	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																	53.2	55.8	f			d	c			a			f	f
Rentel	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																	53.8	56.5	f			d				a			f	f

Borssele Kavel V	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																		56.1	58.0	f			d	c			a			f	f
C-Power (Zone A)	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																		55.8	59.0	f			d				a			f	f
Borssele Kavel II	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																		60.0	62.0	f			d	c			a			f	f
C-Power (Zone B)	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																		59.4	62.2	f			d				a			f	f
Norther	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																		60.9	64.2	f			d	c			a			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																		68.6	75.3	f			d	c		c	c			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																		73.7	80.5	f			c	c			a	c		f	f
Flan Sea	Press release	High - Third party project details published in the public domain e	Wave Energy - Sea Testing	Completed																		78.85	83.85	f			f				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																		91.1	96.8	f			d	c		c	c			f	f
Hollandse Kust (West)	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned																		89.2	97.1	f			d	c		c	c			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																		92.2	97.9	f			d	c		c	c			f	f
IJmuiden Ver	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned																		94.4	101.6	f			c	c		c	d			f	f
Thames at Chiswick	http://en.openei.org/wiki/MHK_Projects/Eynhallow_Sound	High - Third party project details published in the public domain	Tidal Energy	Completed																		161.74	107.04	f							d			f	f
Eastern Scheldt	https://www.ocean-energy-systems.org/ocean-energy/gis-map-tool/	High - Third party project details published in the public domain	Tidal Energy	Operational																		104.27	108.19	f							d			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																		104.6	110.0	f			c	c		c	d			f	f
Hollandse Kust (Zuid)	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned																		116.5	124.3	f						c	d			f	f
HKZ Kavel III	4C Offshore	High - Third party project details published in the public domain																				116.5	124.3	f							d			f	f
HKZ Kavel II	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Construction																		116.8	124.6	f						c	d			f	f
HKZ Kavel I	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Construction																		119.1	127.0	f						c	d			f	f
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	Pre-planning Application																		134.8	132.5	f			c	c		c	d			f	f
HKZ Kavel IV	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Construction																		125.4	133.2	f						c	d			f	f
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																		137.2	134.1	f							a			f	f
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	Pre-planning Application																		136.3	139.1	f			c	c		c	d			f	f
WP Q10 / Eneco Luchterduinen	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																		133.1	141.0	f							a			f	f
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																		143.3	145.5	f							a			f	f
Docking Shoal Met Mast	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Dismantled																		163.2	150.5	f							f			f	f
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																		167.3	151.8	f							a			f	f
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																		159.6	151.9	f							a			f	f
Hollandse Kust (Noord)	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Approved																		144.0	151.9	f						c	c			f	f
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																		168.0	152.2	f							a			f	f

Prinses Amalia Windparken	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	145.0	152.9	f							a			f	f
HKN Kavel V	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Approved	145.9	153.8	f						c	d			f	f
Rampion 2 (Zone 6)	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	188.8	153.8	f			c	c		c	d			f	f
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	172.1	156.9	f							a			f	f
Rampion	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	195.3	157.2	f							a			f	f
Rampion 2 (Rampion 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	Pre-planning Application	205.8	166.0	f				c			d			f	f
NSW Offshore windpark Egmond aan Zee	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	158.1	166.0	f							a			f	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	174.9	170.8	f							a			f	f
Round 4 Preferred Project 3	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	Preferred Project – Subject to HRA	175.5	176.1	f							d			f	f
Dieppe - Le Treport	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Approved	181.5	176.8	f						c	d			f	f
Hornsea Project Three (HOW	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	192.7	198.3	f			c	c		c	d			f	f
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	217.7	205.7	f							a			f	f
Hornsea 1 (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	Active/In Operation	202.5	208.8	f							a			f	f
Hornsea Project 1 (Njord) Wind Farm	4C Offshore	High - Third party project details published in the public	Offshore Wind Farm	Production	203.8	210.2	f							a			f	f
Hornsea 1 (Centre)	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	203.9	210.4	f							a			f	f
BlueTec Floating platform	N/A	High - Third party project details published in the public domain	Floating Tidal Platform	Operational	204.08	211.87	f							a			f	f
Hornsea 1 (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	Active/In Operation	205.5	212.0	f							a			f	f
Hornsea Project 2 - Phase 3 (Sonningmay)	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	206.9	213.6	f							a			f	f
Fecamp	https://www.enbridge.com/projects-and-infrastructure/projects/fecamp-offshore-wind-project	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Approved	232.6	213.6	f							d			f	f
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	In Planning	209.6	215.1	f			c	c			d			f	f
Hornsea Project 2 - Phase 1 (Breesea)	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	213.5	220.0	f							a			f	f
Perpetuus Tidal Energy Centre (PTEC)	4C Offshore	High - Third party project details published in the public domain	Tidal Energy	Consented	265.13	220.06	f				c			d			f	f
Pulse Stream 100 Demonstration Project	https://www.renewableuk.com/page/UKMED2	High - Third party project details published in the public domain	Tidal Energy	Completed	239	222.86	f							f			f	f
Den Oever Project	N/A	High - Third party project details published in the public domain	Offshore Wind Farm	Completed	215.02	222.89	f							f			f	f
Hornsea Project 2 - Phase 2 (Soundmark)	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	217.4	224.1	f							a			f	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	238.2	226.5	f							a			f	f

Proteus 1:10 Scale Prototype	http://en.openei.org/wiki/MHK_Technologies/Neptune_Proteus_NP1000; http://www.ocean-energy-systems.org/ocean-energy-in-the-world/gis-map/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Completed																		254.39	237.8	f							f			f	f
Parc eolien pose au large de la Normadie (AO4)	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned																		269.8	238.9	f			c	c			d			f	f

Courseulles-sur-mer	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Approved																		308.3	284.0	f							d			f	f
Portland Bill	https://www.renewableuk.com/page/UKMED2; https://opendata-thecrownestate.opendata.arcgis.com/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Tidal Energy	Pre-planning application																		344.4	294.7	f							d			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																		296.1	302.5	f				c	c			a			f	f
Ten Noorden van de Wadden	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned																		299.6	306.8	f							d			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																		315.8	322.1	f					c		d			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																		318.7	325.1	f				c	c		d			f	f
Dogger Bank West Met Mast	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Dismantled																		319.5	325.9	f							f			f	f
Raz Blanchard / Alderney Race	https://www.ocean-energy-systems.org/ocean-energy/gis-map-tool/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Tidal Energy	Early concept																		367.96	327.6	f							d			f	f
Alderney Race Tidal	N/A	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Tidal Energy	In planning																		373.71	332.5	f							d			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																		330.5	336.5	f					c		d			f	f
ZeeEnergie / Gemini II	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																		329.7	337.2	f							a			f	f
Buitengaats / Gemini I	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																		337.0	344.5	f							a			f	f
Riffgat	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production																		337.6	345.3	f							a			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																		362.6	348.5	f							a			f	f
OWP West	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Approved																		342.4	349.9	f							d			f	f
Borkum Riffgrund West II	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned																		343.0	350.5	f							d			f	f
N-9.3	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned																		345.3	352.3	f							d			f	f
Dogger Bank East Met Mast	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Dismantled																		346.4	352.4	f							f			f	f
N-9.1	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned																		345.8	352.9	f							d			f	f
TidalKite Power Plant	N/A	N/A	Tidal Energy	Completed																		345.2	353.07	f							f			f	f
N-6.7	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned																		346.5	353.7	f							d			f	f
Deutsche Bucht	4C Offshore	High - Third party project details published in the public	Offshore Wind Farm	Production																		346.8	354.0	f							a			f	f

Borkum Riffgrund West	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Approved	346.9	354.5	f			c	c			d			f	f
N-6.6	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	347.6	354.9	f							d			f	f
Veja Mate	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	348.2	355.5	f							a			f	f
Borkum Riffgrund West II	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	351.6	359.1	f							d			f	f
Borkum Riffgrund 2	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	354.6	362.3	f							a			f	f
BARD Offshore 1	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	355.4	362.7	f							a			f	f
Trianel Windpark Borkum Phase 2	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	356.9	364.5	f							a			f	f
Trianel Windpark Borkum Phase 1	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	358.3	365.9	f							a			f	f
Borkum Riffgrund 1	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	358.8	366.4	f							a			f	f
N-7.2	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	360.8	368.2	f			c	c			d			f	f
Merkur Offshore (MEG Offshore I)	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	361.7	369.3	f							a			f	f
alpha ventus	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	366.0	373.6	f							a			f	f
EnBW He dreiht	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Approved	366.5	373.9	f			c	c			d			f	f
N-9.2	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	366.8	373.9	f							d			f	f
Nordsee One	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	371.6	379.3	f							a			f	f
N-3.6	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	374.1	381.8	f							d			f	f
N-3.5	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	377.7	385.4	f							d			f	f
EnBW Hohe See	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	382.3	389.6	f							a			f	f
Albatros	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	382.5	389.8	f							a			f	f
N-10.1	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	383.3	390.5	f							d			f	f
N-10.2	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	384.22	391.32	f							d			f	f
N-3.8	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	384.0	391.7	f			c	c			d			f	f
Gode Wind 01	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	384.0	391.8	f							a			f	f
GlobalTech I	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	388.2	395.5	f							a			f	f
Gode Wind 02	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	389.6	397.3	f							a			f	f
N-3.7	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	391.0	398.7	f			c	c			d			f	f
Gode Wind 3	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Approved	391.8	399.6	f			c	c			d			f	f
Blyth Demonstration Phases 2	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	415.9	403.8	f			c	c			d			f	f
Blyth Demo Phase 1	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	417.4	404.6	f			c	c			a			f	f
Blyth	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	Inactive/Decommissioned	423.0	409.8	f							f			f	f
Saint-Brieuc	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Approved	451.0	415.3	f							d			f	f
La Rance Tidal Barrage/Usine maremotrice de la Rance	https://www.ocean-energy-systems.org/ocean-energy/gis-map-tool/; http://mhk.pnl.gov/map-viewer?f[0]=type%3Aannex_iv_site&f[1]=field_country%3A309	High - Third party project details published in the public domain	Tidal Energy	Operational	453.58	422.98	f							a			f	f
Paimpol Brehat Tidal Farm	https://www.ocean-energy-systems.org/ocean-energy/gis-map-tool/	High - Third party project details published in the public domain	Tidal Energy	Completed	480.78	442.62	f							f			f	f
Meerwind Sued/Ost	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	444.1	451.8	f							a			f	f
Nordergruende	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	445.0	452.8	f							a			f	f

Project	Source	Confidence	Type	Status														
Nordsee Ost	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	447.4	455.1	f							a			f	f
Kaskasi II	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Approved	452.5	460.2	f							d			f	f
Amrumbank West	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	454.3	461.9	f							a			f	f
Nordsren III vest	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	456.8	463.2	f							d			f	f
FabTest, Falmouth Bay	https://opendata-thecrownestate.opendata.arcgis.com/datasets/a2be8b6c75b143c8ab43703e01228eab	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Tidal Energy	Active/In Operation	526.74	474.19	f							a			f	f
FaBTest WaveSub	https://www.renewableuk.com/page/UKMED2	High - Third party project details published in the public domain	Tidal Energy	Ceased operating	527.67	475.07	f							f			f	f
Sandbank	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	468.3	475.3	f							a			f	f
Nordsren II vest	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	470.7	477.1	f							d			f	f
DanTysk	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	471.9	479.1	f							a			f	f
SeaGreen Charlie Wind Farm	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	507.8	499.7	f			c	c			d			f	f
Berwick Bank Firth of Forth	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm		507.78	499.7	f			c	c			d			f	f
Butendiek	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Production	493.3	500.7	f							a			f	f
Beatrice	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	759	752						c						
Beatrice Demonstrator	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Inactive/Decommissioned	750	750						c						
European Offshore Wind Deployment Centre (Aberdeen Bay)	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	638	631						c						
Hywind	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	649	645						c						
Kincardine	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	611	604						c						
Methil	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	574	559						c						
Moray Firth (EDA)	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	746	740						c						
Firth of Forth - Alpha and Bravo	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	557	550						c						
Neart na Gaoithe	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Under Construction	546	535						c						
Inch Cape	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	565	555						c						
Moray West	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	748	741					c	c						
Pentland Floating Offshore Wind Demonstrator	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	830	822					c							
Outer Dowsing	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	175	176					c							
Dunkerque	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	64	71					c							
DBS West and DBS East (Dogger Bank South)	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	262	269					c							
Thor	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Planned	577	584					c							
Scotwind E1	Crown Estate Scotland	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Offshore Wind Farm	Planned	523	524					c							
Scotwind NE6	Crown Estate Scotland	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Offshore Wind Farm	Planned	693	690					c							
Scotwind NE8	Crown Estate Scotland	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Offshore Wind Farm	Planned	727	726					c							
Scotwind N1	Crown Estate Scotland	Medium - Third party project details published in the public domain and confirmed as being 'accurate'	Offshore Wind Farm	Planned	843	835					c							

Table 5: Oil and Gas

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes Five Estuaries offshore construction period)																Distance from the VE array area (km)	Distance from the VE Offshore Export Cable Corridor (km)	Marine Geology, Oceanography and Physical Processes	Marine Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore Archaeology and Cultural Heritage	Infrastructure and Other Marine Users
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035 - 2045	2046 - 2056	2057 - 2067													
WRECK FV SONJA Z.19 KFB:18/2018	SEAFISH	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SUBSEA	ACTIVE																		90.5	96.4	d			d	a			a	f	f
53/2-13 (ARTHUR 2)	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																		100.0	106.1	d			d	a			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																		106.2	106.2	d			d	a			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	ACTIVE																		100.8	107.1	d			d	a			a	f	f
ARTHUR MANIFOLD	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE																		101.6	107.8	d			d	a			a	f	f
RISER. 53/1-A :882	BP	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	RISER BASE	ACTIVE																		105.2	111.6	d			d	a			a	f	f
CAMELOT TEE	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	ABANDONED																		108.9	115.2	d			d	a			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'	WELLHEAD	PRECOMMISSION																		109.8	115.8	d			d	a			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																		109.8	115.9	d			d	a			a	f	f
LEMAN H	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		111.7	118.0	d			d	a			a	f	f
LEMAN D	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		112.2	118.5	d			d	a			a	f	f
LEMAN DD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		113.7	119.7	d			d	a			a	f	f
52/5A	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		113.1	119.7	d			d	a			a	f	f
LEMAN DP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		113.7	119.8	d			d	a			a	f	f
LEMAN CD (PERENCO)	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		114.2	120.4	d			d	a			a	f	f
LEMAN CP (PERENCO)	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		114.3	120.5	d			d	a			a	f	f
TEE-PIECE PL207 CONNECTION :1173	BP	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	ACTIVE																		114.8	121.1	d			d	a			a	f	f
LEMAN J	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		114.8	121.1	d			d	a			a	f	f
PIPE EXPOSED AT SUBSEA TEE :1170	BP	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	ACTIVE																		114.8	121.1	d			d	a			a	f	f
LEMAN FD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		116.1	122.2	d			d	a			a	f	f
LEMAN G (PERENCO)	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		116.3	122.2	d			d	a			a	f	f
LEMAN FP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		116.2	122.3	d			d	a			a	f	f
48/29A-FTP	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		115.7	122.4	d			d	a			a	f	f
48/29A-P	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		115.8	122.5	d			d	a			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																		115.8	122.5	d			d	a			a	f	f

WELLAND 4	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ABANDONED																	117.3	122.6	d			d	a			a			f	f
WELLAND 3	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ABANDONED																	117.4	122.8	d			d	a			a			f	f
LEMAN BD (PERENCO)	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	117.1	123.2	d			d	a			a			f	f
LEMAN E	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	117.0	123.3	d			d	a			a			f	f
LEMAN BP (PERENCO)	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	117.2	123.3	d			d	a			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																	116.7	123.3	d			d	a			a			f	f
LEMAN BT (PERENCO)	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	117.2	123.4	d			d	a			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																	117.2	123.4	d			d	a			a			f	f
LEMAN AD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	117.2	123.4	d			d	a			a			f	f
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																	117.3	123.5	d			d	a			a			f	f
LEMAN AP (PERENCO)	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	117.3	123.5	d			d	a			a			f	f
LEMAN AC	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	117.3	123.5	d			d	a			a			f	f
LEMAN AX	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	117.4	123.6	d			d	a			a			f	f
LEMAN AQ	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	117.4	123.6	d			d	a			a			f	f
LEMAN ED	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	117.9	124.2	d			d	a			a			f	f
LEMAN EP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	118.0	124.2	d			d	a			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																	118.4	125.0	d			d	a			a			f	f
YARE 'C'	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	119.5	125.1	d			d	a			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																	118.5	125.2	d			d	a			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																	118.9	125.4	d			d	a			a			f	f
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																	118.9	125.4	d			d	a			a			f	f
LOST DRAGHEAD KFB10/2019	SEAFISH	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SUBSEA	ACTIVE																	150.6	125.8	d			d	a			a			f	f
LEMAN BD (SHELL)	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	119.6	125.9	d			d	a			a			f	f
LEMAN BP (SHELL)	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	119.7	126.0	d			d	a			a			f	f
CPT ROD GREATER THAN 1M BELOW SEABED KFB:16/2018	SEAFISH	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SUBSEA	ACTIVE																	120.8	126.2	d			d	a			a			f	f
LEMAN BT (SHELL)	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	120.2	126.5	d			d	a			a			f	f
DAVY EAST	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	121.2	127.1	d			d	a			a			f	f
DAVY A	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	121.6	127.2	d			d	a			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																	120.9	127.3	d			d	a			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																	121.1	127.5	d			d	a			a			f	f
LEMAN AP (SHELL)	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	121.2	127.5	d			d	a			a			f	f
LEMAN AD2	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	121.2	127.6	d			d	a			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																	121.2	127.6	d			d	a			a			f	f
LEMAN AC (SHELL)	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	121.3	127.6	d			d	a			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																	121.1	127.7	d			d	a			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																	121.3	127.9	d			d	a			a			f	f
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																	121.3	127.9	d			d	a			a			f	f
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																	121.3	127.9	d			d	a			a			f	f
LEMAN CD (SHELL)	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	121.9	128.2	d			d	a			a			f	f
LEMAN CP (SHELL)	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	121.9	128.2	d			d	a			a			f	f
48/29B	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	121.5	128.3	d			d	a			a			f	f
THAMES AR	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	123.3	129.0	d			d	a			a			f	f
THAMES A	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	123.3	129.0	d			d	a			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																	122.5	129.2	d			d	a			a			f	f
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																	122.6	129.2	d			d	a			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																	122.6	129.2	d			d	a			a			f	f
LEMAN F	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	123.4	129.8	d			d	a			a			f	f
CPT RODS ON/IN SEABED KFB:16/2018	SEAFISH	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SUBSEA	ACTIVE																	125.1	130.4	d			d	a			a			f	f
LEMAN G (SHELL)	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	124.3	130.7	d			d	a			a			f	f
48/29C	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	124.9	131.6	d			d	a			a			f	f
BURE 'O'	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	126.2	132.1	d			d	a			a			f	f
CPT ROD FLAT ON SEABED KFB:16/2018	SEAFISH	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SUBSEA	ACTIVE																	126.7	132.1	d			d	a			a			f	f
BURE WEST	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	126.6	132.5	d			d	a			a			f	f
N DAVY 49/30A- 7A	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	128.4	133.7	d			d	a			a			f	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																	129.5	136.2	d			d	a			a			f	f
WELL 48/29-9 :398	SEAFISH	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	129.7	136.4	d			d	a			a			f	f

GAWAIN G1	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	134.6	140.0	d			d	a			a			f	f
GAWAIN G2	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	134.6	140.0	d			d	a			a			f	f
GAWAIN G3	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	134.6	140.0	d			d	a			a			f	f
BESSEMER A	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	135.0	140.8	d			d	a			a			f	f
SURFACE MOORING BUOY 2	ONEBV	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SURFACE	ACTIVE																	138.9	144.2	d			d	a			a			f	f
CALLISTO WELLHEAD ZM	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	138.9	144.9	d			d	a			a			f	f
ORWELL D1	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	139.2	144.9	d			d	a			a			f	f
ORWELL D3	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	139.2	144.9	d			d	a			a			f	f
ORWELL D2	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as	WELLHEAD	ACTIVE																	139.2	144.9	d			d	a			a			f	f
NW BELL	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	139.0	145.0	d			d	a			a			f	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																	140.0	145.3	d			d	a			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																	140.0	145.3	d			d	a			a			f	f
VULCAN 1	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																	139.0	145.4	d			d	a			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																	140.3	145.6	d			d	a			a			f	f
SEAN PD	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	140.4	145.7	d			d	a			a			f	f
CORVETTE WYE	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE																	140.4	146.1	d			d	a			a			f	f
CORVETTE	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	140.5	146.1	d			d	a			a			f	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																	141.3	146.6	d			d	a			a			f	f
NW BELL 49/23- 9	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	142.3	148.3	d			d	a			a			f	f
SINOPE TEE	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	NOT IN USE																	142.5	148.7	d			d	a			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																	143.5	148.8	d			d	a			a			f	f
INDE D	PERENCO	Medium - Third party project details published in the public	PLATFORM	ACTIVE																	146.6	152.5	d			d	a			a			f	f
SOUTH VALIANT	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																	146.6	153.0	d			d	a			a			f	f
49/23- 3	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	147.6	153.4	d			d	a			a			f	f
INDE CD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	147.9	153.7	d			d	a			a			f	f
INDE CP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	148.0	153.7	d			d	a			a			f	f
INDE AT	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	149.7	155.5	d			d	a			a			f	f
INDE AC	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	149.8	155.5	d			d	a			a			f	f

INDE AQ	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	149.9	155.7	d			d	a			a			f	f
DURANGO 48/21A-4	Bridge Resources Corp.	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	PRECOMMISSION																	159.6	156.3	d			d	a			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																	150.4	156.6	d			d	a			a			f	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																	151.1	157.5	d			d	a			a			f	f
VANGUARD	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																	153.2	159.6	d			d	a			a			f	f
PL253 SOUTHERN TEE	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	ACTIVE																	152.9	159.6	d			d	a			a			f	f
ISOLATION VALVE (8X8X2.6M) :136	BP	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	VALVE	ACTIVE																	152.9	159.6	d			d	a			a			f	f
INDE AD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	154.0	159.8	d			d	a			a			f	f
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																	154.1	159.9	d			d	a			a			f	f
INDE AP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	154.1	159.9	d			d	a			a			f	f
LOGGS ACCOMMODATION	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																	154.8	161.3	d			d	a			a			f	f
LOGGS PRODUCTION	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																	154.9	161.3	d			d	a			a			f	f
NORTH VALIANT 1	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																	154.9	161.3	d			d	a			a			f	f
LOGGS COMPRESSION	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																	154.9	161.4	d			d	a			a			f	f
LOGGS RISER	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																	154.9	161.4	d			d	a			a			f	f
VIXEN VM WELL	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	155.5	161.8	d			d	a			a			f	f
E+ WELLHEAD (VIXEN)	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	155.5	161.8	d			d	a			a			f	f
WAVENEY	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	161.1	161.8	d			d	a			a			f	f
LOST WIRE	SEAFISH	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SUBSEA	ACTIVE																	156.1	162.3	d			d	a			a			f	f
INDE BD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	156.7	162.5	d			d	a			a			f	f
INDE BP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	156.7	162.6	d			d	a			a			f	f
ANGLIA YD	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	155.9	162.6	d			d	a			a			f	f
ANGLIA A	GDF BRITAIN	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	155.9	162.6	d			d	a			a			f	f
ANCHOR APPROX 3.5M X 1.8M KFB:13/2018	SEAFISH	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SUBSEA	ACTIVE																	201.8	162.8	d			d	a			a			f	f
48/18B- 9	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																	157.5	163.7	d			d	a			a			f	f
CLIPPER SOUTH	RWE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	158.2	164.8	d			d	a			a			f	f
TEE PIECE ON PL454 (FUTURE TEE)	SEAFISH	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	NOT IN USE																	158.2	164.9	d			d	a			a			f	f
TEE PIECE ON PL454	SEAFISH	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	NOT IN USE																	165.3	165.1	d			d	a			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																	159.5	165.1	d			d	a			a			f	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																	161.3	167.4	d			d	a			a			f	f
WAVENEY STEP-OUT TEE	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	ACTIVE																	165.2	167.5	d			d	a			a			f	f
WAVENY TEE	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	ACTIVE																	165.2	167.5	d			d	a			a			f	f
LANCELOT TEE	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	ACTIVE																	165.2	167.5	d			d	a			a			f	f
SSIV LAPS :399	SEAFISH	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	VALVE	ACTIVE																	165.2	167.5	d			d	a			a			f	f
LANCELOT A	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	165.5	167.8	d			d	a			a			f	f
SKIFF	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	162.2	168.8	d			d	a			a			f	f
GUINEVERE A	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	168.3	168.8	d			d	a			a			f	f
VICTORIA VALVE SKID	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	VALVE	ACTIVE																	162.8	168.9	d			d	a			a			f	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																	162.8	168.9	d			d	a			a			f	f
GALLEON PN	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	163.4	169.9	d			d	a			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																	164.4	170.1	d			d	a			a			f	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																	164.9	171.0	d			d	a			a			f	f
CLIPPER 16 INCH LINE SSIV	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	VALVE	ACTIVE																	164.6	171.3	d			d	a			a			f	f
CLIPPER 24 INCHLINE SSIV	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	VALVE	ACTIVE																	164.6	171.3	d			d	a			a			f	f
CLIPPER PR	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	164.7	171.3	d			d	a			a			f	f
CLIPPER PM	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	164.7	171.4	d			d	a			a			f	f
CLIPPER PT	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	164.8	171.4	d			d	a			a			f	f
CLIPPER PC	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	164.8	171.4	d			d	a			a			f	f
CLIPPER PH	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	164.8	171.4	d			d	a			a			f	f
CLIPPER PW	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	164.9	171.5	d			d	a			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																	166.6	171.9	d			d	a			a			f	f
CARAVEL WYE	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE																	166.6	171.9	d			d	a			a			f	f
EXCALIBER EA	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	171.9	174.0	d			d	a			a			f	f
ALISON/KX WELLHEAD	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE																	167.8	174.1	d			d	a			a			f	f
SHAMROCK QS	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	171.4	176.7	d			d	a			a			f	f
GALLEON PG	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																	170.8	177.4	d			d	a			a			f	f

AUDREY A (WD)	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		171.5	178.0	d			d	a			a			f	f
AUDREY "WM" 7X WELLHEAD	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																		171.6	178.1	d			d	a			a			f	f
GALAHAD TEE	BGS	Medium - Third party project	PIPE JUNCTION	ACTIVE																		177.5	180.4	d			d	a			a			f	f
AUDREY B (XW)	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		174.8	181.3	d			d	a			a			f	f
PICKERILL B	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		182.4	181.8	d			d	a			a			f	f
THEDDLETHORPE GAS TERMINAL	BGS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	TERMINAL	ACTIVE																		198.2	182.8	d			d	a			a			f	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	ACTIVE																		176.7	182.9	d			d	a			a			f	f
WENLOCK NUI	ATP	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		176.9	183.0	d			d	a			a			f	f
GALAHAD TEE	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	ACTIVE																		180.1	183.1	d			d	a			a			f	f
GALAHAD	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		180.2	183.1	d			d	a			a			f	f
MALORY	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		182.4	183.3	d			d	a			a			f	f
BARQUE PL	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		177.9	184.6	d			d	a			a			f	f
PICKERILL A	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		187.0	185.3	d			d	a			a			f	f
ENSIGN PLATFORM	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	PRECOMMISSION																		178.8	185.4	d			d	a			a			f	f
ENSIGN 2	VENTURE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	PRECOMMISSION																		178.8	185.4	d			d	a			a			f	f
PIPELINE PROTECTION UNITS	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SUBSEA	ACTIVE																		180.7	186.2	d			d	a			a			f	f
CARRACK MANIFOLD	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE																		180.7	186.3	d			d	a			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																		180.7	186.3	d			d	a			a			f	f
TETHYS TEE	TOTAL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	ACTIVE																		180.3	186.7	d			d	a			a			f	f
ENSIGN 48/14-ED SUBSEA WELLHEAD 48/14-7Y	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	PRECOMMISSION																		180.4	187.0	d			d	a			a			f	f
CARRACK WEST WELLHEAD	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																		181.4	187.1	d			d	a			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																		181.9	187.3	d			d	a			a			f	f
PIPELINE SPAN JULIET EXPORT 15M X 1.3M KFB: 19/2017	SEAFISH	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	OTHER SUBSEA	ACTIVE																		190.7	187.7	d			d	a			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																		183.1	188.8	d			d	a			a			f	f
AMETHYST B1D	BP EXPLORATION	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		193.5	189.0	d			d	a			a			f	f
49/11B TETHYS	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		183.7	190.1	d			d	a			a			f	f
BARQUE PB	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		184.3	190.3	d			d	a			a			f	f
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																		187.3	193.7	d			d	a			a			f	f

ANNABEL MANIFOLD	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	MANIFOLD	ACTIVE																		187.7	194.2	d			d	a			a			f	f
ANNABEL 1 SUBSEA WELLHEAD	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																		187.7	194.2	d			d	a			a			f	f
ANNABEL 2 SUBSEA WELLHEAD	VENTURE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																		187.8	194.3	d			d	a			a			f	f
ANNABEL 2 WELLHEAD	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																		187.8	194.3	d			d	a			a			f	f
TEE-PIECE TO 30IN A2D-DIMLINGTON GAS PIP :790	BP	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	ACTIVE																		202.9	196.7	d			d	a			a			f	f
TEE-PIECE TO 30IN A2D - DIMLINGTON GAS P :788	BP	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	ACTIVE																		203.0	196.8	d			d	a			a			f	f
TEE-PIECE TO AMETHYST A1D :752	BP	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PIPE JUNCTION	ACTIVE																		203.0	196.8	d			d	a			a			f	f
AMETHYST A1D	BP EXPLORATION	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		203.1	196.8	d			d	a			a			f	f
CUTTER	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		191.1	196.9	d			d	a			a			f	f
AMETHYST A2D	BP EXPLORATION	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		202.3	197.0	d			d	a			a			f	f
ANN SUBSEA TEMPLATE	VENTURE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	TEMPLATE	ACTIVE																		190.9	197.2	d			d	a			a			f	f
ANN A4 WELLHEAD	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																		190.9	197.3	d			d	a			a			f	f
SATURN ND	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		192.6	199.1	d			d	a			a			f	f
GROVE WEST CHOKE VALVE	VENTURE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	VALVE	ACTIVE																		196.2	201.8	d			d	a			a			f	f
GROVE WEST	VENTURE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	ACTIVE																		196.2	201.8	d			d	a			a			f	f
GROVE PLATFORM	VENTURE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		196.5	202.1	d			d	a			a			f	f
48/9A MIMAS	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		198.4	205.0	d			d	a			a			f	f
MIMAS MN	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																		198.4	205.0	d			d	a			a			f	f

Table 6: Military, Aviation and Radar

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes Five Estuaries offshore construction period)																Distance from the VE array area (km)	Distance from the VE 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	2033	2034	2035 - 2045	2046 - 2056	2057 - 2067													
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																		0.0	0.0	d		d	d	a			a		c	a
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																		4.2	0.0	d		d	d	a			a		c	a
X5118 Gunfleet	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		33.7	0.0	d		d	d	a			a		c	a
D138B SHOEBURYNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		50.5	11.7	d		d	d	a			a		c	a
D138A SHOEBURYNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		54.4	15.4	d		d	d	a			a		c	a
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																		73.9	15.7	d		d	d	a			a		c	f
D138 SHOEBURYNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		60.2	20.5	d		d	d	a			a		c	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																		75.3	25.7	d		d	d	a			a		c	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																		87.1	40.9	d		d	d	a			a		c	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																		99.9	74.2	d		d	d	a			a		f	f
D141 HYTHE RANGES	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 / BVLOS).	Active																		101.2	82.1	d		d	d	a			a		f	f
D044 LYDD RANGES	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																		119.8	97.9	d		d	d	a			a		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																		171.4	115.1	d		d	d	a			a		f	f
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																		151.1	126.0	d		d	d	a			a		f	f
D133A PIRBRIGHT	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																		193.0	139.6	d		d	d	a			a		f	f
D133 PIRBRIGHT	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active																		193.1	139.7	d		d	d	a			a		f	f
D132 ASH RANGES	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																		194.8	141.7	d		d	d	a			a		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																		197.1	153.4	d		d	d	a			a		f	f
D130 LONGMOOR	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																		212.7	162.0	d		d	d	a			a		f	f
D129 WESTON ON THE GR	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Parachute Dropping.	Active																		222.2	164.0	d		d	d	a			a		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																	167.0	172.9	d		d	d	a			a			f	f
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																	199.4	185.3	d		d	d	a			a			f	f
D037 PORTSMOUTH	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Anti-Aircraft, Air to Air, Aircraft, Air to Surface, Flares, Glow Worm, General, Guided Weapons, Smoke, Starshell, Submarine, Parachute Dropping, Target Towing, UAV, Torpedo, Air Combat, High Energy Manoeuvres and Pilotless Target Aircraft.	Active																	227.3	185.8	d		d	d	a			a			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																	242.9	185.9	d		d	d	a			a			f	f
D039 PORTSMOUTH	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Anti-Aircraft , Air to Air, Aircraft , Air to Surface, Flares, Glow Worm, General, Guided Weapons, Mine, Smoke, Starshell, Torpedo, Surface to Surface, Parachute Dropping, Target Towing, UAV, Air Combat, High Energy Manoeuvres.	Active																	228.0	189.7	d		d	d	a			a			f	f
D040 PORTSMOUTH	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Anti-Aircraft (ground to air), General Practice, HM Ships (non-firing exercises, practices and trials), Surface to Surface Firing, Live Firing, Parachute Dropping, Aerial Towed Target, Torpedo, UAV, Air Combat Manoeuvres and High Energy Manoeuvres.	Active																	228.1	189.8	d		d	d	a			a			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																	224.1	190.8	d		d	d	a			a			f	f

Table 7: Coastal

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes Five Estuaries offshore construction period)																Distance from the VE array area (km)	Distance from the VE 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	2033	2034	2035 - 2045	2046 - 2056	2057 - 2067														
MTF_INDUSTRIAL.19964	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		57.2	0.0	a		a	a	a			a			d	d
MTF_INDUSTRIAL.20152	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		56.0	0.0	a		a	a	a			a			d	d
MTF_INDUSTRIAL.20154	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		57.4	0.0	a		a	a	a			a			d	d
MTF_INDUSTRIAL.20155	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		55.4	0.9	a		a	a	a			a			d	f
MTF_INDUSTRIAL.20156	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		59.8	2.1	a		a	a	a			a			d	f
MTF_INDUSTRIAL.20157	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		53.6	3.3	a		a	a	a			a			d	f
MTF_INDUSTRIAL.20158	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		62.2	4.9	a		a	a	a			a			d	f
MTF_INDUSTRIAL.21073	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		62.4	5.2	a		a	a	a			a			d	f
MTF_INDUSTRIAL.21783	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		52.9	5.2	a		a	a	a			a			d	f
MTF_INDUSTRIAL.21784	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		52.7	5.5	a		a	a	a			a			d	f
MTF_INDUSTRIAL.21961	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		62.7	5.6	a		a	a	a			a			d	f
MTF_INDUSTRIAL.21962	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		63.9	6.9	a		a	a	a			a			d	f
MTF_INDUSTRIAL.21963	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		65.1	8.0	a		a	a	a			a			d	f
MTF_INDUSTRIAL.21964	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		65.5	8.4	a		a	a	a			a			d	f
MTF_INDUSTRIAL.21965	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		65.5	8.6	a		a	a	a			a			d	f
MTF_INDUSTRIAL.21966	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		49.7	9.3	a		a	a	a			a			d	f
MTF_INDUSTRIAL.21967	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		48.5	11.4	a		a	a	a			a			d	f
MTF_INDUSTRIAL.21968	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		54.2	12.0	a		a	a	a			a			d	f
MTF_INDUSTRIAL.21969	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		55.3	12.9	a		a	a	a			a			d	f
MTF_INDUSTRIAL.21972	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		55.1	12.9	a		a	a	a			a			d	f

MTF_INDUSTRIAL.21973	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		71.3	13.1	a		a	a	a			a			d	f
MTF_INDUSTRIAL.21974	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		71.6	13.4	a		a	a	a			a			d	f
MTF_INDUSTRIAL.22008	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		57.9	13.6	a		a	a	a			a			d	f
MTF_INDUSTRIAL.22009	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		71.9	13.7	a		a	a	a			a			d	f
MTF_INDUSTRIAL.22010	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		55.7	13.9	a		a	a	a			a			d	f
MTF_INDUSTRIAL.22011	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		55.8	14.0	a		a	a	a			a			d	f
MTF_INDUSTRIAL.22012	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		56.4	14.6	a		a	a	a			a			d	f
MTF_INDUSTRIAL.22013	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		56.7	14.8	a		a	a	a			a			d	f
MTF_INDUSTRIAL.22014	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		56.3	14.9	a		a	a	a			a			d	f
MTF_INDUSTRIAL.22015	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		66.7	17.1	a		a	a	a			a			d	f
MTF_INDUSTRIAL.22016	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		69.3	18.1	a		a	a	a			a			d	f
MTF_INDUSTRIAL.22017	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		40.5	20.2	a		a	a	a			a			d	f
MTF_INDUSTRIAL.22018	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		39.2	20.7	a		a	a	a			a			d	f
MTF_INDUSTRIAL.22019	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		39.1	20.9	a		a	a	a			a			d	f
MTF_INDUSTRIAL.22020	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		39.0	21.1	a		a	a	a			a			d	f
MTF_INDUSTRIAL.22021	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		38.9	21.1	a		a	a	a			a			d	f
MTF_INDUSTRIAL.22663	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		38.9	21.1	a		a	a	a			a			d	f
MTF_INDUSTRIAL.27689	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		37.4	27.4	a		a	a	a			a			d	f
MTF_INDUSTRIAL.27691	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		40.9	35.6	a		a	a	a			a			d	f
MTF_INDUSTRIAL.27912	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		41.0	35.7	a		a	a	a			a			d	f
MTF_INDUSTRIAL.27958	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		41.3	36.1	a		a	a	a			a			d	f
MTF_INDUSTRIAL.27964	Environment Agency	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Outfall pipe	Active																		59.2	66.2	a		a	a	a			a			f	f

Portland Bill	https://www.renewableuk.com/page/UKMED2; https://opendata-thecrownestate.opendata.arcgis.com/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Tidal Energy	Pre-planning application																	344.4	294.7	f		f	f				f			f	f
Sizewell C Nuclear Power Station	https://www.edfenergy.com/energy/nuclear-new-build-projects/sizewell-c	High - Third party project details published in the public domain	Nuclear Energy	Consented																	41.9	36.6										c		

Table 8: Carbon Capture Storage

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes Five Estuaries offshore construction period)																Distance from the VE array area (km)	Distance from the VE 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	2033	2034	2035 - 2045	2046 - 2056	2057 - 2067														
Endurance	https://opendata-thecrownestate.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																	235.4	238.1	f		f	f				f			f	f
NEP Exploration Drilling Licence	https://opendata-thecrownestate.opendata.arcgis.com/datasets/8cae2b24b1f6457c8311af3e794246d3	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Carbon Capture and Storage Lease Area	Area for Lease																	263.3	263.1	f		f	f				f			f	f

Table 9: Onshore Developments

Construction Period (red outline denotes Five Estuaries onshore construction period)

Project/Planning Application	Data Source(s)	Data Confidence Assessment	Notes	Date of Application and Status of Development	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035 - 2045	2046-2056	2057-2067	Approximate Distance from the VE RLB (km)	LVIA	Socioeconomics, Toursim and Recreation	Onshore biodiversity & nat cons	Ground conditions & Land use	Hydrology & flood risk	Onshore archaeology & cultural heritage	Traffic & transport	Noise & vibration	Air Quality	Human Health & Climate Change*
North Falls Offshore Wind Farm	PINS	High	Onshore cable route proposed adjacent to VE OWF	The application is expected to be submitted to the Planning Inspectorate Summer 2023. Scoping																						0.0	c	c	c	c	c	c	c	c	c	
National Grid Nautilus Interconnector	PINS	High	Proposed second Interconnector between Great Britain and Belgium.	Pre-app																						46.0	d	d	d	d	d	d	d	d	d	
East Anglia ONE North Offshore Windfarm	PINS	High	Suffolk landfall but potential resource / workforce / visual conflict	Approved																						35.0	d	d	d	d	d	c	d	d	d	
East Anglia TWO Offshore Windfarm	PINS	High	Suffolk landfall but potential resource / workforce / visual conflict	Approved, 31 March 2022																						35.0	d	d	d	d	d	c	d	d	d	
Sizewell C Nuclear Power Station	PINS	High	Nuclear power plant located within East Suffolk District Council.	Approved, 20 July 2022																						53.0	d	c	d	d	d	d	d	d	d	
Sea Link	PINS	High	Substation in Friston, East Sussex. Constructing a new offshore HVDC cable between Suffolk and Kent.	Pre-app. The application is expected to be submitted to the Planning Inspectorate Q1 2024. Scoping submitted.																						33.0	d	d	d	d	d	d	d	d	d	
Bramford to Twinstead	PINS	High	Construction of a new 400kV double circuit network reinforcement of c.27km, including new lattice towers, an element of undergrounding, and associated development	Pre-app. The application is expected to be submitted to the Planning Inspectorate Spring 2023																						8.8	d	d	d	d	d	d	d	d	d	
National Grid Electricity Transmission East Anglia Connection Node Substation	PINS	High	The East Anglia Green Energy Enablement facilitates the transfer of power from the East Anglia region to the rest of the Main Interconnected Transmission System (MITS) thereby enabling connection of offshore wind generation, nuclear power generation and interconnectors which are expected into East Anglia by 2035.	The application is expected to be submitted to the Planning Inspectorate Summer 2024. Scoping stage																						0.1	c	c	c	c	c	c	c	c	c	
22/00460/TELLIC Proposed installation of 5G Electronic Communications Apparatus	TDC	Medium	Notification under Electronic Communications Code Regulations. Installation of 5G electronic communications apparatus in Arlesford, Essex.	Permitted. 10 Mar 2022																						5.5	d	d	d	d	d	d	d	d	d	
21/02070/FUL Construction and operation of a 50MW Battery Energy Storage System	TDC	Medium	Related infrastructure with associated access, landscaping and drainage	Approval. 28 Sept 2022																						1.0	d	d	c	d	c	d	d	c	d	
21/00393/EIASCR proposed solar energy scheme.	TDC	Medium	Unspecified capacity. Located at Thorpe Le Soken. No documents available	EIA Screening Request. 09 Apr 2021																						1.0	d	d	c	d	c	d	d	d	d	
20/01580/NACON Proposed installation of 500 megawatts solar photovoltaic (PV) generating panels	TDC	Medium	The Scheme would allow for the generation, storage and export of up to 500 megawatts (MW) electrical generation capacity.	Application not required'. 18 Nov 2020																						2.1	d	d	d	d	d	d	d	d	d	
22/00979/DETAIL Reserved matters application for 280 homes, including offices, land for a new primary school, railway footbridge, attenuation basins, open space, play equipment and associated infrastructure	TDC	Medium	Pursuant to outline planning consent 19/00524/OUT	Awaiting decision. 24 Jun 2022																						1.0	d	d	c	d	d	d	d	d	d	
22/00556/FUL Change of use of land for the siting of 8 no. residential park homes	TDC	Medium	Planning application at Sacketts Grove Residential Park situated on Jaywick Lane, Clacton on Sea.	Awaiting decision																						7.0	d	d	d	d	d	d	d	d	d	
22/02117/FUL Proposped solar photovoltaic farm	TDC	Medium	Planning application at land south of Thorpe-le-Soken	Approved. 17 Feb 2023																						1.0	d	d	c	d	d	d	d	d	d	
21/01184/LUEX up to 250 (maximum) motorhomes/towed caravans	TDC	Medium	Lawful development certificate for the storage only (not for occupation)	Lawful Use Certificate Granted. 27 Aug 2021																						0.4	d	d	d	d	d	d	d	d	d	
21/00104/FUL 18 new build 2,3 and 4 bed homes will be provided within 1.23 hectares	TDC	Medium	Proposal to re-design the Eastern Parcel of a previously approved development, ref: 20/00748/FUL	Approved. 08 Jun 2021																						5.4	d	d	d	d	d	d	d	d	d	
18/00367/FUL Erection of 84 dwellings	TDC	Medium	with means of access, parking, garaging, associated landscaping and public open space provision	Approved. 16 Sep 2019																						8.2	d	d	d	d	d	d	d	d	d	
22/01047/FUL - Proposed erection of three buildings	TDC	Medium	Located southwest of Horley Cross, not in 5E RLB but is close to where two routes rejoin south of SSA3	Approved. 07 Jul 2022																						0.3	d	d	c	d	c	d	d	d	d	
21/01058/OHL Proposed removal of several spans of high voltage overhead electricity network	TDC	Medium	Place this underground, requiring the need for two new terminal stay wires	Deemed Consent. 29 Jul 2021																						0.3	d	d	d	d	c	d	d	d	d	
22/00471/OHL Proposed alterations to the low voltage overhead lines	TDC	Medium	Power lines	Deemed Consent. 08 Apr 2022																						0.5	d	d	d	d	d	d	d	d	d	
20/01773/OHL Modify the low voltage overhead electricity network	TDC	Medium	Power lines	Deemed Consent. 20 Jan 2021																						0.6	d	d	d	d	d	d	d	d	d	

21/02027/FUL Redevelopment for retirement living accommodation comprising 61 retirement apartments	TDC	Medium	including communal facilities, access, car parking and landscaping.	Appeal. 22 Mar 2022																						4.8	d	d	d	d	d	d	d	d	d	
20/01347/FUL Construction of 32 no. 2 bed and 14 no. 1 bed (Total 46 no.) apartments on site of former Cliff Hotel.	TDC	Medium	Final Disposal of File (Moribund)	Final Disposal of File (Moribund). 30 Aug 2022																						9.5	d	d	d	d	d	d	d	d	d	
20/01202/FUL Proposal to create 58 no. one, two and three bedroom houses and apartments,	TDC	Medium	Outcome still unkown. No documents available. Medical Centre plus associated infrastructure and public open space	Awaiting decision. 23 Sep 2020																						2.5	d	d	d	d	d	d	d	d	d	
20/00179/FUL Detailed planning application for residential development to provide 50 no. residential dwellings	TDC	Medium	associated car parking, cycle parking, public open space and pedestrian/cycle infrastructure, formation of pedestrian and cycle links	Approved. 18 January 2022																						1.5	d	d	d	d	d	d	d	c	d	
19/00188/FUL evelopment of retirement living apartments (36 units), detached farmstead houses (5 units) and a lodge or club house serving a number of timber holiday lodges (104 units)	TDC	Medium	ancillary activities such as glamping, toilet facilities and play areas which will be the main focus of the development	Approved. 11 Mar 2021																						9.0	d	d	d	d	d	d	d	d	d	
18/01244/FUL Proposed demolition of existing commercial building and replacement with 10 apartments with associated parking & landscaping.	TDC	Medium		Approved. 24 Apr 2019																						2.5	d	d	d	d	d	d	d	d	d	
17/02210/FUL Proposed conversion and extension of former Hotel to create 10 self-contained dwelling units	TDC	Medium	with associated alterations and ancillary works including provision of landscaping, parking, private amenity space, cycle and bin storage	Approved. 21 May 2018																						2.0	d	d	d	d	d	d	d	d	d	
17/01988/FUL Construction of 41 dwellings for use by residents over 55 years, including a mix of 1 and 2 bed apartments and 2 bed dwellinghouses	TDC	Medium	with associated car parking and landscaping.	Approved. 11 Jun 2019																						2.0	d	d	d	d	d	d	d	d	d	
17/01338/FUL 20 apartments and a bar/restaurant together with a 61 bed hotel to rear with ancillary parking.	TDC	Medium	Demolition of Cliff Hotel, function hall and ancillary outbuildings. Provision of a new 'Art Deco' style apartment block consisting of basement parking,	Approved. 13 Nov 2019																						2.0	d	d	d	d	d	d	d	d	d	
20/01130/FUL Erection of 122no. residential units	TDC	Medium	Includes roads and public open space. No decision notice	Awaiting Decision. 19 Aug 2020																						2.5	d	d	d	d	d	d	d	d	d	
20/00020/REFUSE (18/02109/OUT) Demolition of existing redundant factory and outline application with all matters reserved with the exception of access for up to 42 residential units	TDC	Medium	Initially refused but appeal allowed	Appeal allowed. 05 May 2021																						2.0	d	d	d	d	d	d	d	d	d	
213363 Residential-led development comprising 100 dwellings	CBC	Medium	with new access and crossing points on A134 and Ivy Lodge Road, allotments and associated ancillary building and parking, Scout and Girl Guiding building and associated external areas and par	Application Valid. 17/12/2021																						0.8	d	d	d	d	d	d	d	d	d	
212646 Outline planning application for 30 dwellings and 1ha of public open space	CBC	Medium	Some matters reserved.	Application Valid. 24/9/2021																						17.0	d	d	d	d	d	d	d	d	d	
210648 the construction of 201 dwellings	CBC	Medium	Application for approval of reserved matters following outline approval 121272	Approve Conditional. 10/3/2021																						7.5	d	d	d	d	d	d	d	d	d	
202829 development of 66 dwellings with associated parking, landscaping, open space, drainage and infrastructure	CBC	Medium	Revised Application - extended	Extension. 17/12/2020																						7.5	d	d	d	d	d	d	d	d	d	
201882 Demolition of existing car showroom buildings and construction of a sheltered housing facility, comprising 44 apartments	CBC	Medium	Further building comprising 10 more apartments	Approve Conditional 2/9/2020																						6.5	d	d	d	d	d	d	d	d	d	
202025 Development of 153 dwellings with associated parking	CBC	Medium	andscaping, open space, drainage and infrastructure and formation of new access and alterations to existing access	Approve Conditional. 14/9/2020																						12.0	d	d	d	d	d	d	d	d	d	
200968 Redevelopment and provisioin of 37 dwellings	CBC	Medium	8 apartments and 29 homes	Extended. 14/5/2020																						7.5	d	d	d	d	d	d	d	d	d	
200351 Outline planning application for 100 dwellings	CBC	Medium	land for community uses, public open space and landscaping; and access	Approve Conditional. 14/2/2020																						7.0	d	d	d	d	d	d	d	d	d	
192219 11 dwellings and erect 11 dwellings (22 dwellings in total)	CBC	Medium	Demolish part of existing buildings, erect garagecourt, cart lodges and media lounge, layout parking and landscaping.	Approve Conditional. 29/8/2019																						4.5	d	d	d	d	d	d	d	d	d	
192136 Demolition of 1 dwelling (No. 43 Seaview Avenue) and erection of up to101 dwellings	CBC	Medium	up to 0.5ha of D1/B1 commercial use with associated parking, public open space, landscaping, sustainable urban drainage system (SUDs), vehicular access	Approve Conditional. 16/8/2019							EXPECTED START															3.0	d	d	d	d	d	d	d	d	d	
191830 Erection of 46 dwellings	CBC	Medium	public open space and associated infrastructure.	Approve Conditional. 12/7/2019																						2.5	d	d	d	d	d	d	d	d	d	
191414 Erection of 49 dwellings	CBC	Medium	associated parking and landscaping	Approve Conditional. 29/5/2019																						2.0	d	d	d	d	d	d	d	d	d	
191093 Residential Development of 32 dwellings	CBC	Medium	detached and semi-detached dwellings and flats complete with garages,access and open space	Approve Conditional. 24/4/2019							EXPECTED START															3.0	d	d	d	d	d	d	d	d	d	
190753 erection of 19 dwellings	CBC	Medium	including 1 affordable unit & 1 Flat over garage	Approve Conditional. 19/3/2019																						4.5	d	d	d	d	d	d	d	d	d	

190647 Demolition of existing buildings on the site and redevelopment to provide 130 residential dwellings	CBC	Medium	with access, link road to allow for potential future connections, associated parking, private amenity space and public open space.	Appeal Upheld. 7/3/2019	EXPECTED START	10.0	d	d	d	d	d	d	d	d	d	
170997 Outline planning application for 36 residential dwellings	CBC	Medium	including details of access, dwellings, public open space, landscaping, new access and highways	Approve Conditional. 13/4/2017		5.5	d	d	d	d	d	d	d	d	d	
220192 Erection of 113 dwellings	CBC	Medium	Application for approval of reserved matters following outline approval 121272.	Approve Conditional. 24/1/2022		5.5	d	d	d	d	d	d	d	d	d	
200079 a renewable energy centre and heat distribution network.	CBC	Medium	Detailed consent for a first phase of infrastructure to include the creation of a pedestrian 'Walk'(previously known as the Boulevard) andassociated landscaping and a renewable energy centre and heat distribution network.	Approve Conditional. 14/1/2020		3.0	d	d	d	d	d	d	d	d	d	
CC/COL/77/22 Installation of new heating plant (air source heat pumps) and relocation of bin storage area.	ECC	Medium	Full Planning Application CC	Validated. 12/08/2022		45.0	d	d	d	d	d	d	d	d	d	
CC/HLW/78/22 Installation of new heating plant (air source heat pumps).	ECC	Medium	Full Planning Application CC	Validated. 11/08/2022		62.0	d	d	d	d	d	d	d	d	d	
ESS/66/22/UTT Importation of soils to allow for the re-capping and reprofiling of restored landfill; and installation of a ground-mounted solar array.	ECC	Medium	Ugley Landfill Site	Validated. 14/07/2022		55.0	d	d	d	d	d	d	d	d	d	
ESS/49/22/UTT Excavation of minerals	ECC	Medium	use of land for skip hire, waste recycling, waste transfer and green waste composting; restoration of land with the deposit of inert waste; and other associated development (consolidated decision of planning application refs: ESS/09/16/UTT, ESS/83/19/UTT, ESS/67/21/UTT, ESS/68/21/UTT and	Validated, pending legal agreements. 25/03/2022		52.0	d	d	d	d	d	d	d	d	d	
ESS/42/22/TEN Installation of a landfill gas fuelled electricity generating station	ECC	Medium	comprising containerised spark ignition gas engines and ancillaries in a fenced compound	Validated. 09/05/2022		54.0	d	d	d	d	d	d	d	d	d	
ESS/32/21/COL Removal and export of up to 60,000 cubic metres of London clay for use in site engineering	ECC	Medium	Bellhouse landfill.	Granted. 17/05/2021		12.5	d	d	d	d	d	d	d	d	d	
ESS/77/20/CHL Sand and gravel quarry and associated works/development	ECC	Medium	together with the importation of inert material to facilitate site restoration	Granted. 11/06/2020		48.5	d	d	d	d	d	d	d	d	d	
ESS/12/20/BTE Extraction of 6.5 million tonnes of sand and gravel	ECC	Medium	including the retention of the existing access onto the A120, the processing plant, office and weighbridge, ready mix concrete plant, bagging unit, DSM plant, water and silt management systems	Granted. 31/01/2020		50.0	d	d	d	d	d	d	d	d	d	
ESS/42/18/UTT Importation of inert material, installation and use of recycling plant to produce secondary aggregate and the final disposal of inert residues to facilitate restoration of the site to calcareous grassland	ECC	Medium	together with the continued extraction of chalk reserve. Newport Chalk Quarry	Granted. 14/12/2018		9.5	d	d	d	d	d	d	d	d	d	
ESS/17/18/TEN Extraction of 3.8 million tonnes of sand and gravel as an easterly extension to the existing Wivenhoe Quarry, erection of sand and gravel processing plant and ancillary facilities	ECC	Medium	restoration to agriculture and low-level water-based nature conservation habitats, lowland meadow, woodland planting and hedgerow enhancement using approximately 1.2 million cubic metres of imported inert waste material.	Granted. 14/06/2018		8.5	d	d	C	d	d	d	d	d	d	
ESS/03/18/BTE Extraction of 2 million tonnes of sand and gravel	ECC	Medium	with restoration to agriculture and biodiversity. Bradwell Quarry	Granted. 30/01/2018		12.0	d	d	d	d	d	d	d	d	d	
ESS/01/18/CHL The construction of an agricultural reservoir involving the extraction, processing and exportation of sand and gravel and soils	ECC	Medium	Together with the construction of an associated irrigation pipeline from the proposed abstraction point. Land at Sheepcotes Farm	Granted. 19/01/2018		38.5	d	d	d	d	d	d	d	d	d	
CC/CHL/85/21 A single carriageway road between Roundabout 4 of the Beaulieu Park Radial Distributor Road (RDR1) and a new roundabout on the A131 at Chatham Green plus dualling of the existing A131 between Chatham Green and Deres	ECC	Medium	With one intermediate roundabout, 3 road overbridges and 1 pedestrian/cycle/horse overbridge. Together with other associated works and landscaping.	Granted. 04/04/2022		43.0	d	d	d	d	d	d	d	d	d	
CC/TEN/31/21 New link road between the existing A120 and A133 inclusive of a grade separated dumbbell junction at the A120	ECC	Medium	with new accesses to an existing petrol station (Ardleigh South Services) and Colchester Waste Transfer Station; a new roundabout at the junction with the A133; and two intermediate roundabouts along the link road. Together with other associated works and landscaping	Granted. 23/03/2021		5.5	d	d	C	d	d	d	d	d	d	
ESS/30/22/COL Retrospective planning permission for a composting facility to process 25,000 tpa of green waste	ECC	Medium	to include the provision of weighbridge, 0.4ha of hardstanding for windrows and associated landscaping	Validated. 28/03/2022		12.5	d	d	d	d	d	d	d	d	d	
DC/21/5515/FUL Erection of 21 MW Solar PV Development	ESC	Medium	with associated equipment and ecological improvement works	Awaiting Decision. 08 Dec 2021		20.0	d	d	d	d	d	d	d	d	d	
DC/21/3327/EIA Solar farm, comprising an array of ground-mounted solar panels and ancillary infrastructure	ESC	Medium	up to 28.1MW capacity (no red line plan for location reference)	Permitted. 01 Mar 2021		19.5	d	d	d	d	d	d	d	d	d	
DC/21/1001/FUL construction and operation of a solar farm together with all associated works	ESC	Medium	It is estimated that the solar panels would generate up to 49.9 megawatts	Permitted. 01 Mar 2021		50.0	d	d	d	d	d	d	d	d	d	
DC/20/3376/FUL Erection of a flexible power generation facility and battery storage facility with associated ancillary infrastructure	ESC	Medium	Conrad Energy installs reciprocating gas engine plants generally up to a maximum of 25MW dependent on available grid capacity generating at 11 kV.	Permitted. 02 Sep 2020		45.0	d	d	d	d	d	d	d	d	d	
DC/22/2987/FUL Proposed development of the existing commercial buildings on site and the erection of 9no dwellings and 14 commercial units	ESC	Medium	on land of the former forge site	Awaiting decision. 26 Jul 2022		35.0	d	d	d	d	d	d	d	d	d	
DC/22/1100/FUL Proposed New Build Residential development consisting of 9no. Dwellings	ESC	Medium	with associated access, parking and open space	Awaiting decision. 21 Mar 2022		30.0	d	d	d	d	d	d	d	d	d	

DC/22/0998/FUL Residential development of 32 dwellings	ESC	Medium	together with areas of new public open space and the provision of a new access to the site	Awaiting decision. 11 Mar 2022																						35.0	d	d	d	d	d	d	d	d	d	
DC/22/0991/FUL Erection of 50 dwellings	ESC	Medium	with associated landscaping, open space, access, drainage and parking	Awaiting Decision. 10 Mar 2022																						33.0	d	d	d	d	d	d	d	d	d	
DC/22/0822/FUL Residential development of 23 dwellings	ESC	Medium	with village green type facility and associated infrastructure	Awaiting decision. 01 Mar 2022																						40.0	d	d	d	d	d	d	d	d	d	
DC/21/5290/FUL Construction of 13 dwellings and associated works	ESC	Medium	Fire Station Station Road Southwold	Awaiting decision. 23 Nov 2021																						22.5	d	d	d	d	d	d	d	d	d	
DC/21/4154/FUL Construction of 19 dwellings	ESC	Medium	new community centre with associated parking and two new access roads	Permitted. 03 Sep 2021																						30.0	d	d	d	d	d	d	d	d	d	
DC/21/4111/FUL Residential Development for 20 no. Dwellings	ESC	Medium	Street Farm The Street Witnesham	Awaiting decision. DC/21/4111/FUL																						36.5	d	d	d	d	d	d	d	d	d	
DC/21/2679/FUL Development of 65 dwellings, both one and two storey	ESC	Medium	including landscaped open space, recreation space and equipped play area for public use, highways and other infrastructure	Permitted. 02 Jun 2021																						25.0	d	d	d	d	d	d	d	d	d	
DC/21/2319/FUL Mixed Residential development of 18 Dwellings Including 6 x No. Affordable Homes	ESC	Medium	with Associated Garages and Parking	Permitted. 11 May 2021																						45.5	d	d	d	d	d	d	d	d	d	
DC/21/1166/FUL Construction of 10no. Dwellings	ESC	Medium	with associated access, infrastructure, garden sheds and landscaping, and demolition of garages	Awaiting decision. 10 Mar 2021																						30.5	d	d	d	d	d	d	d	d	d	
DC/21/0757/FUL Construction of 16no. new dwellings including 5no. affordable homes	ESC	Medium	with new shared vehicular access, driveways, cartlodges and garages.	Awaiting decision. 16 Feb 2021																						28.5	d	d	d	d	d	d	d	d	d	
DC/21/0671/FUL (i) full planning application - residential development of 150 dwellings and (ii) outline planning application for a phased development - six serviced self-build plots	ESC	Medium	Hybrid planning application is a partial re-design of existing planning permission DC/18/4312/FUL.	Permitted. 11 Feb 2021																						20.5	d	d	d	d	d	d	d	d	d	
DC/20/5278/FUL A phased development of 75 dwellings	ESC	Medium	car parking, public open space, hard and soft landscaping, and associated infrastructure and access.	Permitted. 29 Dec 2020																						36.0	d	d	d	d	d	d	d	d	d	
DC/20/3362/FUL Full Planning Application for the erection of 70 dwellings	ESC	Medium	Appealed. including affordable dwellings, together with public open space, roads, accesses, parking, garages, drainage and associated infrastructure	Appeal Allowed with Conditions. 01 Sep 2020																						25.0	d	d	d	d	d	d	d	d	d	
DC/20/3264/FUL (i) Full Planning Application - Residential development of 129 dwellings and (ii) Outline Planning Application - 7 No. serviced Self Build Plots	ESC	Medium	Looks related to DC/21/0757/FUL. A phased development comprising Hybrid Planning Application.	Permitted. 03 Jun 2021																						36.0	d	d	d	d	d	d	d	d	d	
DC/20/3070/FUL Construction of 15 New Dwellings	ESC	Medium	Land To Rear Of Pine Tree Close Holton	Permitted. 21 Dec 2021																						61.0	d	d	d	d	d	d	d	d	d	
DC/20/2106/FUL Construct 17 new (C3) Dwellings	ESC	Medium	New dwellings together with New Access Road and Associated Parking off Teal Close.	Awaiting decision. 09 Jun 2020																						65.0	d	d	d	d	d	d	d	d	d	

FIVE ESTUARIES
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