



# Morven North Offshore Wind Array Project

Environmental Impact Assessment Report

**Volume 3, Annex 6.1: Cumulative Effects  
Screening**

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## Table of contents

<b>1</b>	<b>Introduction .....</b>	<b>1</b>
<b>2</b>	<b>Methodology .....</b>	<b>2</b>
2.2	Stage 1: Collation of the Cumulative Effects Assessment long list .....	2
2.2.1	Overview .....	2
2.2.2	Cumulative Study Areas .....	3
2.2.3	Data sources .....	8
2.3	Stage 2: Refining the Cumulative Effects Assessment long list.....	8
2.4	Stage 3: Screening.....	8
2.4.1	Overview .....	8
2.4.2	Data confidence assessment.....	9
2.4.3	Conceptual overlap .....	9
2.4.4	Physical overlap .....	10
2.4.5	Temporal overlap .....	10
2.5	Tiered approach .....	10
<b>3</b>	<b>References.....</b>	<b>12</b>
A.1	Cumulative effects matrix – Aquaculture temporal .....	13
A.2	Cumulative effects matrix – Aquaculture spatial and screening .....	16
A.3	Cumulative effects matrix – Cables and pipelines temporal.....	18
A.4	Cumulative effects matrix – Cables and pipelines spatial and screening.....	24
A.5	Cumulative effects matrix – Shipping and ports temporal .....	27
A.6	Cumulative effects matrix – Shipping and ports spatial and screening .....	37
A.7	Cumulative effects matrix – Military and aviation temporal.....	45
A.8	Cumulative effects matrix – Military and aviation spatial and screening.....	50
B.1	Cumulative effects matrix – Energy temporal .....	53
B.2	Cumulative effects matrix – Energy spatial and screening .....	108
C.1	Cumulative effects matrix – Marine aggregate and disposal temporal .....	148
C.2	Cumulative effects matrix – Marine aggregate and disposal spatial and screening ....	154
C.4	Cumulative effects matrix – Oil and gas spatial and screening .....	173
C.5	Cumulative effects matrix – Coastal temporal.....	184
C.6	Cumulative effects matrix – Coastal spatial and screening .....	188

**List of tables**

Table 2.1: Morven North and Morven South Cumulative Study Area for each Environmental Impact Assessment topic..... 4

Table 2.2: Topic Cumulative Effects Assessment screening criteria. .... 9

Table 2.3: Overview of tiered approach for Cumulative Effects Assessment ..... 11

**List of Figures**

Apx Figure 1: Aquaculture projects, plans and activities within 200km of Morven North and Morven South . 15

Apx Figure 2: Cables and pipeline projects, plans and activities within 200km of Morven North and Morven South ..... 23

Apx Figure 3: Shipping ports projects, plans and activities within 200km of Morven North and Morven South ..... 36

Apx Figure 4: Military, aviation projects, plans and activities within 200km of Morven North and Morven South ..... 49

Apx Figure 5: Energy projects, plans and activities within 1400km of Morven North and Morven South ..... 107

Apx Figure 6: Marine aggregate and disposal projects, plans and activities within 200km of Morven North and Morven South ..... 153

Apx Figure 7: Oil and Gas projects, plans and activities within 200km of Morven North and Morven South. 172

Apx Figure 8: Coastal projects, plans and activities within 100km of Morven North and Morven South ..... 187

# 1 Introduction

- 1.1.1.1 Under the Environmental Impact Assessment (EIA) Regulations (as defined in Volume 1, Chapter 2: Policy and Legislation) it is a legal requirement to complete a Cumulative Effects Assessment (CEA), which forms part of the EIA. The National Marine Plan 2 provides guidance which emphasises the need to consider cumulative effects of past, present and emerging human activities in the marine environment by using a systematic process to evaluate environmental impacts (Scottish Government, 2023).
- 1.1.1.2 The EIA assesses the Likely Significant Effects (LSE<sup>1</sup>) (as defined by the EIA Regulations) that may arise from the Morven North Offshore Wind Array Project (hereafter “Morven North”) alone or the Morven South Offshore Wind Array Project (hereafter “Morven South”) alone. The EIA also includes a CEA, which assesses the likely significant cumulative effects that may arise from Morven North or Morven South together with other projects, plans and activities on the same receptor or resource.
- 1.1.1.3 When undertaking a CEA, a fundamental requirement is to identify any expected projects, plans and activities with which Morven North or Morven South may interact and give rise to cumulative effects. All phases of development (construction, operation and maintenance (O&M), and decommissioning) of Morven North and Morven South are considered when assessing likely significant cumulative effects.
- 1.1.1.4 This shared cumulative effects screening annex sets out the long list of relevant projects, plans and activities with which Morven North and Morven South may interact to produce a cumulative effect. The screening matrix presented within this annex identifies projects, plans and activities with a spatial or temporal overlap with Morven North and Morven South. Projects, plans and activities have been screened for Morven North and Morven South in turn, accounting for their specific locations.
- 1.1.1.5 The screening matrix underpins the CEAs for both Morven North and Morven South, as presented in Volume 2, Chapter 7 to 20 of the Morven North EIA Report and the Morven South EIA Report, where screening has been undertaken for each topic to identify projects, plans and activities where there is potential for a cumulative effect on the identified topic receptors. The Morven Hawthorn Pit Grid Connection Project (hereafter “MHPGC Project”) and the Morven Branxton Area Connection Project (hereafter “MBAGC Project”) have been considered in the Morven North and Morven South CEA as distinct components and have been included as separate projects within the CEA long list.
- 1.1.1.6 It is recognised that the projects, plans and activities identified within the screening matrix are continually evolving along their individual programmes. Quantitative assessment of cumulative effects has considered the information on other relevant plans, projects and activities which were publicly available six months prior to Morven North and Morven South application submission. Qualitative assessment of cumulative effects has considered information which was publicly available three months prior to Morven North and Morven South application submission (as agreed through consultation with MD-LOT, with confirmation received by email on 21 July 2025).
- 1.1.1.7 This revision of the Morven Cumulative Screening Annex is based upon the CEA long list compiled in February 2026 for the qualitative assessment of cumulative effects.

## 2 Methodology

2.1.1.1 Information was gathered on projects, plans and activities according to a three-stage approach:

- Stage 1: a CEA long list of relevant projects, plans and activities located within the largest Cumulative Study Area identified was produced (see Section 2.2);
- Stage 2: the CEA long list was supplemented with information about the component plans, projects and activities to facilitate the screening process (see Section 2.3);
- Stage 3: topic screening for Morven North and Morven South was undertaken (see Section 2.4).

## 2.2 Stage 1: Collation of the Cumulative Effects Assessment long list

### 2.2.1 Overview

2.2.1.1 To ensure a thorough and comprehensive approach to identification of potential plans, projects and activities considered in the CEA, an initial long list of projects within the defined Cumulative Study Areas was collated.

2.2.1.2 Projects, plans and activities within the largest Cumulative Study Area were considered for inclusion in the CEA long list when those projects, plans and activities:

- form part of the Morven Programme (i.e. Morven South, MHPGC Project, and MBAGC Project);
- have become operational since baseline data was collected<sup>1</sup>;
- are under construction;
- have consent;
- are the subject of an application for consent that has been submitted but not yet determined;
- have a scoping report submitted, at Preliminary Environmental Information Report (PEIR) stage (in the case of English and Welsh projects), or both;
- are plans and projects which are “reasonably foreseeable” (i.e. developments that are being planned such as in the case of offshore renewable energy developments, projects which have a Crown Estate Scotland (CES) Lease Option Agreement) and for which sufficient information is available in the public domain to enable a meaningful assessment;
- Existing developments for specific topics where there is a large conceptual, temporal and spatial overlap between project impacts<sup>1</sup>.

2.2.1.3 The CEA long list was compiled based on the following key assumptions:

- the construction phase of Morven North and/or Morven South was assumed to commence in 2033;
- all licence applications that were in consultation prior to 2021, but where no further development of the application has since taken place were not included in the CEA long list;
- For England and Scotland, any licence or lease that expires before 2029 was not considered, on the basis that 2029 represents a precautionary cutoff date corresponding to the latest point at which no temporal overlap is anticipated prior to the commencement of Morven North and Morven South construction activities in 2033, As such, licences or leases expiring before this

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<sup>1</sup> Note that existing developments are included in the CEA long list but are generally screened out of the cumulative assessments, aside from the following exceptions:

- i. Existing developments which were not present at the time of baseline characterisation, where a potential cumulative impact-receptor pathway has been identified.
- ii. Existing developments are screened into tier 1 assessments for specific topics where there is a large conceptual, temporal and spatial overlap between project impacts. In these instances, the potential for ongoing effects through cumulative impact-receptor pathways throughout project lifetime, across the development phases, means that they are considered within quantitative assessment for these topic CEAs (e.g., offshore ornithology assessments consider the cumulative effects of operational offshore wind farms).

date are not expected to have any potential to result in cumulative effects together with Morven North or Morven South.

- 2.2.1.4 Types of projects, plans and activities which have been considered include aquaculture, cables and pipelines, shipping ports, military and aviation, energy, marine aggregates, oil and gas and coastal projects. Due to the location of Morven North and Morven South, the projects, plans and activities that were included within the CEA long list were primarily marine projects, with the exception of coastal projects up to 100m landward of mean high water, which were included in the CEA long list where appropriate.
- 2.2.1.5 The Morven Programme comprises four distinct components: Morven North, Morven South, the MHPGC Project and the MBAGC Project. The Morven North and Morven South CEAs have considered each component of the Morven Programme, and each distinct component has been included as a separate project within the CEA long list.

## **2.2.2 Cumulative Study Areas**

- 2.2.2.1 A Cumulative Study Area was defined for each of the Morven North and Morven South EIA Report topics, which considers the spatial scales of potential impact pathways and the mobility of the relevant environmental receptors for each topic. The Cumulative Study Area for each topic considered in the Morven North and Morven South EIA Reports is presented in and is further detailed in each topic chapter within the EIA Reports (Volume 2, Chapters 7 to 20, of the Morven North EIA Report and the Morven South EIA Report).
- 2.2.2.2 Collation of the CEA long list involved the identification of projects, plans and activities within the Cumulative Study Areas outlined in Table 2.1, the largest of which was the Offshore Ornithology Cumulative Study Area, extending 1400km from the Morven North and Morven South Boundaries.

**Table 2.1: Morven North and Morven South Cumulative Study Area for each Environmental Impact Assessment topic**

Topic	Morven North Cumulative Study Area	Morven South Cumulative Study Area
Physical processes	The Morven North Physical Processes Cumulative Study Area was defined as two spring tidal excursions, which equates to up to 28km from the Morven North Boundary.	The Morven South Physical Processes Cumulative Study Area was defined as two spring tidal excursions, which equates to up to 28km from the Morven South Boundary.
Benthic subtidal ecology	<p>Two Morven North Benthic Subtidal Ecology Cumulative Study Areas were identified:</p> <ul style="list-style-type: none"> <li>For interactive/synergistic impacts (i.e. increases in suspended sediment concentration and changes in physical processes), the Benthic Subtidal Ecology Cumulative Study Area was defined as the Morven North Physical Processes Cumulative Study Area, which extends to up to 28km from the Morven North Boundary.</li> <li>For all other impacts, the Morven North Benthic Subtidal Ecology Cumulative Study Area has been defined as between 33km and 191km from the Morven North Boundary, which encompasses the northern North Sea as well as neighbouring consented, developing and planned offshore wind farms and designated sites. This area has been defined within the Scoping Report for the Morven Option Lease Agreement Site (hereafter ‘the Morven Site Scoping Report’) based on feedback from MD-LOT, NatureScot and other Statutory Nature Conservation Bodies (SNCBs).</li> </ul>	<p>Two Morven South Benthic Subtidal Ecology Cumulative Study Areas were identified:</p> <ul style="list-style-type: none"> <li>For interactive/synergistic impacts (i.e. increases in suspended sediment concentration and changes in physical processes), the Benthic Subtidal Ecology Cumulative Study Area was defined as the Morven South Physical Processes Cumulative Study Area, which extends to up to 28km from the Morven South Boundary.</li> <li>For all other impacts, the Morven South Benthic Subtidal Ecology Cumulative Study Area has been defined as between 50km and 191km from the Morven South Boundary, which encompasses the northern North Sea as well as neighbouring consented, developing and planned offshore wind farms and designated sites. This area has been defined within the Morven Site Scoping Report based on feedback from MD-LOT, NatureScot and other SNCBs.</li> </ul>
Fish and shellfish ecology	<p>Three Morven North Fish and Shellfish Ecology Cumulative Study Areas were identified:</p> <ul style="list-style-type: none"> <li>For impacts associated with underwater sound (such as piling), as the Morven North Fish and Shellfish Ecology Cumulative Study Areas was defined as a 100km buffer around the Morven North Boundary.</li> <li>For the impact of “increased SSCs and associated deposition” the Morven North Fish and Shellfish Ecology Cumulative Study Area was defined as the Morven North Physical Processes Cumulative Study Area.</li> </ul>	<p>Three Morven South Fish and Shellfish Ecology Cumulative Study Areas were identified:</p> <ul style="list-style-type: none"> <li>For impacts associated with underwater sound (such as piling), as the Morven South Fish and Shellfish Ecology Cumulative Study Areas was defined as a 100km buffer around the Morven South Boundary.</li> <li>For the impact of “increased SSCs and associated deposition” the Morven South Fish and Shellfish Ecology Cumulative Study Area was defined as the Morven South Physical Processes Cumulative Study Area.</li> </ul>

Topic	Morven North Cumulative Study Area	Morven South Cumulative Study Area
	<ul style="list-style-type: none"> <li>For all other impacts, the Morven North Fish and Shellfish Ecology Cumulative Study Area, as agreed at Scoping, was defined as a 50km buffer around the Morven North Boundary.</li> </ul>	<ul style="list-style-type: none"> <li>For all other impacts, the Morven South Fish and Shellfish Ecology Cumulative Study Area, as agreed at Scoping, was defined as a 50km buffer around the Morven South Boundary.</li> </ul>
Marine mammals	<p>Two Morven North Marine Mammal Cumulative Study Areas were identified:</p> <ul style="list-style-type: none"> <li>For underwater sound piling impacts, the Morven North Marine Mammal Cumulative Study Area aligns directly with the Morven North and Morven South Regional Marine Mammal Study Area, as presented in Volume 2, Chapter 10: Marine Mammals. The northern boundary coincides with the northern limit of the North Sea, and the southern boundary is located approximately 250km south of the Morven South Boundary, extending east from Flamborough Head (Yorkshire) to the German North Sea coast. The eastern extent reaches the Norwegian and Swedish coasts and is delineated by the southern limit of the Skaggeak.</li> <li>For all other impacts, which are considered to be more localised compared to piling, the Morven North Cumulative Study Area was defined as a 50km buffer around the Morven North Boundary.</li> </ul>	<p>Two Morven South Marine Mammal Cumulative Study Areas were identified:</p> <ul style="list-style-type: none"> <li>For underwater sound piling impacts, the Morven South Marine Mammal Cumulative Study Area aligns directly with the Morven North and Morven South Regional Marine Mammal Study Area, as presented in Volume 2, Chapter 10: Marine Mammals. The northern boundary coincides with the northern limit of the North Sea, and the southern boundary is located approximately 250km south of the Morven South Boundary, extending east from Flamborough Head (Yorkshire) to the German North Sea coast. The eastern extent reaches the Norwegian and Swedish coasts and is delineated by the southern limit of the Skaggeak.</li> <li>For all other impacts which are considered to be more localised compared to piling, the Morven South Cumulative Study Area was defined as a 50km buffer around the Morven South Boundary.</li> </ul>
Offshore ornithology	<p>The Morven North Offshore Ornithology Cumulative Study Area was defined as the area corresponding with the largest Biologically Defined Minimum Population Scales (BDMPS) area for those offshore ornithological receptors identified as Valued Ornithological Receptors in Volume 3, Annex 11.1: Offshore Ornithology Baseline Characterisation Report, as defined in Furness (2015). This was identified as 1,400km (straight line distance) from the nearest Morven North Boundary and Morven South Boundary.</p> <p>The Morven North Offshore Ornithology Cumulative Study Area therefore includes the North Sea, incorporating everything east of Thurso, Scotland and the English Channel west to Falmouth, Cornwall.</p>	<p>The Morven South Offshore Ornithology Cumulative Study Area was defined as the area corresponding with the largest BDMPS area for those offshore ornithological receptors identified as Valued Ornithological Receptors in Volume 3, Annex 11.1: Offshore Ornithology Baseline Characterisation Report, as defined in Furness (2015). This was identified as 1,400km (straight line distance) from the nearest Morven North Boundary and Morven South Boundary.</p> <p>The Morven South Offshore Ornithology Cumulative Study Area therefore includes the North Sea, incorporating everything east of Thurso, Scotland and the English Channel west to Falmouth, Cornwall.</p>

Topic	Morven North Cumulative Study Area	Morven South Cumulative Study Area
Marine archaeology	The Morven North Marine Archaeology Cumulative Study Area is equivalent to the combined extent of the Morven North Marine Archaeology Study Area and Morven South Marine Archaeology Study Area. This is defined as the Morven North Boundary and Morven South Boundary plus a buffer extending 2km.	The Morven South Marine Archaeology Cumulative Study Area is equivalent to the combined extent of the Morven North Marine Archaeology Study Area and Morven South Marine Archaeology Study Area. This is defined as the Morven North Boundary and Morven South Boundary plus a buffer extending 2km.
Commercial fisheries	The Morven North Cumulative Commercial Fisheries Study Area has been defined as the North Sea (inclusive of the North, Central and South North Sea, which is considered to be representative of the fishing grounds exploited by the fleets active across the Morven North Local and Regional Commercial Fisheries Study Areas, for all fleets except scallop dredging. For scallop dredging the Cumulative Study Area is defined at a UK level.	The Morven South Cumulative Commercial Fisheries Study Area has been defined as the North Sea (inclusive of the North, Central and South North Sea, which is considered to be representative of the fishing grounds exploited by the fleets active across the Morven South Local and Regional Commercial Fisheries Study Areas, for all fleets except scallop dredging. For scallop dredging the Cumulative Study Area is defined at a UK level.
Aviation (military and civil)	<p>Two Morven North Aviation (Military and Civil) Cumulative Study Areas were identified:</p> <ul style="list-style-type: none"> <li>• For the consideration of cumulative effects from the creation of multiple obstacles, the Morven North Aviation (Military and Civil) Cumulative Study Area was defined as the area within 40km of the Morven North Boundary.</li> <li>• For the consideration of potential aviation radar impacts, the Morven North Aviation (Military and Civil) Cumulative Study Area was defined as the area within 100km radius of the Morven North Boundary.</li> </ul>	<p>Two Morven South Aviation (Military and Civil) Cumulative Study Areas were identified:</p> <ul style="list-style-type: none"> <li>• For the consideration of cumulative effects from the creation of multiple obstacles, the Morven South Aviation (Military and Civil) Cumulative Study Area was defined as the area within 40km of the Morven South Boundary.</li> <li>• For the consideration of potential aviation radar impacts, the Morven South Aviation (Military and Civil) Cumulative Study Area was defined as the area within 100km of the Morven South Boundary.</li> </ul>
Shipping and navigation	The Morven North Shipping and Navigation Cumulative Study Area was defined as a 50 nautical mile (nm) buffer of the Morven North Boundary and Morven South Boundary, on the basis that there is not considered to be a direct pathway between Morven North, Morven South and any other projects, plans or activities beyond this.	The Morven South Shipping and Navigation cumulative study area was defined as a 50nm buffer of the Morven North Boundary and Morven South Boundary on the basis that there is not considered to be a direct pathway between Morven North, Morven South and any other projects, plans or activities beyond this.
Human health	The approach to human health cumulative effects assessment does not require a spatial Cumulative Study Area extent to be determined, as the assessment extends for each determinant of health. For each determinant of health, the relevant reasonably foreseeable cumulative projects are listed and a professional judgement is made as to the combined level of effect and its	

Topic	Morven North Cumulative Study Area	Morven South Cumulative Study Area
	implications for public health. For each of the determinants in the project alone assessment, the CEA considers the potential for pathways to the same population from other large-scale developments that are similar in location and timing.	
Climate change	All developments that emit, avoid or sequester greenhouse gases (GHGs) have the potential to impact the atmospheric mass of GHGs as a receptor, and so may have a cumulative impact on climate change. Consequently, cumulative effects due to other specific local development projects were not individually considered for the climate change assessment.	
Other sea users, marine infrastructure and communications	The Morven North Other Sea Users, Marine infrastructure and Communications Cumulative Study Area was defined as 50km from the Morven North Boundary and Morven South Boundary. This range represents a precautionary maximum distance at which effects from increased SSCs could occur for other sea users, marine infrastructure and communications receptors.	The Morven South Other Sea Users, Marine infrastructure and Communications Cumulative Study Area was defined as 50km from the Morven North Boundary and Morven South Boundary. This range represents a precautionary maximum distance at which effects from increased SSCs could occur for Other Sea Users, Marine infrastructure and Communications receptors.
Socio-economics	For economic and social impacts, the CEA will consider potential positive impacts associated with the offshore wind sector achieving critical mass and issues such as the potential competition for resources (for example, port infrastructure and labour). The Morven North and Morven South Socio-economic Cumulative Study Areas are therefore the Scottish and UK economies as a whole (consistent with the areas discussed within Volume 3, Annex 17.1: Socio-Economics Shared Economics Technical Report). In addition, they will consider the potential positive demographic impacts from additional projects being located at construction and O&M ports. The Morven North and Morven South Socio-economic Cumulative Study Areas will be the same as the Local Socio-economic Study Areas discussed within Volume 3, Annex 17.1: Socio-Economics Shared Economics Technical Report).	
Major accidents and disasters	The major accidents and disasters assessment draws from other topic assessments and does not undertake its own separate cumulative assessment. Therefore, the topic is not included as part of the CEA screening exercise.	

## 2.2.3 Data sources

2.2.3.1 Projects, plans and activities in the vicinity of Morven North and Morven South for inclusion in the CEA long list were identified through a desktop study of the following data sources:

- Marine Scotland ([www.marine.gov.scot](http://www.marine.gov.scot));
- Marine Scotland National Marine Plan (interactive) (<https://marinescotland.atkinsgeospatial.com/nmpi/>);
- CES ([www.crownstatescotland.com](http://www.crownstatescotland.com));
- The Crown Estate (TCE) ([www.thecrownestate.co.uk](http://www.thecrownestate.co.uk));
- European Marine Observation and Data Network (EMODnet) data ([www.emodnet.ec.europa.eu](http://www.emodnet.ec.europa.eu));
- Ports and Harbours UK ([www.ports.org.uk](http://www.ports.org.uk));
- Marine Management Organisation: Marine Information System ([www.defra.maps.arcgis.com](http://www.defra.maps.arcgis.com));
- North Sea Transition Authority website ([www.nstauthority.co.uk](http://www.nstauthority.co.uk));
- NATS ([www.nats.aero](http://www.nats.aero));
- Planning Inspectorate National Infrastructure Planning ([www.infrastructure.planninginspectorate.gov.uk](http://www.infrastructure.planninginspectorate.gov.uk));
- Oceanwise ([www.oceanwise.eu](http://www.oceanwise.eu));
- Developers and project proponent websites.

## 2.3 Stage 2: Refining the Cumulative Effects Assessment long list

2.3.1.1 Scottish EIA guidance states that a number of factors such as the “nature, size, or location” of a development influence the potential for cumulative effects (Scottish Government, 2017). Refinement of the CEA long list was undertaken by allocating projects, plans and activities to the following categories:

- Aquaculture (Appendix A)
- Cables and pipelines (Appendix A);
- Shipping ports (Appendix A);
- Military and aviation (Appendix A);
- Energy (Appendix B);
- Marine aggregates (Appendix C);
- Oil and gas (Appendix C);
- Coastal (Appendix C).

2.3.1.2 The locations and distances from Morven North and Morven South were also recorded, alongside a summary of the publicly available project descriptions and indicative programmes.

2.3.1.3 Information was gathered using data available within the public domain, such as planning databases and internet searches to determine the project, plan or activity status, their intended activities and the schedule for each. Where EIA Reports, Habitat Regulations Appraisal (HRA) Reports or licence applications were available, these were identified for topic specialists to consider during screening (see Stage 3, Section 2.4).

## 2.4 Stage 3: Screening

### 2.4.1 Overview

2.4.1.1 Screening (Stage 3) involved screening the projects, plans and activities in the CEA long list for the Cumulative Study Area identified for each topic (as listed in Table 2.1) Each topic specialist then further screened the list of projects either into or out of their topic’s CEA on the basis of the defined screening criteria in Table 2.2. These criteria are repeated at the start of each screening matrix in Appendix A below.

**Table 2.2: Topic Cumulative Effects Assessment screening criteria.**

Screened in or out	Screening code	Criteria
Screened out	a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
	d	No conceptual effect-receptor pathway.
	e	Low data confidence or availability.
	f	No physical effect-receptor overlap.
	g	No temporal overlap.
	h	Project has been withdrawn from development or operation.
Screened in	b <sup>1</sup>	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative effects assessment.
	c	Potential cumulative effect exists (must have a conceptual receptor impact pathway and must have a physical overlap or a temporal overlap).

2.4.1.2 Through the screening stage, a list of all projects, plans and activities screened into assessment is produced specific to each topic (although several plans, projects and/or activities will be relevant to multiple topics). Appendix A to Appendix C presents the screening codes for all projects in the long list for each topic. Each topic chapter CEA (Volume 2, Chapters 7 to 20, of the Morven North EIA Report and the Morven South EIA Report) presents an assessment of all projects, plans and activities which have been screened in for that topic.

## 2.4.2 Data confidence assessment

2.4.2.1 The level of publicly available data for each project, plan and activity will be different and dependent on its development stage. It is not possible to undertake a meaningful CEA where there is insufficient information available in the public domain. This approach is supported by the Renewable UK Cumulative Impact Assessment Guidelines, which set out that developers will consider projects, plans and activities that have sufficient information available in order to undertake the assessment (Section 7 of Renewable UK, 2013). Renewable UK (2013) goes on to state the rationale for this as "For an assessment to be meaningful it has to be based on evidence" and "the focus of the assessment will therefore be on those projects or activities for which sufficient relevant information exists" (Renewable UK, 2013).

2.4.2.2 A data confidence assessment has been assigned to each project, plan and activity in the CEA long list and is presented in each cumulative effects screening matrix in Appendix A to Appendix C. The data confidence categories and definitions are as follows:

- High: Data has been obtained from the developer's website or a consenting authority's portal.
- Medium: Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal.
- Low: There is a lack of robust data and information in the public domain which is outside the Applicant's control.

2.4.2.3 Screening of projects, plans and activities into or out of each topic CEA has taken into account the data confidence, depending on the availability of data relevant for the specific topic. Any projects, plans or activities with high or medium data confidence have been screened into the CEA, while any with low confidence have been screened out.

## 2.4.3 Conceptual overlap

2.4.3.1 A conceptual overlap occurs when there is a credible impact receptor pathway, where a cumulative impact has the potential to directly or indirectly affect a receptor. A conceptual overlap is identified, for example, when installation of a new cable (activity) could cause increased suspended sediment

concentrations (impact) which could cause smothering (effect) to the benthic ecology of the area (receptor). Alternatively, in cases where a conceptual overlap cannot be demonstrated (e.g. there is no impact receptor pathway), projects, plans and activities were screened out for the relevant topic at this stage.

#### **2.4.4 Physical overlap**

2.4.4.1 A cumulative effect may arise when the physical extent of the impact from projects, plans, or activities overlap with the physical extent of the impact from Morven North or Morven South. A physical overlap is identified, for example, when installation of a new cable (activity) could cause increased suspended sediment concentrations (impact) in the same location as the increased suspended sediment concentrations from Morven North or Morven South, which could cause smothering (effect) to the same benthic ecology features of the area (receptor).

2.4.4.2 The locations of other projects, plans and activities, and their distance from Morven North and Morven South were recorded in the CEA long list. Relevant documents in the public domain were also used to understand the physical extent of impacts from other projects, plans and activities. These details were used by technical specialists to identify a physical overlap in the CEA screening on a topic-specific basis.

#### **2.4.5 Temporal overlap**

2.4.5.1 A cumulative effect arises when the temporal extent of the impact from projects, plans, or activities overlap with the temporal extent of a potential impact from Morven North or Morven South. A temporal overlap is identified, for example, when installation of a new cable (activity) could cause increased suspended sediment concentrations (impact) at the same time as the increased suspended sediment concentrations from Morven North or Morven South, which could cause simultaneous smothering (effect) to benthic ecology features of the area (receptor).

2.4.5.2 Some impacts are only relevant to specific phases of the project (e.g. underwater noise from piling occurs only during construction). The dates of construction, O&M and decommissioning phases for projects, plans, and activities have been outlined in the CEA long list based on relevant documents in the public domain, such as scoping and EIA Reports. These periods were used by technical specialists to identify potential temporal overlap with Morven North and Morven South for CEA screening. The absence of a strict overlap however may not necessarily preclude a cumulative effect, as receptors may become further affected by projects, plans and activities which do not have a direct temporal overlap but occur directly before or after Morven North and Morven South project phases. This has been considered for each topic, with projects being screened in for cumulative assessment if required.

2.4.5.3 All projects, plans and activities which are built or operational at the time of Morven North and Morven South baseline characterisation for the EIA and HRA have been screened out. This is because the impact and effects of these projects, plans and activities have been accounted for within the baseline environment. The exception to this is where projects have an ongoing operational impact and therefore this ongoing impact has temporal overlap with Morven North and Morven South so needs to be accounted for in the CEA.

### **2.5 Tiered approach**

2.5.1.1 Following screening, a tiered approach has been adopted for undertaking the CEA. This approach provides a framework for placing relative weight on the potential for each project, plan or activity to be included in the CEA to ultimately be realised, based upon the project, plan or activity's current stage of maturity and certainty in the project's parameters.

2.5.1.2 All projects, plans and activities included in the CEA long list have been allocated into one of the three Tiers, as described in Table 2.3. Where projects, plans and activities have been screened into a topic assessment, they are considered under that Tier. The Shipping and Navigation assessment has applied different Tier definitions, and details of this are presented within Volume 2, Chapter 13: Shipping and Navigation.

2.5.1.3 The tiered approach is broadly consistent with the Planning Inspectorate Nationally Significant Infrastructure Projects: Advice on Cumulative Effects Assessment (Planning Inspectorate, 2025) and aligns with the Renewable UK Cumulative Impact Assessment Guidelines, specifically Guiding Principle 4 and Guiding Principle 7 (Renewable UK, 2013). The allocation of each project, plan and activity into tiers is not affected by the screening process but is merely a categorisation applied to all projects, plans and activities that have been screened for assessment.

**Table 2.3: Overview of tiered approach for Cumulative Effects Assessment**

Tier	Detail
Tier 1	Existing developments either built (operational) or under construction <sup>1</sup> ; approved developments awaiting implementation; and permitted/submitted application(s) but not yet determined. Morven South is also considered a Tier 1 project, subject to screening in topic-specific CEA.
Tier 2	All projects, plans and activities assessed under Tier 1, and projects, plans and activities where a scoping report has been submitted and is in the public domain. The MHPGC Project is also considered a Tier 2 project, subject to screening in topic-specific CEA.
Tier 3	All projects, plans and activities assessed under Tier 1 and 2, plus projects, plans and activities that are reasonably foreseeable (e.g., projects identified in development plans, projects in other plans and programmes, offshore renewable energy projects that have a CES Lease Option Agreement) and for which sufficient information is available in the public domain to enable a meaningful assessment. The MBAGC Project is also considered a Tier 3 project, subject to screening in topic-specific CEA.

2.5.1.4 The Morven North and Morven South CEA long list is presented in Appendix A to Appendix C. This includes the CEA long list with temporal information (temporal overlap with Morven North and Morven South) and spatial overlap (distance from Morven North and Morven South with the topic-specific screening).

### 3 References

Furness, R.W. (2015). Non-breeding season populations of seabirds in UK waters: Population sizes for Biologically Defined Minimum Population Scales (BDMPS). Natural England Commissioned Reports, Number 164.

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NatureScot (2023) Guidance to support Offshore Wind Applications – Marine Ornithology Impact Pathways for Offshore Wind Developments. Available at: <https://www.nature.scot/doc/guidance-note-6-guidance-support-offshore-wind-applications-marine-ornithology-impact-pathways> (Accessed: June 2025)

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Scottish Government (2017). Guidance on The Town and Country Planning (Environmental Impact Assessment) (Scotland) Regulations 2017. Planning Circular 1/2017: Environmental Impact Assessment regulations. Published 16 May 2017. Available at: <https://www.gov.scot/publications/planning-circular-1-2017-environmental-impact-assessment-regulations-2017/> (Accessed: June 2025).

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## **Appendix A**      **Cumulative effects screening matrix**

### **A.1**    **Cumulative effects matrix – Aquaculture temporal**

The Aquaculture projects, plans and activities are shown in Apx Figure 1

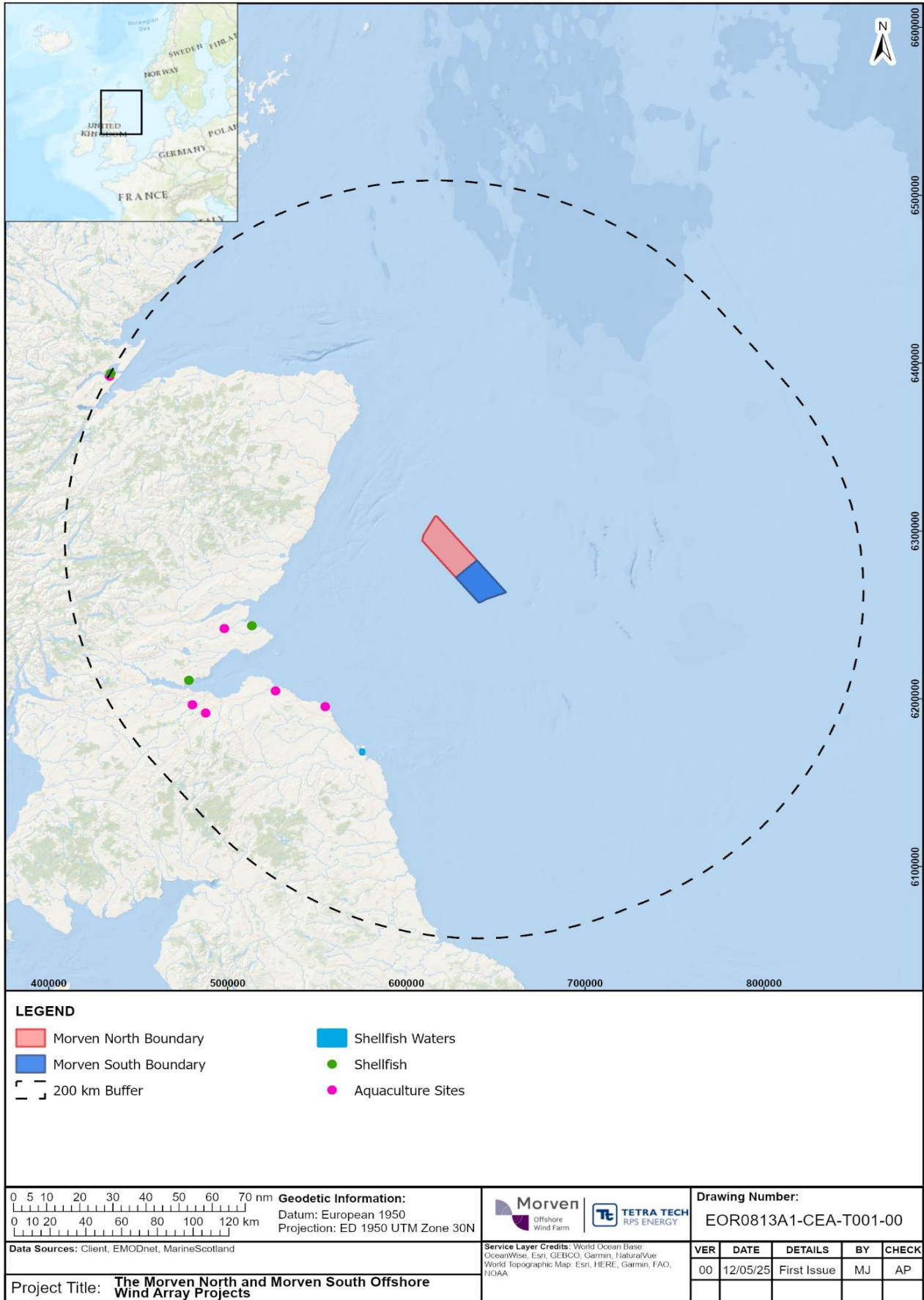
### Appendix A: Aquaculture - Temporal

Key	Project Status
	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning
	Non-operational

Note - where an end date is not given in the licence, then a duration of 15 years has been assumed based on previous licences.

**Aquaculture: Temporal**  
 Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).

Project	Information in the Public Domain	Data Confidence Assessment	Capacity/ scale	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050
<b>United Kingdom - Shellfish sites within 200km of Morven North and Morven South</b>																									
<b>Tier 1</b>																									
The Aquaponics Garden	Marine Scotland Open Data	Medium	Fish	Operational																					
Belton Ford	Marine Scotland Open Data	Medium	Fish	Operational																					
St Abbs Marine Station (Finfish)	Marine Scotland Open Data	Medium	Fish	Operational																					
Udale Bay (Cromarty Bay)	Marine Scotland Open Data	Medium	Shellfish	Operational																					
Aquanzo Lab	Marine Scotland Open Data	Medium	Shellfish	Operational																					
Holy Island	Marine Scotland Open Data	Medium	Shellfish	Operational																					
Cromarty Mussels	Marine Scotland Open Data	Medium	Shellfish	Operational																					
Todd Fisheries TechInactvelogy	Marine Scotland Open Data	Medium	Shellfish	Operational																					
<b>Decommissioned projects</b>																									
Cromarty Bay West	Marine Scotland Open Data	Medium	Shellfish	Non-operational																					
Scottish Oceans Institute	Marine Scotland Open Data	Medium	Fish	Non-operational																					
Great British Aquatech Ltd	EMODnet	Medium	Shellfish	Non-operational																					
Roslin Institute Hatchery	Marine Scotland Open Data	Medium	Fish	Non-operational																					



ApX Figure 1: Aquaculture projects, plans and activities within 200km of Morven North and Morven South

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## **A.2 Cumulative effects matrix – Aquaculture spatial and screening**

**Appendix A: Aquaculture - Spatial and Screening**

Key	Stage 3 screening criteria
a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment. <b>Screened out of assessment.</b>
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: <b>Screened in to assessment.</b>
c	Potential cumulative impact exists: <b>Screened in to assessment.</b>
d	No conceptual effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data confidence or availability: <b>Screened out of assessment.</b>
f	No physical effect-receptor overlap: <b>Screened out of assessment.</b>
g	No temporal overlap: <b>Screened out of assessment.</b>
h	Project has been withdrawn from development or operation: <b>Screened out of assessment.</b>

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
						North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South
<b>United Kingdom - Shellfish sites within 200km of Morven North and Morven South</b>																													
<b>Tier 1</b>																													
The Aquaponics Garden	<a href="https://marine.gov.scot/maps/1586">https://marine.gov.scot/maps/1586</a>	122	133	Operational	Medium	f	f	a	a	f	f	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Belton Ford	<a href="https://marine.gov.scot/maps/1586">https://marine.gov.scot/maps/1586</a>	120	121	Operational	Medium	f	f	a	a	f	f	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
St Abbs Marine Station (Finfish)	<a href="http://aquaculture.scotland.gov.uk/data/site_details_record.aspx?site_id=FS1265">http://aquaculture.scotland.gov.uk/data/site_details_record.aspx?site_id=FS1265</a>	106	106	Operational	Medium	f	f	a	a	f	f	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Udale Bay (Cromarty Bay)	<a href="http://aquaculture.scotland.gov.uk/data/site_details_record.aspx?site_id=SS0147">http://aquaculture.scotland.gov.uk/data/site_details_record.aspx?site_id=SS0147</a>	200	228	Operational	Medium	f	f	a	a	f	f	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Aquanzo Lab	<a href="http://aquaculture.scotland.gov.uk/data/site_details_record.aspx?site_id=SS0963">http://aquaculture.scotland.gov.uk/data/site_details_record.aspx?site_id=SS0963</a>	161	166	Operational	Medium	f	f	a	a	f	f	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Holy Island	<a href="https://marine.gov.scot/maps/1586">https://marine.gov.scot/maps/1586</a>	115	109	Operational	Medium	f	f	a	a	f	f	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Cromarty Mussels	Scotland's Aquaculture   Site Details	200	228	Operational	Medium	f	f	a	a	f	f	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Todd Fisheries Technactvelogy	<a href="https://marine.gov.scot/maps/1586">https://marine.gov.scot/maps/1586</a>	155	161	Operational	Medium	f	f	a	a	f	f	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
<b>Decommissioned projects</b>																													
Cromarty Bay West	<a href="http://aquaculture.scotland.gov.uk/data/site_details_record.aspx?site_id=SS0830">http://aquaculture.scotland.gov.uk/data/site_details_record.aspx?site_id=SS0830</a>	199	228	Non-operational	Medium	f	f	a	a	f	f	g	g	h	h	d	d	d	d	f	f	d	d	f	f	d	d	d	d
Scottish Oceans Institute	<a href="http://aquaculture.scotland.gov.uk/data/site_details_record.aspx?site_id=FS1346">http://aquaculture.scotland.gov.uk/data/site_details_record.aspx?site_id=FS1346</a>	108	118	Non-operational	Medium	f	f	a	a	f	f	g	g	h	h	d	d	d	d	f	f	d	d	f	f	d	d	d	d
Great British Aquatech Ltd	GREAT BRITISH AQUATECH LIMITED overview - Find and update company information - GOV.UK	108	118	Non-operational	Medium	f	f	a	a	f	f	g	g	h	h	d	d	d	d	f	f	d	d	f	f	d	d	d	d
Roslin Institute Hatchery	<a href="https://marine.gov.scot/maps/1586">https://marine.gov.scot/maps/1586</a>	159	162	Non-operational	Medium	f	f	a	a	f	f	g	g	h	h	d	d	d	d	f	f	d	d	f	f	d	d	d	d

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## **A.3 Cumulative effects matrix – Cables and pipelines temporal**

The cables and pipelines projects, plans and activities are shown in Apx Figure 2.

### Appendix A: Cables and Pipelines - Temporal

Key	Project Status
	Consenting/Pre-Construction
	Construction / Recommission
	Operation and Maintenance
	Decommissioning
	Project has been withdrawn from development or operation

Note - Where no specific lifespan or decommissioning plan is stated for a cable, 15 years further life is assumed.  
 Note - Where projects have pre-approval and have no known operation schedule, no construction window is indicated

#### Cables and Pipelines: Temporal

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South if the projects are to be built sequentially).

Project	Information in the Public Domain	Data Confidence Assessment	Capacity / scale	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050
<b>United Kingdom - Pipelines within 200km of Morven North and Morven South</b>																									
<b>Tier 1</b>																									
20" Gas Fulmar A - St. Fergus	NSTA	High	Gas pipeline from Fulmar A to St Fergus gas processing plant	Decommissioning																					
36" Gas Brent A - St. Fergus (Flags)	NSTA	High	Gas pipeline from Brent A to St Fergus gas processing plant.	Decommissioning																					
Britannia To St Fergus	NSTA	High	Gas pipeline from Britannia to St Fergus gas processing plant	Operational																					
Burgman Bundle	NSTA	High	Oil pipeline from Burgman Bundle	Operational																					
Buzzard (P) To Forties Hot Tap	NSTA	High	Oil pipeline from Buzzard field to the Forties pipeline	Operational																					
Catcher Bundle	NSTA	High	Oil pipeline from Catcher Bundle	Operational																					
Catcher Gas Export Pipeline	NSTA	High	Gas pipeline from catcher	Operational																					
Cats Pipeline	NSTA	High	396km gas export pipeline from central north sea to CATS terminal in Teesside	Operational																					

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South if the projects are to be built sequentially).

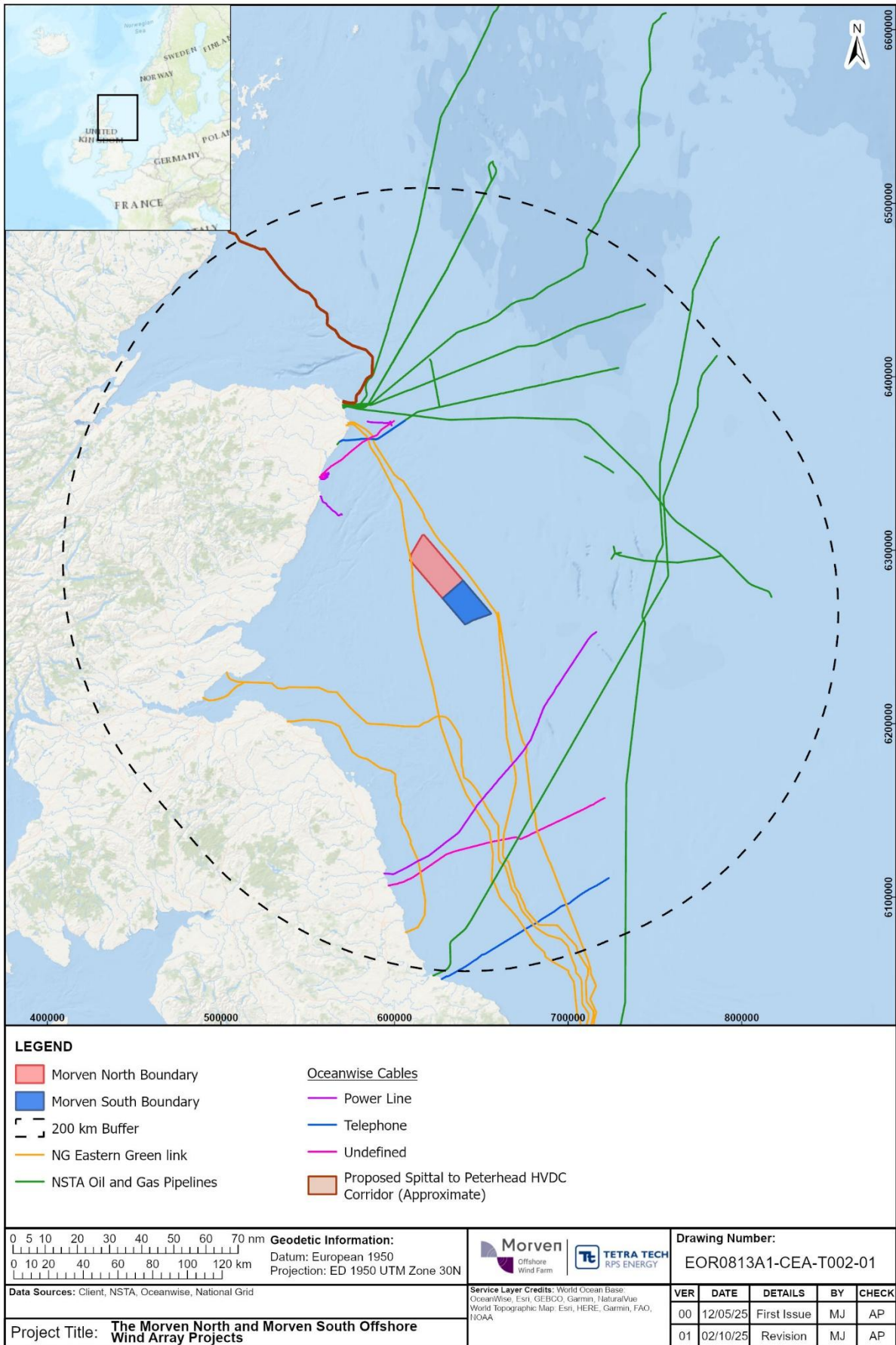
Project	Information in the Public Domain	Data Confidence Assessment	Capacity / scale	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050	
Forties C To Cruden Bay (PI721)	NSTA	High	169km oil pipeline from the forties C platform to Cruden bay	Operational																						
Hfc To St. Fergus South	NSTA	High	361km gas pipeline from Heider Riser platform to St Fergus	Operational																						
Langeled Pipeline	NSTA	High	628km gas pipeline starting from More og Romsdal (Norway) to the North Sea	Operational																						
Pict Gas Lift Flowline Dc6 To Dc7	NSTA	High	18.9km gas pipeline from DC6 to DC7 of the Pict development	Operational																						
Pict Production Flowline Dc7 To Dc5	NSTA	High	11.4km hydroelectric cable between DC7 and DC5 of the Pict development	Operational																						
Pict Tree Ga Gas Lift Jumper	NSTA	High	Gas lift jumper	Operational																						
Pict Tree Ga Production Jumper	NSTA	High	Gas lift jumper	Operational																						
Pict Tree Gb Gas Lift Jumper	NSTA	High	Gas lift jumper	Operational																						
Pict Tree Gb Production Jumper	NSTA	High	Gas lift jumper	Operational																						
Pict Tree Gc Gas Lift Jumper	NSTA	High	Gas lift jumper	Operational																						
Pict Tree Gc Production Jumper	NSTA	High	Gas lift jumper	Operational																						
PI774 - Everest To Teesside	NSTA	High	36 inch Active GAS pipeline owned by Independent Oil & Gas	Construction / Recommission																						
Sage Pipeline	NSTA	High	323km gas pipeline connecting Beryl and SAGE pipelines to the SAGE terminal at ST Fergus	Operational																						
Varadero Bundle	NSTA	High	Oil pipeline from Varadero bundle	Operational																						
<b>United Kingdom - Cables within 200 km of Morven North and Morven South</b>																										
<b>Tier 1</b>																										

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South if the projects are to be built sequentially).

Project	Information in the Public Domain	Data Confidence Assessment	Capacity / scale	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050
Altibox	Oceanwise / Kis-Orca	High		Operational																					
CNS FIBRE OPTIC	NSTA	High	fibre optic cable connecting Aberdeen, Cruden Bay, Forties and Everest with the Ula platform	Operational																					
Eastern Green Link 1	Marine Scotland	High	176 km cable with a capacity of 2 GW	Construction / Recommission																					
Eastern Green Link 2	Marine Scotland	High	515 km cable with a capacity of 2 GW	Construction / Recommission																					
North Sea Link	Oceanwise / Kis-Orca	High	720 km cable with a capacity of 1400 MW	Operational																					
Undefined Cable	NSTA	Low	N/A	Operational																					
Undefined Cable	NSTA	Low	N/A	Operational																					
Undefined Cable	NSTA	Low	N/A	Operational																					
Unnamed Power Line	NSTA	Low	N/A	Operational																					
Unnamed Power Line	NSTA	Low	N/A	Operational																					
Unnamed Power Line	NSTA	Low	N/A	Operational																					
Unnamed Power Line	NSTA	Low	N/A	Operational																					
Unnamed Power Line	NSTA	Low	N/A	Operational																					
Spittal to Peterhead HVDC link	SSEN	High	2GW bi-pole 525kV HVDC link	Application submitted/Awaiting decision																					
<b>Tier 2</b>																									
Eastern Green Link 3	NSTA	High	2GW HVDC link between Fife and King's Lynn	Consenting/Pre-Construction																					

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South if the projects are to be built sequentially).

Project	Information in the Public Domain	Data Confidence Assessment	Capacity / scale	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050		
Eastern Green Link 4	Marine Scotland	High	2GW HVDC link between Fife and King's Lynn	Consenting/Pre-Construction	Green	Green	Green	Green	Blue	Blue	Blue	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow		
Eastern Green Link 5	National Grid	High	Scotland to England Green Link 5. Up to 555km in length	Consenting/Pre-Construction	Green	Green	Green	Green	Green	Green	Blue	Blue	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow		
E4L6	National Grid	Low	Minimal information available	Consenting/Pre-Construction																							
<b>Decommissioned</b>																											
PANGEA NORTH UK/DMK	Oceanwise / Kis-Orca	High	685 km cable	Non-operational	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey		
32 IN MCP01 BYPASS BUNDLE TO ST FERGUS GAS PLANT	NSTA	High	Gas pipeline from Bypass Bundle to St Fergus gas processing plant. Decommissioned	Decommissioned	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey		



Apx Figure 2: Cables and pipeline projects, plans and activities within 200km of Morven North and Morven South

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## **A.4 Cumulative effects matrix – Cables and pipelines spatial and screening**

### Appendix A: Cables and Pipelines - Spatial and Screening

Key	Stage 3 screening criteria
a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment. <b>Screened out of assessment.</b>
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: <b>Screened in to assessment.</b>
c	Potential cumulative impact exists: <b>Screened in to assessment.</b>
d	No conceptual effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data confidence or availability: <b>Screened out of assessment.</b>
f	No physical effect-receptor overlap: <b>Screened out of assessment.</b>
g	No temporal overlap: <b>Screened out of assessment.</b>
h	Project has been withdrawn from development or operation: <b>Screened out of assessment.</b>

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
						North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South
<b>United Kingdom - Pipelines within 200km of Morven North and Morven South</b>																													
<b>Tier 1</b>																													
20" GAS FULMAR A - ST. FERGIUS	Fulmar Auk North Decommissioning Programme (publishing.service.gov.uk)	68	93	Decommissioning	High	f	f	c	c	f	f	d	d	a	a	c	c	f	f	f	f	d	d	f	f	d	d	d	d
36" GAS BRENT A - ST. FERGIUS (FLAGS)	Access to oil and gas infrastructure   ExxonMobil United Kingdom	83	117	Decommissioning	High	f	f	c	c	f	f	d	d	a	a	c	c	f	f	f	f	d	d	f	f	d	d	d	d
BRITANNIA TO ST FERGIUS	Conoco and Chevron gas field project - Offshore Technology (offshore-technology.com)	80	114	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
BURGMAN BUNDLE	PremierCatcher.pdf (publishing.service.gov.uk)	86	76	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
BUZZARD (P) TO FORTIES HOT TAP	BP's Forties Pipeline System Wins Buzzard Contract   Rigzone	74	101	Operational	High	f	f	c	c	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
CATCHER BUNDLE	PremierCatcher.pdf (publishing.service.gov.uk)	89	80	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
CATCHER GAS EXPORT PIPELINE	PremierCatcher.pdf (publishing.service.gov.uk)	89	80	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
CATS PIPELINE	CATS Pipeline   Kellas Midstream	101	78	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
FORTIES C TO CRUDEN BAY (PL721)	BP Forties System The Largest Offshore Oil Gathering Network in the World   Hydraulic Analysis Limited (hydraulic-analysis.com)	61	95	Operational	High	f	f	c	c	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
HFC TO ST. FERGIUS SOUTH	Vesterled by Gassco Pipeline – Subsea Oil and Gas Directory	81	115	Operational	High	f	f	c	c	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
LANGELED PIPELINE	Langeled North (LLN) gas pipeline, Norway (offshore-technology.com)	105	87	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
PICT GAS LIFT FLOWLINE DC6 TO DC7	PetroCanadaPict.pdf (publishing.service.gov.uk)	100	100	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
PICT PRODUCTION FLOWLINE DC7 TO DC6 SOVS	PetroCanadaPict.pdf (publishing.service.gov.uk)	100	100	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
PICT TREE GA GAS LIFT JUMPER	PetroCanadaPict.pdf (publishing.service.gov.uk)	100	100	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
PICT TREE GA PRODUCTION JUMPER	PetroCanadaPict.pdf (publishing.service.gov.uk)	100	100	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
PICT TREE GB GAS LIFT JUMPER	PetroCanadaPict.pdf (publishing.service.gov.uk)	100	100	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
PICT TREE GB PRODUCTION JUMPER	PetroCanadaPict.pdf (publishing.service.gov.uk)	100	100	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
PICT TREE GC GAS LIFT JUMPER	PetroCanadaPict.pdf (publishing.service.gov.uk)	100	100	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
PICT TREE GC PRODUCTION JUMPER	PetroCanadaPict.pdf (publishing.service.gov.uk)	100	100	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
PI774 - Everest To Teesside	NZT DCO 6.2.5 ES Vol 1 Chapter 5 Construction Programme and Management	78	78	Construction / Recommission	High	f	f	d	d	f	f	d	d	a	a	c	c	f	f	f	f	d	d	f	f	d	d	d	d
SAGE PIPELINE	SAGE - Ancala	81	115	Operational	High	f	f	c	c	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
VARADERO BUNDLE	PremierCatcher.pdf (publishing.service.gov.uk)	89	79	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
<b>United Kingdom - Cables within 200 km of Morven North and Morven South</b>																													
<b>Tier 1</b>																													
Altibox	Oceanwise Licenced Dataset	143	124	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
CNS FIBRE OPTIC	Norway's NSC links North Sea fiber-optic networks   Lightwave (lightwaveonline.com)	61	95	Operational	High	f	f	a	a	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Eastern Link 1	Marine Licence Application - SEGL Eastern Link 1 HVDC Cable and Cable Protection - Torness to Hawthorn Pit - 00009880   Marine Scotland Information	94	93	Construction / Recommission	High	f	f	a	a	f	f	d	d	a	a	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Eastern Link 2	Marine Licence Application - SEGL/Eastern Link 2 HVDC Cable and Cable Protection - Peterhead to Drax - 00009943   Marine Scotland Information	0	16	Construction / Recommission	High	c	c	b	b	b	b	d	d	a	a	c	c	c	f	c	f	d	d	b	b	d	d	d	d
North Sea Link	Oceanwise Licenced Dataset	79	55	Operational	High	f	f	d	d	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Undefined Cable	N/A	65	97	Operational	Low	f	f	e	e	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	e	e
Undefined Cable	N/A	66	99	Operational	Low	f	f	e	e	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	e	e
Undefined Cable	N/A	63	97	Operational	Low	f	f	e	e	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	e	e
Unnamed Power Line	N/A	46	75	Operational	Low	f	f	e	e	e	f	d	d	a	a	a	a	f	f	f	f	d	d	e	f	d	d	e	e
Unnamed Power Line	N/A	79	55	Operational	Low	f	f	e	e	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	e	e
Unnamed Power Line	N/A	64	96	Operational	Low	f	f	e	e	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	e	e
Unnamed Power Line	N/A	65	98	Operational	Low	f	f	e	e	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	e	e
Unnamed Power Line	N/A	66	99	Operational	Low	f	f	e	e	f	f	d	d	a	a	a	a	f	f	f	f	d	d	f	f	d	d	e	e
Spittal to Peterhead HVDC link	SSEN Transmission submits Spittal to Peterhead marine cable licence application to help deliver national clean power targets	85	120	Application submitted/Awaiting decision	High	f	f	c	c	f	f	c	c	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
<b>Tier 2</b>																													
Eastern Green Link 3	Eastern Green Link 3 and 4   National Grid ET	5	3	Consenting/Pre-Construction	High	c	c	c	c	c	c	c	c	d	d	c	c	c	c	f	c	d	d	c	c	d	d	d	d
Eastern Green Link 4	Eastern Green Link 3 and 4   National Grid ET	68	55	Consenting/Pre-Construction	High	f	f	c	c	f	f	c	c	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Eastern Green Link 5	https://www.nationalgrid.com/document/558996/download	27	4	Consenting/Pre-Construction	High	c	c	c	c	c	c	c	c	d	d	c	c	f	f	f	f	d	d	c	c	d	d	c	c
E4L6	Global Offshore Renewables Map   4C Offshore	79	61	Consenting/Pre-Construction	Low	f	f	e	e	e	e	d	d	d	d	e	e	f	f	e	e	d	d	f	f	d	d	e	e
<b>Decommissioned</b>																													
PANGEA NORTH UK/DMK	Oceanwise Licenced Dataset	188	167	Non-operational	High	f	f	d	d	f	f	d	d	h	h	f	f	f	f	f	f	d	d	f	f	d	d	d	d
32 IN MCP01 BYPASS BUNDLE TO ST FERDUS GAS PLANT	HazardEx - Decommissioning project case study: TOTAL's MCP-01 platform	81	115	Decommissioned	High	f	f	d	d	f	f	d	d	h	h	f	f	f	f	f	f	d	d	f	f	d	d	d	d

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## **A.5 Cumulative effects matrix – Shipping and ports temporal**

The Shipping ports projects, plans and activities are shown in Apx Figure 3

### Appendix A: Shipping and Ports - Temporal

Key	Project Status
	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

**Shipping and Ports: Temporal**

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).

Project	Information in the Public Domain	Data Confidence Assessment	Type of Port	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050	
<b>United Kingdom - Ports within 200km of Morven North and Morven South</b>																										
<b>Tier 1</b>																										
Aberdeen Harbour Expansion	Ports website (www.ports.org.uk)	High	Harbour Expansion	Operational																						
Aberdeen	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Aberdour	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Alnmouth	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Amble	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Anstruther	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Arbroath	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Auchmithie	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Avoch	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).

Project	Information in the Public Domain	Data Confidence Assessment	Type of Port	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050	
Balintore	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Banff	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Beadnell	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Berwick-upon-Tweed	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Blackness	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Blyth	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Boddam	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Braefoot Bay	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Broughty Ferry	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Brucehaven	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Buchanhaven	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Buckie	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Burghead	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Burnmouth	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Burntisland	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Cairnbulg	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Carron	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Catterline	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Cellardyke	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Charlestown (Fife)	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Cockenzie	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Collieston	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).

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Cove	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Cove Bay	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Crail	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Cramond	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Craster	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Cromarty	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Crombie Pier	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Crovie	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Cullen	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Dalgety Bay	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Dunbar	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Dundee	Ports website (www.ports.org.uk)	High	Large Industrial Harbour	Operational																						
Dysart	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Elie	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Eyemouth	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Findhorn	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Findochty	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Fisherrow	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Fortrose	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Fraserburgh	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Gardenstown	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Gourdon	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).

Project	Information in the Public Domain	Data Confidence Assessment	Type of Port	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050
Grangemouth	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Granton	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Hartlepool	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Hawes Pier	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Hilton	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Hopeman	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Hound Point Terminal	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Inverkeithing	Ports website (www.ports.org.uk)	High	Large Industrial Harbour	Operational																					
Inverness	Ports website (www.ports.org.uk)	High	Large Industrial Harbour	Operational																					
Johnshaven	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Kirkcaldy	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Leith	Ports website (www.ports.org.uk)	High	Large Industrial Harbour	Operational																					
Limekilns	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Lindisfarne	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Long Craig	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Lossiemouth	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Lower Largo	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Macduff	Ports website (www.ports.org.uk)	High	Large Industrial Harbour	Operational																					
Methil	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Montrose	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Nairn	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					
Newburgh (River Tay)	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																					

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).

Project	Information in the Public Domain	Data Confidence Assessment	Type of Port	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050	
Newhaven (Scotland)	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Newport-on-Tay	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Nigg	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
North Berwick	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
North Queensferry	Ports website (www.ports.org.uk)	High	Large Industrial Harbour	Operational																						
Pennan	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Perth	Ports website (www.ports.org.uk)	High	Large Industrial Harbour	Operational																						
Peterhead	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Pettycur	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Pittenweem	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Port Edgar	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Port Erroll	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Port Seton	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Portgordon	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Portknockie	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Portmahomack	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Portsoy	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Rockfield	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Rosehearty	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Rosyth	Ports website (www.ports.org.uk)	High	Large Industrial Harbour	Operational																						
Sandend	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Sandhaven	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).

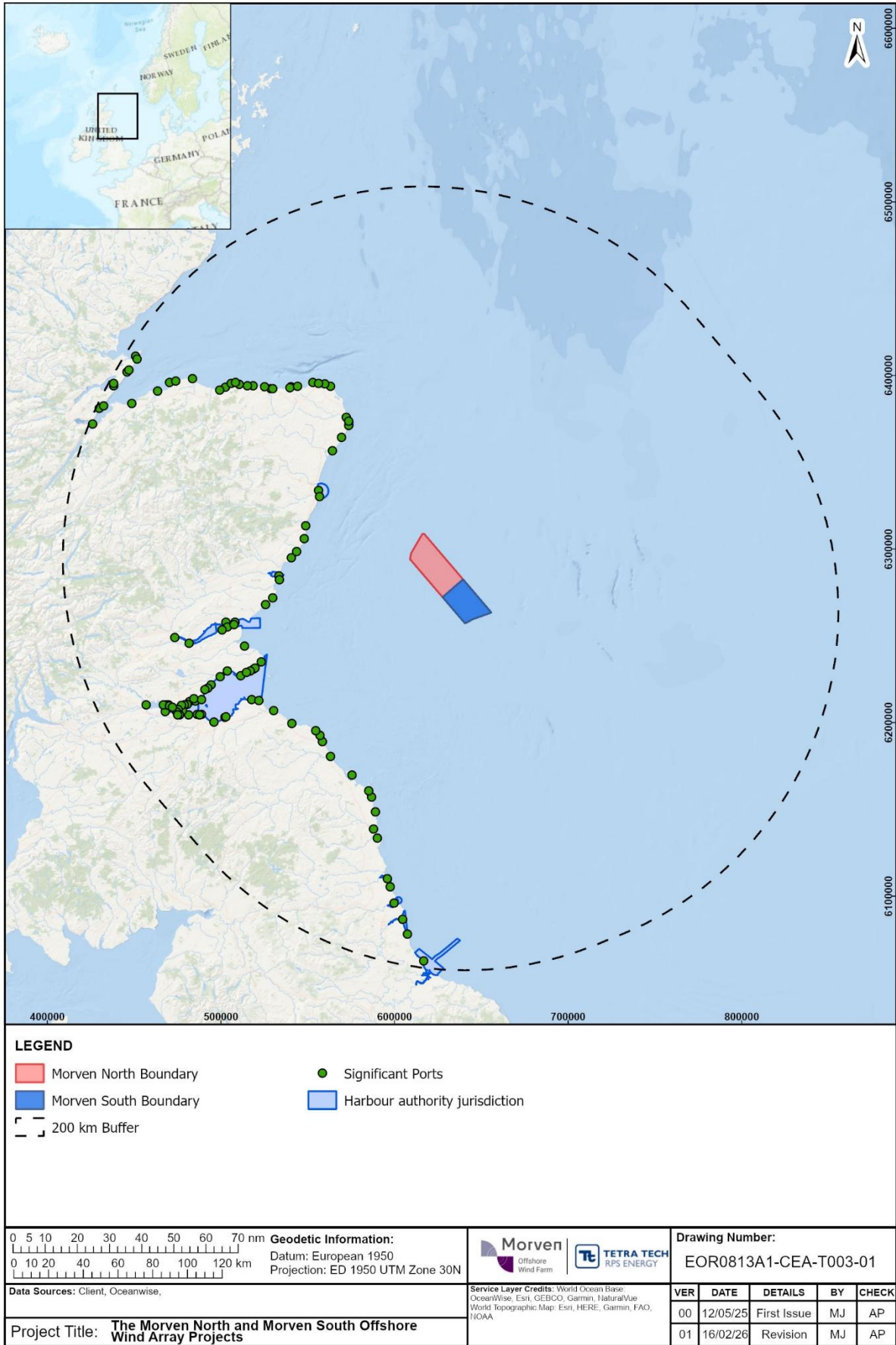
Project	Information in the Public Domain	Data Confidence Assessment	Type of Port	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050	
Seacliff	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Seaham	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Seahouses	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Seaton Sluice	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
South Queensferry	Ports website (www.ports.org.uk)	High	Large Industrial Harbour	Operational																						
St Abbs	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
St Andrews	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
St Monans	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Stonehaven	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Sunderland	Ports website (www.ports.org.uk)	High	Large Industrial Harbour	Operational																						
Tayport	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Tyne	Ports website (www.ports.org.uk)	High	Large Industrial Harbour	Operational																						
Usan	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Warkworth Harbour	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
West Wemyss	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Whitehills	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Wormit (Woodhaven)	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Aberdeen Harbour Board	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Anstruther Harbour	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Authority of Forth Ports Ltd	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Authority of Forth Ports plc	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Blyth Harbour Commission	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).

Project	Information in the Public Domain	Data Confidence Assessment	Type of Port	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050	
Cellardyke Harbour	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Crail Harbour	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Eyemouth Harbour	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Montrose Harbour	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Perth Harbour	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Peterhead Bay Harbour	Oceanwise	High	Small Fishing Harbour	Operational																						
Peterhead Port Authority	Oceanwise	High	Small Fishing Harbour	Operational																						
Pettycur Harbour	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Pittenweem Harbour	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Port Babcock Rosyth	Oceanwise	High	Small Fishing Harbour	Operational																						
Port of Dundee	Oceanwise	High	Large Industrial Harbour	Operational																						
Port of Sunderland Authority	Oceanwise	High	Large Industrial Harbour	Operational																						
Port of Tyne	Oceanwise	High	Large Industrial Harbour	Operational																						
Port of Tyne Authority	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Seaham Port	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
St. Monans Harbour	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Sunderland	Ports website (www.ports.org.uk)	High	Small Fishing Harbour	Operational																						
Tees and Hartlepool Port Authority	Oceanwise	High	Large Industrial Harbour	Operational																						
Arbroath - Pontoon	Marine Scotland	High	Pontoon Expansion	Operational																						
Eyemouth - Pontoon	Marine Scotland	High	Pontoon Expansion	Operational																						
Findochty - Pontoon	Marine Scotland	High	Pontoon Expansion	Operational																						

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).

Project	Information in the Public Domain	Data Confidence Assessment	Type of Port	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050	
Fraserburgh - Pontoon	Marine Scotland	High	Pontoon Expansion	Operational																						
Montrose - Pontoon	Marine Scotland	High	Pontoon Expansion	Operational																						
North Queensferry - Pontoon	Marine Scotland	High	Pontoon Expansion	Operational																						
Port Edgar - Pontoon	Marine Scotland	High	Pontoon Expansion	Operational																						



Apx Figure 3: Shipping ports projects, plans and activities within 200km of Morven North and Morven South

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## **A.6 Cumulative effects matrix – Shipping and ports spatial and screening**

**Appendix A: Shipping and Ports - Spatial and Screening**

Key	Stage 3 screening criteria
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
c	Potential cumulative impact exists: <b>Screened in to assessment.</b>
d	No conceptual effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data confidence or availability: <b>Screened out of assessment.</b>
f	No physical effect-receptor overlap: <b>Screened out of assessment.</b>
g	No temporal overlap: <b>Screened out of assessment.</b>
h	Project has been withdrawn from development or operation: <b>Screened out of assessment.</b>

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
						North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South
<b>United Kingdom - Ports within 200km of Morven North and Morven South</b>																													
<b>Tier 1</b>																													
Aberdeen Harbour Expansion	ahb-rep1-r2.pdf (marine.gov.scot) https://www.portofaberdeen.co.uk/about-us/aberdeen-south-harbour	64	94	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Aberdeen	Ports.org.uk / Quick Search	64	94	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Aberdour	ABERDOUR Port - Ports Directory	151	158	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Alnmouth	ALNMOUTH Shelter - Ports Directory	139	130	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Amble	AMBLE Marina - Ports Directory	144	134	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Anstruther	ANSTRUTHER Marina - Ports Directory	110	116	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Arbroath	Arbroath Harbour - port information   Angus Council	87	102	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Auchmithie	Auchmithie, Harbour   Canmore	82	98	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Avoch	Ports.org.uk / Quick Search	198	226	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Balintore	BALINTORE Marina - Ports Directory	194	223	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Banff	BANFF Marina - Ports Directory	121	156	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Beadnell	BEADNELL Marina - Ports Directory	122	114	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Berwick-upon-Tweed	BERWICK Port - Ports Directory	112	109	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Blackness	Ports.org.uk / Blackness	166	173	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Blyth	Home - Port of Blyth   Leading UK Offshore Energy Support Base	165	154	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Boddam	Ports.org.uk / Boddam	75	110	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Braefoot Bay	Port of Braefoot Bay, U.K.	153	159	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Broughty Ferry	Broughty Ferry, Harbour   Canmore	107	121	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Brucehaven	Ports.org.uk / Brucehaven	162	170	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Buchanhaven	Ports.org.uk / Quick Search	80	115	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Buckie	Ports.org.uk / Buckie	142	174	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Burghead	Burnmouth Harbour   Canmore <a href="http://www.ports.org.uk/port.asp?id=726">http://www.ports.org.uk/port.asp?id=726</a>	170	200	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Burnmouth	Ports.org.uk / Burnmouth	108	107	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Burntisland	Burntisland Harbour	148	154	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Cairnbulg	Ports website (www.ports.org.uk)	100	135	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Carron	Ports.org.uk / Carron	148	155	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Catterline	Ports.org.uk / Catterline	62	87	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Cellardyke	Ports.org.uk / Cellardyke	109	115	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Charlestown (Fife)	Home Page - Charlestown Harbour	163	171	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Cockenzie	Cockenzie & Port Seton Harbour   Visit East Lothian	140	143	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Collieston	Collieston Harbour   Canmore	71	105	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Cove	Cove Harbour	113	113	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Cove Bay	Cove Harbour	62	92	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Crail	Crail Harbour   Fife Council	104	111	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Cramond	Crail Harbour   Fife Council	156	161	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Craster	<a href="https://ports.org.uk/port.asp?id=9">https://ports.org.uk/port.asp?id=9</a>	130	120	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Cromarty	Ports.org.uk / Cromarty	197	225	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Crombie Pier	Ports.org.uk / Crombie Pier	165	172	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Crovie	Ports.org.uk / Crovie	114	149	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Cullen	Ports.org.uk / Quick Search	136	169	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Dalgety Bay	Ports and Harbours – The Forth Estuary	155	161	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Dunbar	Home (dunbarharbourtrust.co.uk)	116	117	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Dundee	<a href="https://www.marinetraffic.com/en/ais/details/ports/735?name=DUNDEE&amp;country=United-Kingdom">https://www.marinetraffic.com/en/ais/details/ports/735?name=DUNDEE&amp;country=United-Kingdom</a>	112	126	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Dysart	Dysart Sailing Club - Home	138	145	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Elie	- Elie Harbour Trust Ltd : Elie Harbour Trust Ltd	118	125	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Eyemouth	Eyemouth Harbour Trust – Scotland's first port of call... (eyemouth-harbour.co.uk)	106	105	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Findhorn	Royal Findhorn Yacht Club - Welcome to Royal Findhorn Yacht Club	173	203	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Findochty	Findochty harbour - Moray Council	140	173	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Fisherrow	Findochty harbour - Moray Council	147	150	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Fortrose	harbour_information_f or_web-site.pdf https://canmore.org.uk/site/14386/fortrose-the-shore-harbour	197	224	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Fraserburgh	Fraserburgh Harbour Commissioners	103	138	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Gardenstown	Ports.org.uk / Introduction	114	149	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Gourdon	Overview - Gourdon - Aberdeenshire Harbours	65	88	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Grangemouth	Marine   Forth Ports	174	182	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Granton	Visitors : Royal Forth Yacht Club	152	157	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Hartlepool	Hartlepool Marinas, Hartlepool Marina Marinas	210	196	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Hawes Pier	Hawes Pier - the home of Forth Boat Tours.	160	166	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Hilton	Ports.org.uk / Hilton	194	223	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Hopeman	Ports.org.uk / Quick Search	167	198	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Hound Point Terminal	https://www.marinetraffic.com/en/ais/detail/s/ports/22137?name=HOUND-POINT-TERMINAL&country=United-Kingdom	157	163	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Inverkeithing	INVERKEITHING HARBOUR (LB49949)	156	163	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Inverness	Port Of Inverness   Deep Water Harbour In Scotland	198	225	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Johnshaven	Overview - Johnshaven - Aberdeenshire Harbours	68	90	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Kirkcaldy	Kirkcaldy, Dock And Harbour   Canmore	140	147	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Leith	Ports.org.uk / Leith	150	154	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Limekilns	Ports.org.uk / Limekilns	162	169	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Lindisfarne	The Lindisfarne Centre   Harbour - The Lindisfarne Centre	115	109	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Long Craig	Ports.org.uk / Long Craig	160	166	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Lossiemouth	Lossiemouth Marina Moray Scotland   Perfect for exploring the Moray Firth, Northern Isles and Northwest Europe	160	191	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Lower Largo	Lossiemouth Marina Moray Scotland   Perfect for exploring the Moray Firth, Northern Isles and Northwest Europe	123	131	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Macduff	LOWER LARGO Marina - Ports Directory	120	155	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Methil	METHIL Marina - Ports Directory	129	136	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Montrose	Montrose Port Authority: Your Gateway to the North Sea	76	95	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Nairn	Nairn harbour   Harbours   The Highland Council	183	211	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Newburgh (River Tay)	Nairn harbour   Harbours   The Highland Council	136	148	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Newhaven (Scotland)	Newhaven Edinburgh Scotland United Kingdom Cruise Port	151	156	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Newport-on-Tay	Newport Pier   Transport, People & Places   Newport on Tay: a special place	112	125	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Nigg	Ports.org.uk / Quick Search	197	226	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
North Berwick	North Berwick Harbour Trust Ltd	122	125	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
North Queensferry	NORTH QUEENSFERRY Port - Ports Directory	159	165	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Pennan	NORTH QUEENSFERRY Port - Ports Directory	111	146	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Perth	Coastal Port   Scotland   Perth Harbour	143	156	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Peterhead	Home   Peterhead Port Authority - Europe's Largest Fishing Port	78	113	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Pettycur	PETTYCUR PIER Marina - Ports Directory	145	151	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Pittenweem	PITTENWEEM Marina - Ports Directory	112	119	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Port Edgar	PITTENWEEM Marina - Ports Directory	161	167	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Port Erroll	Home	72	108	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Port Seton	Port Seton Visitor Guide - Accommodation, Things To Do & More   VisitScotland	140	143	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Portgordon	Portgordon - Visit Moray Speyside	143	175	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Portknockie	Portknockie harbour - Moray Council	139	172	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Portmahomack	Ports.org.uk / Quick Search	194	225	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Portsoy	Portsoy Recreational Harbour   by Aberdeenshire Council	129	163	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Rockfield	Ports website (www.ports.org.uk)	193	223	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Rosehearty	ROSEHEARTY Marina - Ports Directory	108	143	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Rosyth	ROSYTH Port - Ports Directory	161	168	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Sandend	SANDEND Marina - Ports Directory	132	166	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Sandhaven	https://ports.marinelink.com/ports/port/sandend	105	140	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Seacliff	Seacliff Harbour, United Kingdom - ports.com	119	121	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Seaham	http://ports.com/uk/united-kingdom/seacliff-harbour/	195	182	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Seahouses	SEAHOUSES Marina - Ports Directory	119	111	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Seaton Sluice	SEATON SLUICE Marina - Ports Directory	169	158	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
South Queensferry	https://ports.marinelink.com/ports/port/seaton-sluice	161	167	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
St Abbs	St Abbs Harbour   Visit Berwickshire Coast	106	105	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
St Andrews	Home	108	118	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
St Monans	St Monans Harbour   Fife Council	115	121	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Stonehaven	STONEHAVEN Marina - Ports Directory	63	89	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Sunderland	SUNDERLAND Port - Ports Directory	187	174	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Tayport	TAYPORT Marina - Ports Directory	108	121	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Tyne	TYNE Port - Ports Directory	178	166	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Usan	Fishtown Of Usan, Harbour   ScotlandsPlaces	76	94	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Warkworth Harbour	Warkworth Harbour	134	143	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
West Wemyss	WEST WEMYSS Marina - Ports Directory	135	142	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Whitehills	WHITEHILLS Marina - Ports Directory	124	159	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Wormit (Woodhaven)	Ports website (www.ports.org.uk)	116	128	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Aberdeen Harbour Board	Ports.org.uk / Quick Search	59	89	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Anstruther Harbour	Ports.org.uk / Quick Search	110	116	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Authority of Forth Ports Ltd	Ports.org.uk / Quick Search	99	106	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Authority of Forth Ports plc	Ports.org.uk / Quick Search	99	106	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Blyth Harbour Commission	Ports.org.uk / Quick Search	164	152	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Cellardyke Harbour	Ports.org.uk / Quick Search	109	115	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Crail Harbour	Ports.org.uk / Quick Search	104	111	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Eymouth Harbour	Ports.org.uk / Quick Search	106	105	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Montrose Harbour	Ports.org.uk / Quick Search	73	92	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Perth Harbour	Ports.org.uk / Quick Search	118	132	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Peterhead Bay Harbour	Peterhead Bay Marina   Peterhead Port Authority - Europe's Largest Fishing Port	77	112	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Peterhead Port Authority	Home   Peterhead Port Authority - Europe's Largest Fishing Port	74	109	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Pettycur Harbour	Ports.org.uk / Quick Search	145	151	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Pittenweem Harbour	Ports.org.uk / Quick Search	112	118	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Port Babcock Rosyth	Port Babcock Rosyth (parliament.scot)	161	168	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Port of Dundee	Port of Dundee - Dundee Waterfront	93	106	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Port of Sunderland Authority	Home   Port of Sunderland	182	169	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Port of Tyne	Port of Tyne, one of the UK's most efficient deep-sea ports   Port of Tyne	175	162	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Port of Tyne Authority	Ports.org.uk / Quick Search	175	162	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Seaham Port	Ports.org.uk / Quick Search	194	181	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
St. Monans Harbour	Ports.org.uk / Quick Search	114	121	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Sunderland	Ports.org.uk / Quick Search	182	169	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Tees and Hartlepool Port Authority	Home - Tees & Hartlepool Port Users Association (thpua.co.uk)	197	182	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Arbroath - Pontoon	06887 - New Pontoon - Arbroath Harbour   Marine Scotland Information	87	102	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Eymouth - Pontoon	Eymouth Harbour Trust - Scotland's first port of call... (eyemouth-harbour.co.uk)	106	105	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Findochty - Pontoon	Marine Licence - Pontoons - Findochty Harbour, Moray - 00009193   Marine Scotland Information	140	173	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Fraserburgh - Pontoon	Marine Licence - New Pontoon - Fraserburgh Harbour - 07231   Marine Scotland Information	103	138	Operational	High	f	f	d	d	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Montrose - Pontoon	Marine Licence - Pontoon - Montrose Port - 00009062   Marine Scotland Information	76	95	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
North Queensferry - Pontoon	Marine Licence - Pontoon - Small Harbour, North Queensferry - 07109   Marine Scotland Information	159	165	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Port Edgar - Pontoon	06804 - Installation of Temporary Pontoon - Port Edgar Marina, Midlothian   Marine Scotland Information	161	167	Operational	High	f	f	a	a	f	f	a	a	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d

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## **A.7 Cumulative effects matrix – Military and aviation temporal**

The Military, Aviation and Radar projects, plans and activities are shown in Apx Figure 4

### Appendix A: Military & Aviation - Temporal

Key	Project Status
	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

**Military and Aviation: Temporal**

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South if the projects are to be built sequentially).

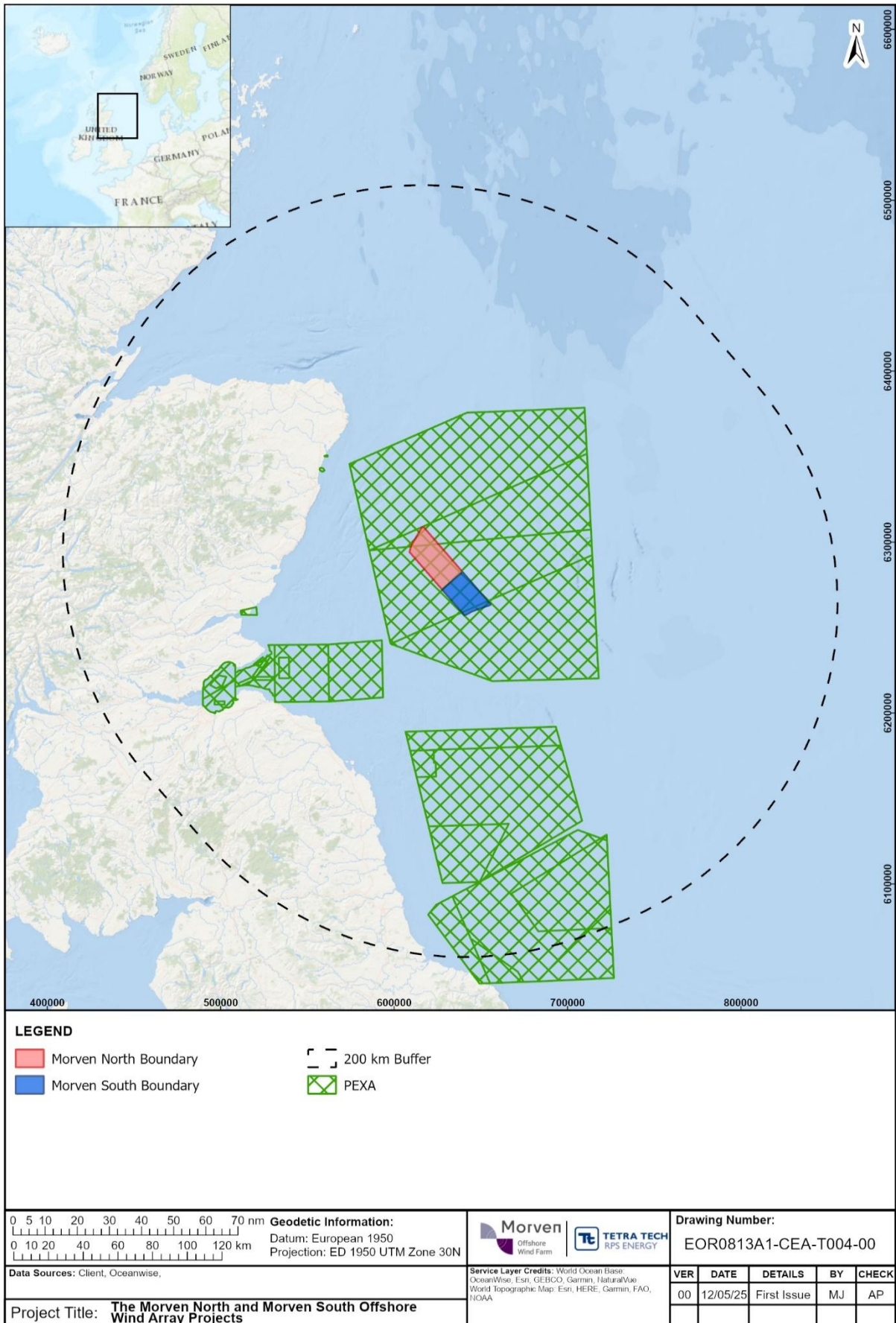
Project	Information in the Public Domain	Data Confidence Assessment	Capacity/ scale	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044 - 2050
<b>United Kingdom - Military &amp; Aviation within 200km of Morven North and Morven South</b>																									
<b>Tier 1</b>																									
Air Force Department D513: DRURIDGE BAY	Oceanwise Licenced dataset purchased for the project	High	Military practice area - Surface danger area, firing danger area	Operational																					
Air Force Department D513B: DRURIDGE BAY	Oceanwise Licenced dataset purchased for the project	High	Military practice area - Surface danger area, firing danger area	Operational																					
D323A	Oceanwise Licenced dataset purchased for the project	High	AIAA - Areas of Intense Aerial Activity	Operational																					
D323B	Oceanwise Licenced dataset purchased for the project	High	AIAA - Areas of Intense Aerial Activity	Operational																					
D323E	Oceanwise Licenced dataset purchased for the project	High	AIAA - Areas of Intense Aerial Activity	Operational																					
D323G	Oceanwise Licenced dataset purchased for the project	High	AIAA - Areas of Intense Aerial Activity	Operational																					
D412: STAXTON	Oceanwise Licenced dataset purchased for the project	High	surface danger area, firing danger area	Operational																					
Navy Department X5641: FORTH OUTER	Oceanwise Licenced dataset purchased for the project	High	Military practice area - Submarine exercise area, practice and exercise area (surface fleet)	Operational																					

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South if the projects are to be built sequentially).

Project	Information in the Public Domain	Data Confidence Assessment	Capacity/ scale	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044 - 2050
Navy Department X5642: FORTH MIDDLE	Oceanwise Licenced dataset purchased for the project	High	Military practice area - Submarine exercise area, practice and exercise area (surface fleet)	Operational																					
Navy Department X5615: FORTH DEEP	Oceanwise Licenced dataset purchased for the project	High	Military practice area - Practice and exercise area (surface fleet)	Operational																					
Navy Department X5614: MAY ISLAND	Oceanwise Licenced dataset purchased for the project	High	Military practice area - Practice and exercise area (surface fleet), submarine exercise area	Operational																					
Defense Training Estate (DTE) D604: BARRY BUDDON	Oceanwise Licenced dataset purchased for the project	High	Military practice area - Surface danger area, firing danger area	Operational																					
Army Department X5703: BLACK DOG	Oceanwise Licenced dataset purchased for the project	High	Military practice area - Practice and exercise area (surface fleet), submarine exercise area	Operational																					
Army Department X5722: DRUMS LINKS	Oceanwise Licenced dataset purchased for the project	High	Military practice area - firing danger area, small arms firing range, surface danger area, range	Operational																					
Army Department X5702: BINN HILL	Marine Scotland Maps NMPI	High	Military practice area - Practice and exercise area (surface fleet)	Operational																					
D613A - AIAA	Oceanwise Licenced dataset purchased for the project	High	Military practice area - Practice and exercise area - Area of Intense Aerial Activity	Operational																					
D613B - AIAA	Oceanwise Licenced dataset purchased for the project	High	Military practice area - Practice and exercise area - Area of Intense Aerial Activity	Operational																					
D613C - AIAA	Oceanwise Licenced dataset purchased for the project	High	Military practice area - Practice and exercise area - Area of Intense Aerial Activity	Operational																					
D613D - AIAA	Oceanwise Licenced dataset purchased for the project	High	Military practice area - Practice and exercise area - Area of Intense Aerial Activity	Operational																					
X5611: KIRKCALDY BAY	Oceanwise Licenced dataset purchased for the project	High	practice and exercise area (surface fleet)	Operational																					
X5612: ABERLADY BAY	Oceanwise Licenced dataset purchased for the project	High	practice and exercise area (surface fleet)	Operational																					

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South if the projects are to be built sequentially).

Project	Information in the Public Domain	Data Confidence Assessment	Capacity/ scale	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044 - 2050	
X5613N: KIRKCALDY	Oceanwise Licenced dataset purchsed for the project	High	submarine exercise area,practice and exercise area (surface fleet)	Operational																						
X5613S: ABERLADY	Oceanwise Licenced dataset purchsed for the project	High	submarine exercise area,practice and exercise area (surface fleet)	Operational																						
X5625: ANSTRUTHER	Oceanwise Licenced dataset purchsed for the project	High	practice and exercise area (surface fleet)	Operational																						
X5637: FIRTH OF FORTH (SOUTHERN)	Oceanwise Licenced dataset purchsed for the project	High	practice and exercise area (surface fleet)	Operational																						
X5638: FIRTH OF FORTH (NORTHERN)	Oceanwise Licenced dataset purchsed for the project	High	practice and exercise area (surface fleet)	Operational																						



ApX Figure 4: Military and aviation projects, plans and activities within 200km of Morven North and Morven South

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## **A.8 Cumulative effects matrix – Military and aviation spatial and screening**

**Appendix A: Military & Aviation - Spatial and Screening**

Key	Stage 3 screening criteria
a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment. <b>Screened out of assessment.</b>
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: <b>Screened in to assessment.</b>
c	Potential cumulative impact exists: <b>Screened in to assessment.</b>
d	No conceptual effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data confidence or availability: <b>Screened out of assessment.</b>
f	No physical effect-receptor overlap: <b>Screened out of assessment.</b>
g	No temporal overlap: <b>Screened out of assessment.</b>
h	Project has been withdrawn from development or operation: <b>Screened out of assessment.</b>

Project	Data source	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic-Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health		
						North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North
<b>United Kingdom - Military &amp; Aviation within 200km of Morven North and Morven South</b>																														
<b>Tier 1</b>																														
Air Force Department D513: DRURIDGE BAY	Marine Scotland - National Marine Plan Interactive	82	67	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Air Force Department D513B: DRURIDGE BAY	Marine Scotland - National Marine Plan Interactive	94	78	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
D323A	ENR-6-2.pdf <a href="https://www.google.com/maps/d/u/0/viewer?mid=1BktWMPYNUh6N5_IPngyq8jW80nAWXI8d&amp;femb=1&amp;ll=57.86784673596824%2C3.8551016391837747&amp;z=6">https://www.google.com/maps/d/u/0/viewer?mid=1BktWMPYNUh6N5_IPngyq8jW80nAWXI8d&amp;femb=1&amp;ll=57.86784673596824%2C3.8551016391837747&amp;z=6</a>	161	141	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
D323B	ENR-6-2.pdf <a href="https://www.google.com/maps/d/u/0/viewer?mid=1BktWMPYNUh6N5_IPngyq8jW80nAWXI8d&amp;femb=1&amp;ll=57.86784673596824%2C3.8551016391837747&amp;z=7">https://www.google.com/maps/d/u/0/viewer?mid=1BktWMPYNUh6N5_IPngyq8jW80nAWXI8d&amp;femb=1&amp;ll=57.86784673596824%2C3.8551016391837747&amp;z=7</a>	208	189	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
D323E	ENR-6-2.pdf <a href="https://www.google.com/maps/d/u/0/viewer?mid=1BktWMPYNUh6N5_IPngyq8jW80nAWXI8d&amp;femb=1&amp;ll=57.86784673596824%2C3.8551016391837747&amp;z=8">https://www.google.com/maps/d/u/0/viewer?mid=1BktWMPYNUh6N5_IPngyq8jW80nAWXI8d&amp;femb=1&amp;ll=57.86784673596824%2C3.8551016391837747&amp;z=8</a>	205	189	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
D323G	ENR-6-2.pdf <a href="https://www.google.com/maps/d/u/0/viewer?mid=1BktWMPYNUh6N5_IPngyq8jW80nAWXI8d&amp;femb=1&amp;ll=57.86784673596824%2C3.8551016391837747&amp;z=9">https://www.google.com/maps/d/u/0/viewer?mid=1BktWMPYNUh6N5_IPngyq8jW80nAWXI8d&amp;femb=1&amp;ll=57.86784673596824%2C3.8551016391837747&amp;z=9</a>	180	165	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
D412: STAXTON	ENR-6-2.pdf <a href="https://www.google.com/maps/d/u/0/viewer?mid=1BktWMPYNUh6N5_IPngyq8jW80nAWXI8d&amp;femb=1&amp;ll=57.86784673596824%2C3.8551016391837747&amp;z=10">https://www.google.com/maps/d/u/0/viewer?mid=1BktWMPYNUh6N5_IPngyq8jW80nAWXI8d&amp;femb=1&amp;ll=57.86784673596824%2C3.8551016391837747&amp;z=10</a>	172	150	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Navy Department X5641: FORTH OUTER	Marine Scotland - National Marine Plan Interactive	46	46	Operational	High	f	f	d	d	d	d	d	d	d	d	d	d	d	a	a	f	f	d	d	c	c	d	d	d	d
Navy Department X5642: FORTH MIDDLE	Marine Scotland - National Marine Plan Interactive	71	73	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
Navy Department X5615: FORTH DEEP	Marine Scotland - National Marine Plan Interactive	93	97	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Navy Department X5614: MAY ISLAND	Marine Scotland - National Marine Plan Interactive	95	102	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Defense Training Estate (DTE) D604: BARRY BUDDON	Marine Scotland - National Marine Plan Interactive	94	108	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
Army Department X5703: BLACK DOG	Marine Scotland - National Marine Plan Interactive	65	97	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	d	a	f	f	f	d	d	f	f	d	d	d	d

Project	Data source	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Army Department X5722: DRUMS LINKS	Marine Scotland - National Marine Plan Interactive	68	102	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	a	f	f	f	d	d	f	f	d	d	d	d
Army Department X5702: BINN HILL	Marine Scotland - National Marine Plan Interactive	151	182	Operational	High	f	f	d	d	d	d	d	d	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
D613A - AIAA	ENR-6-2.pdf <a href="https://www.google.com/maps/d/u/0/viewer?mid=1BktWMPYNuh6N5_IPngyq8jW80nAWXI8d&amp;femb=1&amp;ll=57.86784673596824%2C3.8551016391837747&amp;z=6">https://www.google.com/maps/d/u/0/viewer?mid=1BktWMPYNuh6N5_IPngyq8jW80nAWXI8d&amp;femb=1&amp;ll=57.86784673596824%2C3.8551016391837747&amp;z=6</a>	0	34	Operational	High	d	f	d	d	d	d	d	d	d	d	d	d	a	a	d	f	d	d	c	c	d	d	d	d
D613B - AIAA	ENR-6-2.pdf <a href="https://www.google.com/maps/d/u/0/viewer?mid=1BktWMPYNuh6N5_IPngyq8jW80nAWXI8d&amp;femb=1&amp;ll=57.86784673596824%2C3.8551016391837747&amp;z=6">https://www.google.com/maps/d/u/0/viewer?mid=1BktWMPYNuh6N5_IPngyq8jW80nAWXI8d&amp;femb=1&amp;ll=57.86784673596824%2C3.8551016391837747&amp;z=6</a>	0	18	Operational	High	d	d	d	d	d	d	d	d	d	d	d	d	a	a	d	f	d	d	c	c	d	d	d	d
D613C - AIAA	ENR-6-2.pdf	0	0	Operational	High	d	d	d	d	d	d	d	d	d	d	d	d	a	a	d	d	d	d	c	c	d	d	d	d
D613D - AIAA	ENR-6-2.pdf	17	0	Operational	High	d	d	d	d	d	d	d	d	d	d	d	d	a	a	f	d	d	d	c	c	d	d	d	d
X5611: KIRKCALDY BAY	Marine Scotland - National Marine Plan Interactive	128	135	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
X5612: ABERLADY BAY	Marine Scotland - National Marine Plan Interactive	138	142	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
X5613N: KIRKCALDY	Marine Scotland - National Marine Plan Interactive	120	127	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
X5613S: ABERLADY	Marine Scotland - National Marine Plan Interactive	125	131	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
X5625: ANSTRUTHER	Marine Scotland - National Marine Plan Interactive	104	109	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
X5637: FIRTH OF FORTH (SOUTHERN)	Marine Scotland - National Marine Plan Interactive	106	109	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d
X5638: FIRTH OF FORTH (NORTHERN)	Marine Scotland - National Marine Plan Interactive	101	107	Operational	High	f	f	d	d	f	f	d	d	d	d	d	d	f	f	f	f	d	d	f	f	d	d	d	d

## **Appendix B Cumulative effects matrix**

### **B.1 Cumulative effects matrix – Energy temporal**

The Energy projects, plans and activities are shown in Apx Figure 5









































							Energy: Temporal																																																
							Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).																																																
Project	Information in the Public Domain	Data Confidence Assessment	Capacity/ scale	Standardised Description	Status	Document referenced	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066-						
EMEC Fall of Warness - 4614	Crown Estate Scotland Data	High	Unavailable	Unavailable	In Planning	<a href="https://tethys.pnnl.gov/project-sites/emec-fall-warness-grid-connected-tidal-test-site">https://tethys.pnnl.gov/project-sites/emec-fall-warness-grid-connected-tidal-test-site</a>																																																	
EMEC Shapinsay Sound - 10829	Crown Estate Scotland Data	High	Unavailable	Unavailable	Operational	<a href="https://itportal.beis.gov.uk/EIP/pages/projects/EDFNConsent.pdf">https://itportal.beis.gov.uk/EIP/pages/projects/EDFNConsent.pdf</a>																																																	
Eynhallow Sound (Orkney)	Emodnet Human Activities	Low	Unavailable	Unavailable	Operational																																																		
Fair Head (north coast of County Antrim)	Emodnet Human Activities	High	Up to 100MW (up to 60)	Fair Head Tidal Array consists of up to 60 turbines at a capacity of 100MW.	Operational	Project Consenting Info   ORJIP																																																	
Flex Marine Power Ltd	CES	High	Minimal information available	Scottish Tidal Energy Site	Under Construction	<a href="https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/search?tags=tidal%2Cenergy%2520%2526%2520infrastructure%2520map%2Cwave">https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/search?tags=tidal%2Cenergy%2520%2526%2520infrastructure%2520map%2Cwave</a>																																																	
Holyhead Deep	The Crown Estate	High	Up to 80MW (up to 60 turbines)	Holyhead Deep consists of up to 60 turbines at a capacity of 80MW.	Operational	Marine Works (EIA) Regulations 2007 (as amended), Regulation 22 - EIA Consent Decision																																																	
Holyhead Deep 0.5MW Site	The Crown Estate	High	Unavailable	Unavailable	decommissioned	<a href="https://minesto.com/wp-content/uploads/2022/12/dg500-mnt-520-pln-0003_decommissioning_plan_b01.pdf">https://minesto.com/wp-content/uploads/2022/12/dg500-mnt-520-pln-0003_decommissioning_plan_b01.pdf</a> Minesto   Holyhead Deep																																																	
Inner Sound - 15827	Crown Estate Scotland Data	High	Unavailable	Unavailable	Operational	MeyGen Tidal Energy Project - Phase I   Tethys (pnnl.gov)																																																	
Milford Haven Estuary (META Phase 2) - Dale Roads	The Crown Estate	High	Unavailable	Unavailable	Operational	'Milestone' West Wales Green Hydrogen Production Project is One of the First in the UK																																																	
Milford Haven Estuary (META Phase 2) - East Pickard Bay	The Crown Estate	High	Unavailable	Unavailable	Operational	'Milestone' West Wales Green Hydrogen Production Project is One of the First in the UK																																																	
Milford Haven Estuary (META Phase 2) - Warrior Way	The Crown Estate	High	Unavailable	Unavailable	Operational	'Milestone' West Wales Green Hydrogen Production Project is One of the First in the UK																																																	
Noth Yell (Shetland)	Emodnet Human Activities	Medium	Up to 30kW (1 turbine)	North Yell consists of 1 turbine at a capacity of 30kW.	Operational	World first with Yell tidal generator   The Shetland Times Ltd																																																	
Orkney Islands	Emodnet Human Activities	High	Up to 30MW (up to 12 turbines)	Orkney Islands consists of up to 12 turbines at a capacity of 30MW.	Operational	The Project – Orkney Community Wind Farms																																																	
Sound of Islay	Emodnet Human Activities	Medium	Up to 10MW (up to 10 turbines)	Sound of Islay Tidal Array consists of up to 10 turbines at a capacity of 10MW.	Operational	Project Consenting Info   ORJIP																																																	



































							Energy: Temporal																																																												
							Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).																																																												
Project	Information in the Public Domain	Data Confidence Assessment	Capacity/ scale	Standardised Description	Status	Document referenced	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066-																		
Princess Elisabeth Zone Lot 2.2	Emodnet Human Activities	High	700MW	Belgium	Consenting/ Pre-Construction	Princess Elisabeth Island	Green	Green																																																											
Princess Elisabeth Zone Lot 3	Emodnet Human Activities	High	1400MW	Belgium	Consenting/ Pre-Construction	Princess Elisabeth Island	Green	Green																																																											
Ran Offshore Wind Farm	Emodnet Human Activities	High	1750MW	Sweden	Consenting/ Pre-Construction	Projects - OX2	Green	Green	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue													
Vidar	Emodnet Human Activities	High	2000 MW	Sweden	Consenting/ Pre-Construction	Energy Park Vidar	Green	Green	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue												
Vidar öst	Emodnet Human Activities	Medium	1230 MW 56 Floating Turbines	Sweden	Consenting/ Pre-Construction	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a> <a href="https://www.4coffshore.com/windfarms/sweden/vidar-east-sweden-se1g.html">https://www.4coffshore.com/windfarms/sweden/vidar-east-sweden-se1g.html</a>	Green	Green	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue							
Vindkraftpark Fyrskpet	Emodnet Human Activities	High	2,800MW 187 turbines	Sweden	Consenting/ Pre-Construction	<a href="https://www.skybornrenewables.com/markets/sweden/local/fyrskpet%20offshore">https://www.skybornrenewables.com/markets/sweden/local/fyrskpet%20offshore</a>	Green	Green	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue								
Ymer	Emodnet Human Activities	Medium	4 GW (270 Turbines)	Sweden	Consenting/ Pre-Construction	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>																																																													
<b>Tier 3</b>																																																																			
Arkona Vindkraftpark	Emodnet Human Activities	High	1000MW	Denmark minimal information available	Discontinued	Arkona Offshore – Eolus																																																													
Aurora	Emodnet Human Activities	High	5000MW	Sweden minimal information available	Failed proposal	The County Administrative Board gives green light to offshore wind farm Aurora off the coast of Sweden - OX2																																																													
Baltic Edge	Emodnet Human Activities	Low	1000MW	Sweden minimal information available	In Planning	Baltic Edge Floating Wind Farm - Concept/Early Planning - Sweden   TGS 4C   4C Offshore																																																													
Baltic Offshore Alpha	Emodnet Human Activities	Low	1960MW	Sweden minimal information available	Discontinued	Alpha Floating Wind Farm - Cancelled - Sweden   TGS 4C   4C Offshore																																																													
Baltic Offshore Beta	Emodnet Human Activities	Low	3340MW	Sweden minimal information available	Discontinued	Sweden halts 13 offshore wind farms in the Baltic Sea due to national security concerns																																																													
Baltic Offshore Delta North	Emodnet Human Activities	Low	2100MW	Sweden minimal information available	Discontinued	Sweden halts 13 offshore wind farms in the Baltic Sea due to national security concerns																																																													







**Energy: Temporal**  
**Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).**

Project	Information in the Public Domain	Data Confidence Assessment	Capacity/ scale	Standardised Description	Status	Document referenced	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066-				
Plotas B	Emodnet Human Activities	Low	Minimal information available	Lithuania minimal information available	In Planning	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>																																															
Plotas B2	Emodnet Human Activities	Low	Minimal information available	Lithuania minimal information available	In Planning	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>																																															
Plotas C	Emodnet Human Activities	Low	Minimal information available	Lithuania minimal information available	In Planning	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>																																															
Plotas C2	Emodnet Human Activities	Low	Minimal information available	Lithuania minimal information available	In Planning	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>																																															
E1	Emodnet Human Activities	Low	Minimal information available	Latvia - minimal information available	In Planning	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>																																															
E2	Emodnet Human Activities	Low	Minimal information available	Latvia - minimal information available	In Planning	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>																																															
E3	Emodnet Human Activities	Low	Minimal information available	Latvia - minimal information available	In Planning	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>																																															
E4	Emodnet Human Activities	Low	Minimal information available	Latvia - minimal information available	In Planning	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>																																															















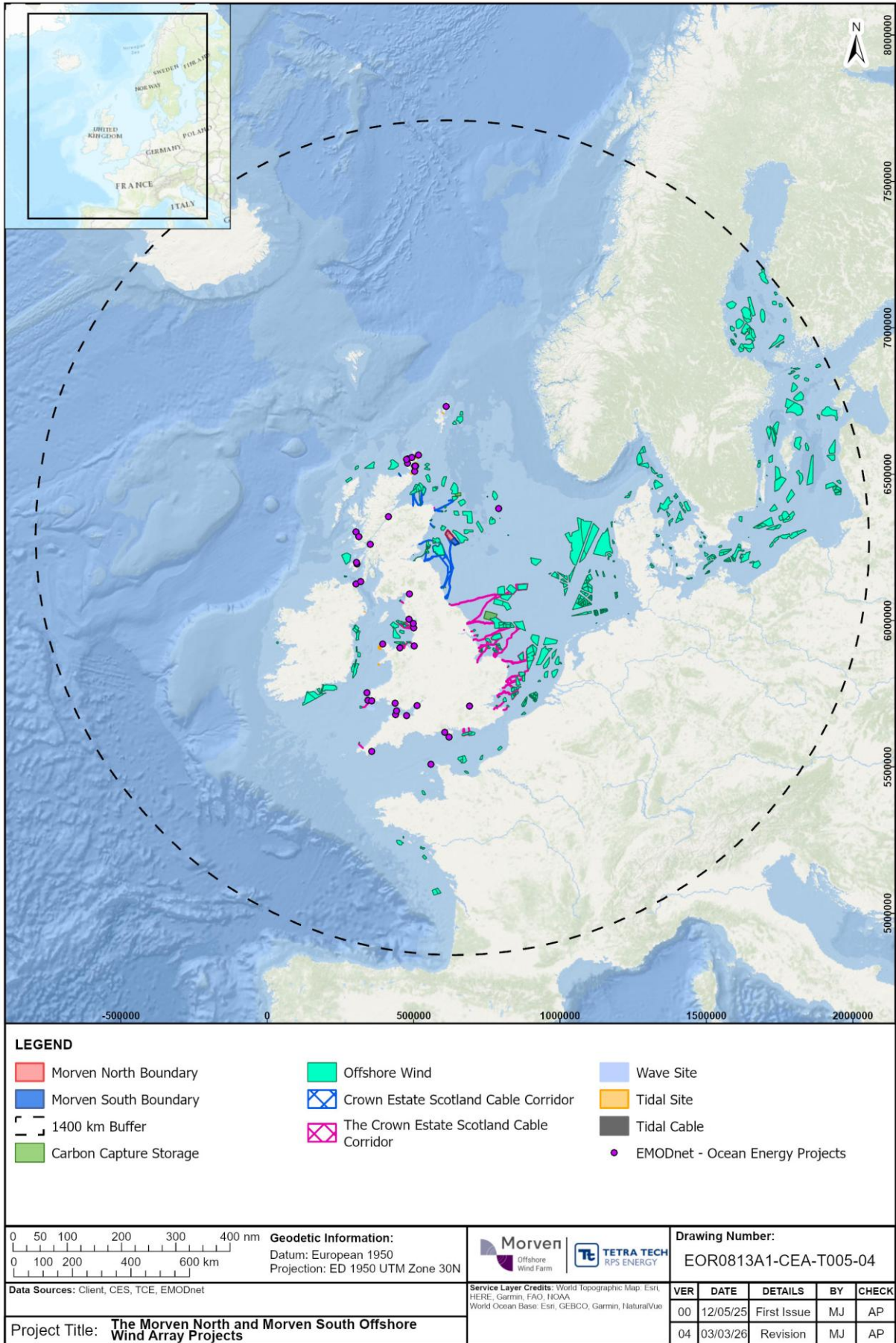












ApX Figure 5: Energy projects, plans and activities within 1400km of Morven North and Morven South

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## **B.2 Cumulative effects matrix – Energy spatial and screening**

### Appendix B: Energy Projects - Spatial and Screening

Key	Stage 3 screening criteria
a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment. <b>Screened out of assessment.</b>
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: <b>Screened in to assessment.</b>
c	Potential cumulative impact exists: <b>Screened in to assessment.</b>
d	No conceptual effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data confidence or availability: <b>Screened out of assessment.</b>
f	No physical effect-receptor overlap: <b>Screened out of assessment.</b>
g	No temporal overlap: <b>Screened out of assessment.</b>
h	Project has been withdrawn from development or operation: <b>Screened out of assessment.</b>

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
						North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South
<b>Offshore Wind Farms</b>																													
United Kingdom - Wind farms within Cumulative Study Area for offshore ornithology (to cover all of UK waters due to birds from potentially affected colonies in the breeding season occurring throughout UK waters in the non-breeding season)						North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South
<b>Tier 1</b>																													
Aberdeen Offshore Wind Farm	European Demo - S36 Variation to consent	63	95	Operational	High	f	f	c	c	b	b	a	a	c	c	b	b	a	a	f	f	c	c	f	f	a	a	a	a
INTOG: Aspen	The Aspen Project - Aspen	93	111	Application submitted/Awaiting decision	High	f	f	c	c	g	f	c	c	c	c	c	c	f	f	f	f	c	d	f	f	c	c	c	c
Awel y Mor	<a href="https://uk-ireland.rwe.com/project-proposals/awel-y-mor/">https://uk-ireland.rwe.com/project-proposals/awel-y-mor/</a>	384	376	Consented	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	a	a	a	a
Ayre Offshore Wind Farm	<a href="https://www.thistlewindpartners.scot/bowdun/">https://www.thistlewindpartners.scot/bowdun/</a>	214	246	Application submitted/Awaiting decision	High	f	f	d	d	f	f	c	c	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
Barrow	<a href="https://www.thewindpower.net/windfarm_en_1503_barrow.php">https://www.thewindpower.net/windfarm_en_1503_barrow.php</a>	323	316	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Beatrice Offshore Wind Farm - 18016	<a href="http://www.gov.scot/Resource/0041/00417203.pdf">http://www.gov.scot/Resource/0041/00417203.pdf</a>	179	214	Operational	High	f	f	d	d	f	f	a	a	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Berwick Bank	<a href="http://www.gov.scot/Resource/0041/00417203.pdf">http://www.gov.scot/Resource/0041/00417203.pdf</a>	32	34	Consented	High	f	f	c	c	c	c	c	c	c	c	c	c	c	c	f	f	c	c	c	c	c	c	c	c
Blyth Demo Phase 1	<a href="https://www.weamec.fr/en/synthesis/blyth-offshore-demonstrator-wind-farm-project/">https://www.weamec.fr/en/synthesis/blyth-offshore-demonstrator-wind-farm-project/</a>	161	149	Operational	High	f	f	d	d	f	f	a	a	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Blyth Demo Phase 3	<a href="https://www.weamec.fr/en/synthesis/blyth-offshore-demonstrator-wind-farm-project/">https://www.weamec.fr/en/synthesis/blyth-offshore-demonstrator-wind-farm-project/</a>	157	144	Operational	High	f	f	d	d	f	f	a	a	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Buchan	Power plant profile: Buchan Offshore Wind Project, UK (power-technology.com)	149	178	Application submitted/Awaiting decision	High	f	f	d	d	f	f	c	c	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
Burbo Bank	<a href="https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514_ps_burbo-bank-web_aw.ashx?la=en&amp;rev=fb2686e48e004d12b0e04a14dfc82696&amp;hash=DD9E2352B14CC817CA78895DC2FCE013">https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514_ps_burbo-bank-web_aw.ashx?la=en&amp;rev=fb2686e48e004d12b0e04a14dfc82696&amp;hash=DD9E2352B14CC817CA78895DC2FCE013</a>	371	363	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	a	a	a	a

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Burbo Bank Extension	<a href="https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514_ps_burbo-bank-extension-web_aw.ashx?la=en&amp;rev=704980bb76be4f66b08c39b2ac0ce565&amp;hash=249AF9E2446AF47A46F41D5F15E3FB82">https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514_ps_burbo-bank-extension-web_aw.ashx?la=en&amp;rev=704980bb76be4f66b08c39b2ac0ce565&amp;hash=249AF9E2446AF47A46F41D5F15E3FB82</a>	372	364	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Caledonia North Offshore Wind Farm	Volume-1-Chapter-5-Proposed-Development-Phasing.pdf	160	195	Application submitted/Awaiting decision	High	f	f	d	d	f	f	c	c	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
Caledonia South Offshore Wind Farm	Volume-1-Chapter-5-Proposed-Development-Phasing.pdf	146	181	Application submitted/Awaiting decision	High	f	f	d	d	f	f	c	c	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
INTOG: Cenosis	cenosis_eia_vol_2_-_chapter_5_-_project_description_redacted_0.pdf	130	124	Application submitted/Awaiting decision	High	f	f	c	c	f	f	c	c	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
INTOG: Culzean Demo	Scoping Report	168	163	Under Construction	High	f	f	c	c	f	f	a	a	c	c	c	c	f	f	f	f	d	d	f	f	a	a	c	c
Dogger Bank A (Creyke Beck A)	<a href="https://www.sserenewables.com/offshore-wind/projects/dogger-bank/">https://www.sserenewables.com/offshore-wind/projects/dogger-bank/</a>	252	227	Under Construction	High	f	f	d	d	f	f	a	a	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Dogger Bank B (Creyke Beck B)	<a href="https://www.sserenewables.com/offshore-wind/projects/dogger-bank/">https://www.sserenewables.com/offshore-wind/projects/dogger-bank/</a>	225	200	Under Construction	High	f	f	d	d	f	f	a	a	c	c	c	c	f	f	f	f	d	d	f	f	a	a	a	a
Dogger Bank C	<a href="https://www.sserenewables.com/offshore-wind/projects/dogger-bank/">https://www.sserenewables.com/offshore-wind/projects/dogger-bank/</a>	269	245	Under Construction	High	f	f	d	d	f	f	a	a	c	c	c	c	f	f	f	f	d	d	f	f	a	a	a	a
Dogger Bank South (East and West)	<a href="https://doggerbanksouth.co.uk/current-status/">https://doggerbanksouth.co.uk/current-status/</a> <a href="https://doggerbanksouth.co.uk/assets/images/pdf/Dogger-Bank-South-Non-Technical-Summary-June-2025.pdf">https://doggerbanksouth.co.uk/assets/images/pdf/Dogger-Bank-South-Non-Technical-Summary-June-2025.pdf</a> <a href="http://www.edf-er.com/LinkClick.aspx?fileticket=km412JEXwBA%3D&amp;nortalid=1">http://www.edf-er.com/LinkClick.aspx?fileticket=km412JEXwBA%3D&amp;nortalid=1</a>	248	224	Application submitted/Awaiting decision	High	f	f	d	d	f	f	c	c	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
Dudgeon	<a href="https://dudgeonoffshorewind.co.uk/">https://dudgeonoffshorewind.co.uk/</a>	391	372	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Dudgeon Extension Project	<a href="https://www.power-technology.com/marketdata/power-plant-profile-dudgeon-offshore-wind-farm-extension-project-uk/">https://www.power-technology.com/marketdata/power-plant-profile-dudgeon-offshore-wind-farm-extension-project-uk/</a>	383	364	Under Construction	High	f	f	d	d	f	f	f	f	c	c	c	c	f	f	f	f	d	d	f	f	a	a	a	a
East Anglia 1	<a href="https://www.scottishpowerrenewables.com/pages/east_anglia_one_background.aspx">https://www.scottishpowerrenewables.com/pages/east_anglia_one_background.aspx</a>	523	502	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
East Anglia 1 North	<a href="https://www.scottishpowerrenewables.com/pages/east_anglia_one_north.aspx">https://www.scottishpowerrenewables.com/pages/east_anglia_one_north.aspx</a>	507	486	Under Construction	High	f	f	d	d	f	f	f	f	c	c	c	c	f	f	f	f	d	d	f	f	a	a	a	a
East Anglia 2	<a href="https://www.scottishpowerrenewables.com/pages/east_anglia_two.aspx">https://www.scottishpowerrenewables.com/pages/east_anglia_two.aspx</a>	487	465	Under Construction	High	f	f	d	d	f	f	f	f	c	c	c	c	f	f	f	f	d	d	f	f	a	a	a	a
East Anglia 3	<a href="https://www.scottishpowerrenewables.com/pages/east_anglia_three.aspx">https://www.scottishpowerrenewables.com/pages/east_anglia_three.aspx</a>	514	494	Under Construction	High	f	f	d	d	f	f	f	f	c	c	c	c	f	f	f	f	d	d	f	f	a	a	a	a
Erebus Floating Wind Demo	<a href="https://www.principlepower.com/projects/erebus">https://www.principlepower.com/projects/erebus</a>	642	635	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	a	a	a	a
European Offshore Wind Deployment Centre - Previously Aberdeen Demo	<a href="https://group.vattenfall.com/uk/what-we-do/our-projects/european-offshore-wind-deployment-centre">https://group.vattenfall.com/uk/what-we-do/our-projects/european-offshore-wind-deployment-centre</a>	63	95	Operational	High	f	f	c	c	b	b	a	a	c	c	b	b	f	f	f	f	c	c	f	f	a	a	a	a
Five Estuaries	<a href="https://uk-ireland.rwe.com/project-proposals/five-estuaries/">https://uk-ireland.rwe.com/project-proposals/five-estuaries/</a> <a href="https://www.gov.uk/government/news/five-estuaries-offshore-wind-farm-development-consent-decision-announced">https://www.gov.uk/government/news/five-estuaries-offshore-wind-farm-development-consent-decision-announced</a>	547	528	Consented	High	f	f	d	d	f	f	f	f	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
Forthwind Demonstration Project	<a href="https://www.power-technology.com/marketdata/forthwind-offshore-wind-demonstration-project-uk/">https://www.power-technology.com/marketdata/forthwind-offshore-wind-demonstration-project-uk/</a> <a href="https://galloperwindfarm.com/about-galloper/#construction">https://galloperwindfarm.com/about-galloper/#construction</a>	129	136	Consented	Medium	f	f	c	c	f	f	a	a	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
Galloper	<a href="https://galloperwindfarm.com/about-galloper/#construction">https://galloperwindfarm.com/about-galloper/#construction</a>	544	525	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Greater Gabbard	<a href="https://www.sserenewables.com/offshore-wind/operational-wind-farms/greater-gabbard/">https://www.sserenewables.com/offshore-wind/operational-wind-farms/greater-gabbard/</a>	545	526	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Green Volt Floating Offshore Wind Farm	<a href="https://greenvoltfloatingwind.com/">https://greenvoltfloatingwind.com/</a>	103	128	Consented	High	f	f	c	c	f	f	c	c	c	c	c	c	f	f	f	f	d	d	f	f	a	a	a	a
Gunfleet Sands 1	<a href="https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514_gunfleet-sands-web_aw.ashx?la=en&amp;rev=363dbb3179f340ff9bdb5b23a512d37a&amp;hash=5f4c45df5f670cd7f041cfbe87543b50">https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514_gunfleet-sands-web_aw.ashx?la=en&amp;rev=363dbb3179f340ff9bdb5b23a512d37a&amp;hash=5f4c45df5f670cd7f041cfbe87543b50</a>	555	537	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Gunfleet Sands 2	<a href="https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514_gunfleet-sands-web_aw.ashx?la=en&amp;rev=363dbb3179f340ff9bdb5b23a512d37a&amp;hash=5f4c45df5f670cd7f041cfbe87543b50">https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514_gunfleet-sands-web_aw.ashx?la=en&amp;rev=363dbb3179f340ff9bdb5b23a512d37a&amp;hash=5f4c45df5f670cd7f041cfbe87543b50</a>	557	538	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Gunfleet Sands 3 Demo	<a href="https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514_gunfleet-sands-web_aw.ashx?la=en&amp;rev=363dbb3179f340ff9bdb5b23a512d37a&amp;hash=5f4c45df5f670cd7f041cfbe87543b50">https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514_gunfleet-sands-web_aw.ashx?la=en&amp;rev=363dbb3179f340ff9bdb5b23a512d37a&amp;hash=5f4c45df5f670cd7f041cfbe87543b50</a>	323	302	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Gwynt y Mor	<a href="https://www.power-technology.com/projects/gwynt-y-mor-offshore-wind-farm-north-wales/">https://www.power-technology.com/projects/gwynt-y-mor-offshore-wind-farm-north-wales/</a>	350	326	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Hornsea 1	<a href="https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms/hornsea1">https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms/hornsea1</a>	381	374	Operational	High	f	f	d	d	f	f	a	a	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Hornsea Project 2	<a href="https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms?gad=1&amp;gclid=EAlaQobChMxLlrlqL_wlVEpRoCR1MeAEgEAAAYASAAEgJ3ZvD_BwE">https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms?gad=1&amp;gclid=EAlaQobChMxLlrlqL_wlVEpRoCR1MeAEgEAAAYASAAEgJ3ZvD_BwE</a>	334	312	Operational	High	f	f	d	d	f	f	a	a	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Hornsea Project 3	<a href="https://hornseaproject3.co.uk/about-the-project">https://hornseaproject3.co.uk/about-the-project</a>	323	302	Under Construction	High	f	f	d	d	f	f	a	a	c	c	c	c	f	f	f	f	d	d	f	f	a	a	a	a
Hornsea Project 4	Orsted to discontinue the Hornsea 4 offshore wind project in its current form	297	277	Consented	Low	f	f	d	d	f	f	h	h	c	c	h	h	f	f	f	f	d	d	f	f	h	h	h	h
Humber Gateway	<a href="https://uk-ireland.rwe.com/locations/humber-gateway-offshore-wind-farm/">https://uk-ireland.rwe.com/locations/humber-gateway-offshore-wind-farm/</a>	288	268	Operational	Medium	f	f	d	d	f	f	a	a	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Hywind (Buchan Deep Demo)	<a href="https://windeurope.org/newsroom/news/a-breakthrough-for-offshore-wind-worlds-first-floating-wind-farm-opens-in-scotland/">https://windeurope.org/newsroom/news/a-breakthrough-for-offshore-wind-worlds-first-floating-wind-farm-opens-in-scotland/</a>	64	97	Operational	High	f	f	c	c	b	b	a	a	c	c	b	b	a	a	f	f	c	c	f	f	a	a	a	a
Inch Cape Offshore Wind Farm	<a href="https://www.inchcapewind.com/inch-cape-wind-farm-granted-consent-for-improved-offshore-proposal/">https://www.inchcapewind.com/inch-cape-wind-farm-granted-consent-for-improved-offshore-proposal/</a>	61	70	Under Construction	High	f	f	c	c	f	f	a	a	c	c	c	c	c	c	f	f	c	c	f	f	a	a	a	a
Inner Dowsing	<a href="https://www.power-technology.com/projects/lynnandinnerdowsing/">https://www.power-technology.com/projects/lynnandinnerdowsing/</a>	384	366	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Kentish Flats	<a href="https://powerplants.vattenfall.com/kentish-flats/">https://powerplants.vattenfall.com/kentish-flats/</a>	583	565	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Kentish Flats Extension	<a href="https://powerplants.vattenfall.com/kentish-flats-extension/">https://powerplants.vattenfall.com/kentish-flats-extension/</a>	583	565	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Kincardine Offshore Windfarm	<a href="https://www.principlepower.com/projects/kincardine-offshore-wind-farm">https://www.principlepower.com/projects/kincardine-offshore-wind-farm</a> ; <a href="https://www.grupocobra.com/en/proyecto/kincardine-offshore-floating-wind-farm/171543/S36">https://www.grupocobra.com/en/proyecto/kincardine-offshore-floating-wind-farm/171543/S36</a>   Application to vary consent under section 36C of the Electricity Act 1989 for the Kincardine Offshore Windfarm   Kincardine Offshore Windfarm 15km SE Of Aberdeen North Sea	43	72	Operational	High	f	f	c	c	c	d	a	a	c	c	b	b	a	a	f	f	c	c	c	f	a	a	a	a

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Lincs	<a href="https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms?gad=1&amp;gclid=EAlalQobChMI7C0rpqL_wlVmotoCR00ZwD5EAAAYASAAEgICSvD_BwE">https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms?gad=1&amp;gclid=EAlalQobChMI7C0rpqL_wlVmotoCR00ZwD5EAAAYASAAEgICSvD_BwE</a>	381	364	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
London Array	<a href="https://londonarray.com/">https://londonarray.com/</a>	565	547	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Lynn	<a href="http://www.renewables-map.co.uk/project.asp?pageid=2018&amp;pagename=Lynn%20Wind%20Farm">http://www.renewables-map.co.uk/project.asp?pageid=2018&amp;pagename=Lynn%20Wind%20Farm</a>	391	374	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Methil Demo	7MW Levenmouth Demonstration Turbine - ORE ( <a href="http://catapult.org.uk">catapult.org.uk</a> )	129	136	Operational	High	f	f	g	g	f	f	g	g	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Mona Offshore Wind Project	Welcome - Morecambe Offshore Windfarm Limited and Morgan Offshore Wind Limited ( <a href="http://morecambeandmorgan.com">morecambeandmorgan.com</a> )	354	350	Consented	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	c	c	c	c
Moray Offshore Windfarm (East) - 66600014	<a href="https://www.oceanwinds.com/projects/moray-east/">https://www.oceanwinds.com/projects/moray-east/</a>	163	198	Operational	High	f	f	d	d	f	f	a	a	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Moray Offshore Windfarm (West) - 66600008	<a href="https://www.oceanwinds.com/projects/moray-west/">https://www.oceanwinds.com/projects/moray-west/</a>	163	198	Operational	High	f	f	d	d	f	f	a	a	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Morecambe Offshore Wind Farm	Welcome - Morecambe Offshore Windfarm Limited and Morgan Offshore Wind Limited ( <a href="http://morecambeandmorgan.com">morecambeandmorgan.com</a> ) <a href="https://national-infrastructure-consenting.planninginspectorate.gov.uk/projects/EN010121">https://national-infrastructure-consenting.planninginspectorate.gov.uk/projects/EN010121</a>	347	340	Consented	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	c	c	c	c
Morgan Offshore Wind Project	Welcome - Morecambe Offshore Windfarm Limited and Morgan Offshore Wind Limited ( <a href="http://morecambeandmorgan.com">morecambeandmorgan.com</a> )	339	334	Discontinued	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	c	c	h	h
Morven North Offshore Wind Array Project	Morven North Project Design Envelope (PDE)	n/a	0	Application submitted/Awaiting decision	High	a	c	c	c	a	a	c	c	c	c	c	c	f	f	a	c	d	c	c	c	c	c	c	c
Morven South Offshore Wind Array Project	Morven North Project Design Envelope (PDE)	0	n/a	Application submitted/Awaiting decision	High	c	a	c	c	a	a	c	c	c	c	c	c	f	f	c	a	c	d	c	c	c	c	c	c
Muir Mhor Offshore Wind Farm	Power plant profile: Mara Mhor Floating Offshore Wind Project, UK ( <a href="http://power-technology.com">power-technology.com</a> )	58	77	Application submitted/Awaiting decision	High	f	f	c	c	c	c	c	c	c	c	c	c	c	f	f	c	c	f	f	c	c	c	c	c
Near Na Gaoithe Offshore Wind - 66600019	<a href="https://www.edf-re.uk/our-sites/near-na-gaoithe/">https://www.edf-re.uk/our-sites/near-na-gaoithe/</a>	80	85	Operational	High	f	f	c	c	f	f	a	a	c	c	b	b	a	a	f	f	c	c	f	f	a	a	a	a
Norfolk Boreas Offshore Windfarm	<a href="https://group.vattenfall.com/uk/what-we-do/our-projects/vattenfallinnorfolk/norfolk-boreas">https://group.vattenfall.com/uk/what-we-do/our-projects/vattenfallinnorfolk/norfolk-boreas</a>	451	427	Under Construction	High	f	f	d	d	f	f	f	f	c	c	c	c	f	f	f	f	d	d	f	f	a	a	a	a
Norfolk Vanguard East Offshore Windfarm	<a href="https://group.vattenfall.com/uk/what-we-do/our-projects/vattenfallinnorfolk/norfolk-vanguard">https://group.vattenfall.com/uk/what-we-do/our-projects/vattenfallinnorfolk/norfolk-vanguard</a>	453	431	Under Construction	High	f	f	d	d	f	f	f	f	c	c	c	c	f	f	f	f	d	d	f	f	a	a	a	a
Norfolk Vanguard West Offshore Windfarm	<a href="https://group.vattenfall.com/uk/what-we-do/our-projects/vattenfallinnorfolk/norfolk-vanguard">https://group.vattenfall.com/uk/what-we-do/our-projects/vattenfallinnorfolk/norfolk-vanguard</a>	453	431	Under Construction	High	f	f	d	d	f	f	f	f	c	c	c	c	f	f	f	f	d	d	f	f	a	a	a	a
North Falls	North Falls Offshore Wind Farm	540	522	Application submitted/Awaiting decision	High	f	f	d	d	f	f	f	f	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
North Hoyle	<a href="https://www.thewindpower.net/windfarm_en_7391_north-hoyle.php">https://www.thewindpower.net/windfarm_en_7391_north-hoyle.php</a>	385	377	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Ormonde	<a href="https://www.renewable-technology.com/projects/ormonde-offshore-wind-farm-irish-sea/">https://www.renewable-technology.com/projects/ormonde-offshore-wind-farm-irish-sea/</a>	318	312	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Ossian	<a href="https://www.crownstatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations">https://www.crownstatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations</a>	9	5	Application submitted/Awaiting decision	High	c	c	c	c	c	c	c	c	c	c	c	c	c	c	f	f	c	c	c	c	c	c	c	c

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Outer Dowsing	EN010130-000349-6.1 Non-Technical Summary.pdf	354	335	Consented	High	f	f	d	d	f	f	f	f	c	c	c	c	f	f	f	f	d	d	f	f	a	a	c	c
Pentland Floating Offshore Wind	<a href="https://pentlandfloatingwind.com/the-project/#offshore">https://pentlandfloatingwind.com/the-project/#offshore</a> <a href="https://cop.dk/pentland-floating-offshore-wind-farm-secures-contract-for-difference-cfd/">https://cop.dk/pentland-floating-offshore-wind-farm-secures-contract-for-difference-cfd/</a>	253	288	Under Construction	High	f	f	d	d	f	f	a	a	c	c	c	c	f	f	f	f	d	d	f	f	a	a	a	a
Race Bank	<a href="https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190423_ps_race-bank_a5-8pp-web_aw_v3.ashx?la=en&amp;rev=c32b3aad49ec466f97f3b88a5a29b7fb&amp;hash=E3B1E23FC8B04D99326CDC8600684323">https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190423_ps_race-bank_a5-8pp-web_aw_v3.ashx?la=en&amp;rev=c32b3aad49ec466f97f3b88a5a29b7fb&amp;hash=E3B1E23FC8B04D99326CDC8600684323</a>	377	358	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Rampion	<a href="https://www.rampionoffshore.com/">https://www.rampionoffshore.com/</a>	655	639	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Rampion 2 (Rampion Extension)	<a href="https://rampion2.com/consultation-proposals-2023-bolney/">https://rampion2.com/consultation-proposals-2023-bolney/</a>	656	640	Under Construction	High	f	f	d	d	f	f	f	f	c	c	c	c	f	f	f	f	d	d	f	f	a	a	a	a
Rhyl Flats	<a href="https://www.awjmarine.co.uk/fishery-liaison/rhyl-flats-wind-farm/">https://www.awjmarine.co.uk/fishery-liaison/rhyl-flats-wind-farm/</a>	395	387	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Robin Rigg East	<a href="https://uk-ireland.rwe.com/locations/robin-rigg-offshore-wind-farm/">https://uk-ireland.rwe.com/locations/robin-rigg-offshore-wind-farm/</a>	264	262	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Robin Rigg West	<a href="https://uk-ireland.rwe.com/locations/robin-rigg-offshore-wind-farm/">https://uk-ireland.rwe.com/locations/robin-rigg-offshore-wind-farm/</a>	268	265	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	a	a	a	a
INTOG: Salamander	AD.A.5 Offshore Planning Statement	75	106	Consented	High	f	f	c	c	f	f	c	c	c	c	c	c	c	c	f	f	c	d	f	f	a	a	c	c
Scroby Sands	<a href="https://uk-ireland.rwe.com/locations/scroby-sands-offshore-wind-farm/">https://uk-ireland.rwe.com/locations/scroby-sands-offshore-wind-farm/</a>	469	450	Operational	High	f	f	g	g	f	f	g	g	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Seagreen 1	<a href="https://www.sserenewables.com/offshore-wind/projects/seagreen/">https://www.sserenewables.com/offshore-wind/projects/seagreen/</a>	25	35	Operational	High	c	f	c	c	b	b	a	a	c	c	b	b	a	a	f	f	c	c	c	c	a	a	a	a
Seagreen 1A	A4 Report with Paragraph Numbering	41	52	Consented	High	f	f	c	c	c	c	a	a	c	c	c	c	d	d	f	f	c	c	c	f	a	a	c	c
Sheringham Shoal	<a href="http://sheringhamshoal.co.uk/">http://sheringhamshoal.co.uk/</a>	400	381	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Sheringham Shoal Extension	<a href="http://sheringhamshoal.co.uk/extensionproject/offshore-location">http://sheringhamshoal.co.uk/extensionproject/offshore-location</a>	393	374	Under Construction	High	f	f	d	d	f	f	f	f	c	c	c	c	f	f	f	f	d	d	f	f	a	a	a	a
Sofia	<a href="https://sofiawindfarm.com/project/#Timeline">https://sofiawindfarm.com/project/#Timeline</a>	248	224	Under Construction	High	f	f	d	d	f	f	a	a	c	c	c	c	f	f	f	f	d	d	f	f	a	a	a	a
Teesside	<a href="https://www.edf-re.uk/our-sites/teesside/">https://www.edf-re.uk/our-sites/teesside/</a>	214	200	Operational	High	f	f	d	d	f	f	a	a	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Thanet	<a href="https://powerplants.vattenfall.com/thanet/">https://powerplants.vattenfall.com/thanet/</a>	593	575	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Triton Knoll	<a href="https://uk-ireland.rwe.com/locations/triton-knoll/">https://uk-ireland.rwe.com/locations/triton-knoll/</a>	355	337	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Walney 1	<a href="https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514walney-1--2-webaw.ashx?la=en&amp;rev=42cdfa99bee6471eafce19a97b07344a&amp;hash=D461C0E55B40CF56592C440527B3E3A6">https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514walney-1--2-webaw.ashx?la=en&amp;rev=42cdfa99bee6471eafce19a97b07344a&amp;hash=D461C0E55B40CF56592C440527B3E3A6</a>	324	318	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Walney 2	<a href="https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514walney-1--2-webaw.ashx?la=en&amp;rev=42cdfa99bee6471eafce19a97b07344a&amp;hash=D461C0E55B40CF56592C440527B3E3A6">https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514walney-1--2-webaw.ashx?la=en&amp;rev=42cdfa99bee6471eafce19a97b07344a&amp;hash=D461C0E55B40CF56592C440527B3E3A6</a>	322	317	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Walney Extension (Walney 3 & 4/ Walney Extension East & West)	<a href="https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms/walney-extension">https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms/walney-extension</a>	325	319	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	a	a	a	a
Wave Hub	<a href="https://www.hexicongroup.com/mfn_news/hexicon-completes-wave-hub-ltd-acquisition-for-offshore-floating-wind-technology-demonstrator/">https://www.hexicongroup.com/mfn_news/hexicon-completes-wave-hub-ltd-acquisition-for-offshore-floating-wind-technology-demonstrator/</a>	755	747	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	a	a	a	a

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
West of Duddon Sands	<a href="https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms?gad=1&amp;gclid=Cj0KCQjwpPKiBhDvARIsACn-gzAtrRyVoEmsJ92rqvf1JLWW0gyF59qoN2c343-AvHsTljq4l5SkQAaAreQEALw_wcB">https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms?gad=1&amp;gclid=Cj0KCQjwpPKiBhDvARIsACn-gzAtrRyVoEmsJ92rqvf1JLWW0gyF59qoN2c343-AvHsTljq4l5SkQAaAreQEALw_wcB</a>	325	319	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	a	a	a	a
West of Orkney Wind Farm	Scoping Report (westoforkney.com)	276	311	Consented	High	f	f	d	d	f	f	f	f	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
Westermost Rough	<a href="https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms?gad=1&amp;gclid=EAlalQobChMlx9LI3quL_wlVcBYGAB2_MafxEAYASAAEgLFiPD_BwE">https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms?gad=1&amp;gclid=EAlalQobChMlx9LI3quL_wlVcBYGAB2_MafxEAYASAAEgLFiPD_BwE</a>	312	294	Operational	High	f	f	d	d	f	f	f	f	c	c	b	b	f	f	f	f	d	d	f	f	a	a	a	a
<b>Tier 2</b>																													
Arven	<a href="https://www.crownstatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations">https://www.crownstatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations</a>	366	390	Consenting/Pre-Construction	High	f	f	d	d	f	f	c	c	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
Bellrock Offshore Wind Farm	Home - Bellrock Wind	37	35	Consenting/Pre-Construction	High	f	f	c	c	c	c	c	c	c	c	c	c	c	c	f	f	c	c	c	c	c	c	c	c
Broadshore	Power plant profile: Broadshore, UK (power-technology.com)	141	174	Consenting/Pre-Construction	High	f	f	d	d	f	f	c	c	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
Bowdun	<a href="https://www.thistlewindpartners.scot/bowdun/">https://www.thistlewindpartners.scot/bowdun/</a>	10	44	Consenting/Pre-Construction	High	c	f	c	c	c	c	c	c	c	c	c	c	c	c	f	f	c	c	c	c	c	c	c	c
CampionWind	Shell hands back ScotWind lease risking £3bn of Scottish investment amid 'fierce headwinds'	67	68	Discontinued	High	f	f	c	c	f	f	h	h	e	e	c	c	h	h	f	f	c	c	f	f	c	c	h	h
Dogger Bank D	<a href="https://doggerbankd.com/">https://doggerbankd.com/</a>	214	214	Consenting/Pre-Construction	High	f	f	d	d	f	f	c	c	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
MarramWind	Power plant profile: Marram Wind Offshore Project, UK (power-technology.com)	125	150	Consenting/Pre-Construction	High	f	f	c	c	f	f	c	c	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
Machairwind	Timeline - ScottishPower Renewables	331	346	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	c	c	c	c
INTOG: Scaraben	Scaraben Offshore Wind   Harnessing the vast potential of floating offshore wind for the good of our planet	145	177	Consenting/Pre-Construction	High	f	f	d	d	f	f	c	c	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
ScotWind 1, Site 18: Arven	<a href="https://www.crownstatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations">https://www.crownstatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations</a>	362	388	Consenting/Pre-Construction	High	f	f	d	d	f	f	c	c	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
ScotWind 1, Site 15: Talisk Offshore Wind:	<a href="https://www.crownstatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations">https://www.crownstatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations</a>	372	403	Consenting/Pre-Construction	High	f	f	d	d	f	f	c	c	d	d	c	c	f	f	f	f	d	d	f	f	c	c	c	c
Stromar	<a href="https://www.crownstatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations">https://www.crownstatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations</a>	175	208	Consenting/Pre-Construction	High	f	f	d	d	f	f	c	c	c	c	c	c	f	f	f	f	d	d	f	f	c	c	c	c
<b>Tier 3</b>																													
Eastern Regions Zone	<a href="https://www.greeninvestmentgroup.com/en/news/2021/gig-and-total-successful-in-securing-seabed-lease-rights-to-jointly-develop-1-point-5-gw-offshore-wind-project.html">https://www.greeninvestmentgroup.com/en/news/2021/gig-and-total-successful-in-securing-seabed-lease-rights-to-jointly-develop-1-point-5-gw-offshore-wind-project.html</a>	335	335	Consenting/Pre-Construction	Low	f	f	d	d	f	f	e	e	e	e	c	c	f	f	f	f	d	d	f	f	c	c	e	e
Havbredey	Havbredey – Northland Power ScotWind	328	361	Consenting/Pre-Construction	High	f	f	d	d	f	f	c	c	e	e	c	c	f	f	f	f	d	d	f	f	c	c	c	c
INTOG: Sinclair	Power plant profile: Sinclair Floating Offshore Wind Project, UK	148	181	Consenting/Pre-Construction	Medium	f	f	g	g	f	f	c	c	e	e	c	c	f	f	f	f	d	d	f	f	c	c	c	c
INTOG: Flora	<a href="https://marine.gov.scot/ml/malin-sea-wind">https://marine.gov.scot/ml/malin-sea-wind</a>	63	94	Consenting/Pre-Construction	High	f	f	c	c	c	c	c	c	e	e	c	c	c	c	f	f	c	c	f	f	c	c	c	c
INTOG: Malin Sea Wind	<a href="https://marine.gov.scot/ml/flora-offshore-wind-farm">https://marine.gov.scot/ml/flora-offshore-wind-farm</a>	366	376	Consenting/Pre-Construction	High	f	f	g	g	f	f	f	f	e	e	c	c	f	f	f	f	d	d	f	f	c	c	c	c
INTOG: Beech	» Cerulean Winds » North Sea Renewables Grid (NSRG) » Floating Wind »	188	189	Consenting/Pre-Construction	High	f	f	c	c	f	f	c	c	e	e	c	c	f	f	f	f	d	d	f	f	c	c	c	c

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals	Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health		
INTOG: Cedar	<a href="https://www.offshorewindscotland.org.uk/the-offshore-wind-market-in-scotland/intog-leasing-round/">https://www.offshorewindscotland.org.uk/the-offshore-wind-market-in-scotland/intog-leasing-round/</a>	89	85	Consenting/Pre-Construction	High	f	f	c	c	c	c	c	c	e	e	c	c	c	c	f	f	c	c	f	f	c	c	c	c
INTOG: HE South (Judy)	<a href="https://www.offshorewindscotland.org.uk/the-offshore-wind-market-in-scotland/intog-leasing-round/">https://www.offshorewindscotland.org.uk/the-offshore-wind-market-in-scotland/intog-leasing-round/</a>	168	163	Consenting/Pre-Construction	High	f	f	d	d	f	f	c	c	e	e	c	c	f	f	f	f	d	d	f	f	c	c	c	c
Northland Mhairi Offshore Wind Farm	<a href="https://www.4coffshore.com/windfarms/united-kingdom/machairwind-united-kingdom-uk60.html">https://www.4coffshore.com/windfarms/united-kingdom/machairwind-united-kingdom-uk60.html</a>	328	361	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	c	c	e	e	c	c	f	f	f	f	d	d	f	f	c	c	c	c
ScotWind 1, Site 13: Offshore Wind Power Fixed (west of Orkney)	<a href="https://www.crownestatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations">https://www.crownestatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations</a>	276	311	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	e	e	c	c	f	f	f	f	d	d	f	f	c	c	c	c
ScotWind 1, Site 20: ESB Asset Development: Stoura	<a href="https://www.crownestatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations">https://www.crownestatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations</a>	395	420	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	e	e	c	c	f	f	f	f	d	d	f	f	c	c	c	c
Northland Sheena Offshore Wind Farm (Spiorad nà mara)	<a href="https://www.crownestatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations">https://www.crownestatescotland.com/news/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations</a>	370	398	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	e	e	c	c	f	f	f	f	d	d	f	f	c	c	c	c
<b>Belgium - Wind farms within Cumulative Study Area for offshore ornithology (to cover all of UK waters due to birds from potentially affected colonies in the breeding season occurring throughout UK waters in the non-breeding season)</b>																													
<b>Tier 1</b>																													
Belwind phase 1	Parkwind   Belwind	594	574	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Belwind phase 2 (Nobelwind) (Zone 1)	Power plant profile: Belwind (Bligh Bank) II, Belgium (power-technology.com)	594	573	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
C-Power	C-Power completes first wind farm in the Belgian North Sea - Marguerite	592	592	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
C-Power (Zone B)	C-Power completes first wind farm in the Belgian North Sea - Marguerite	612	592	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Mermaid	SeaMade Offshore Wind Farm, North Sea, Belgium (power-technology.com)	569	569	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Norther	Norther Offshore Wind Farm, Belgium EEZ (power-technology.com)	614	593	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Northwester 2	Northwester 2 Offshore Wind Farm, North Sea, Belgium (power-technology.com)	593	573	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Northwind	<a href="https://itportal.beis.gov.uk/EIP/pages/projects/Humber%20Gateway%20Offshore%20Wind%20Farm%20Consent%20Final.pdf">https://itportal.beis.gov.uk/EIP/pages/projects/Humber%20Gateway%20Offshore%20Wind%20Farm%20Consent%20Final.pdf</a>	583	583	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Rentel	Rentel Offshore Wind Farm, Belgian North Sea (power-technology.com)	607	587	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
SeaMade	SeaMade Offshore Wind Farm, North Sea, Belgium (power-technology.com)	600	580	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
<b>Denmark - Wind farms within Cumulative Study Area for offshore ornithology (to cover all of UK waters due to birds from potentially affected colonies in the breeding season occurring throughout UK waters in the non-breeding season)</b>																													
<b>Tier 1</b>																													
Horns Rev I	<a href="https://powerplants.vattenfall.com/horns-rev/">https://powerplants.vattenfall.com/horns-rev/</a>	547	528	Operational	High	f	f	d	d	f	f	g	g	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Horns Rev II	<a href="https://www.windpowermonthly.com/article/1663417/horns-rev-1-2-3-three-generations-turbine-output-analysed">https://www.windpowermonthly.com/article/1663417/horns-rev-1-2-3-three-generations-turbine-output-analysed</a>	529	510	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Horns Rev III	<a href="https://www.windpowermonthly.com/article/1663417/horns-rev-1-2-3-three-generations-turbine-output-analysed">https://www.windpowermonthly.com/article/1663417/horns-rev-1-2-3-three-generations-turbine-output-analysed</a>	525	507	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Nissum Bredning	<a href="https://www.thewindpower.net/windfarm_en_16856_nissum-bredning.php">https://www.thewindpower.net/windfarm_en_16856_nissum-bredning.php</a>	550	536	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Rønland	<a href="https://en.wikipedia.org/wiki/R%C3%B8nland_Offshore_Wind_Farm">https://en.wikipedia.org/wiki/R%C3%B8nland_Offshore_Wind_Farm</a>	535	535	Operational	Medium	f	f	d	d	f	f	g	g	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Thor - 2020 Tender	<a href="https://www.offshorewind.biz/2020/03/31/danes-detail-thor-offshore-wind-farm-tender/">https://www.offshorewind.biz/2020/03/31/danes-detail-thor-offshore-wind-farm-tender/</a>	489	489	Under Construction	High	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Vesterhav Nord	<a href="https://www.power-technology.com/projects/vesterhav-nord-and-syd-offshore-wind-project-north-sea-denmark/">https://www.power-technology.com/projects/vesterhav-nord-and-syd-offshore-wind-project-north-sea-denmark/</a>	537	523	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Vesterhav Syd	<a href="https://www.power-technology.com/projects/vesterhav-nord-and-syd-offshore-wind-project-north-sea-denmark/">https://www.power-technology.com/projects/vesterhav-nord-and-syd-offshore-wind-project-north-sea-denmark/</a>	540	523	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
<b>Tier 3</b>																													
Energø Nordsøen	<a href="https://northseaenergyisland.dk/en">https://northseaenergyisland.dk/en</a>	412	412	Discontinued	High	f	f	d	d	f	f	h	h	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f
Nordsøen I (A1, A2, A3)	<a href="https://web.archive.org/web/20230406060144/https://ens.dk/en/press/public-hearing-concerning-strategic-environmental-assessment-plan-offshore-wind-farms-nordsoen">https://web.archive.org/web/20230406060144/https://ens.dk/en/press/public-hearing-concerning-strategic-environmental-assessment-plan-offshore-wind-farms-nordsoen</a>	477	459	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Nordsøen II	<a href="https://www.4coffshore.com/windfarms/denmark/nords%c3%b8en-ii--screened-area---island-connection-denmark-dk49.html">https://www.4coffshore.com/windfarms/denmark/nords%c3%b8en-ii--screened-area---island-connection-denmark-dk49.html</a>	444	426	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Nordsøen III	Nordsøen I - A3 (dk0o) Offshore Wind Farm - Development Zone - Denmark   4C Offshore	434	420	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
<b>France - Wind farms within Cumulative Study Area for offshore ornithology (to cover all of UK waters due to birds from potentially affected colonies in the breeding season occurring throughout UK waters in the non-breeding season)</b>																													
<b>Tier 1</b>																													
Courseulles-sur-mer	Calvados Offshore Wind Project - Enbridge Inc. <a href="https://energymagz.com/37527/edf-delays-french-offshore-wind-project-to-2027-amid-technical-and-weather-challenges/">https://energymagz.com/37527/edf-delays-french-offshore-wind-project-to-2027-amid-technical-and-weather-challenges/</a>	787	772	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Dieppe Le Tréport	Dieppe Le Tréport offshore wind farm reaches Final Investment Decision and starts construction. - Ocean Winds	721	704	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Dunkerque	<a href="https://www.power-technology.com/data-insights/power-plant-profile-dunkirk-offshore-wind-farm-france/">https://www.power-technology.com/data-insights/power-plant-profile-dunkirk-offshore-wind-farm-france/</a>	635	616	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Fécamp	Fécamp Offshore Wind Project - Enbridge Inc.	739	723	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
<b>Tier 3</b>																													
Centre-Manche 1	<a href="https://www.offshorewind.biz/2023/03/27/breaking-france-selects-edf-and-maple-power-to-build-1-gw-offshore-wind-farm/">https://www.offshorewind.biz/2023/03/27/breaking-france-selects-edf-and-maple-power-to-build-1-gw-offshore-wind-farm/</a>	737	721	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Centre-Manche 2	<a href="https://www.power-technology.com/data-insights/power-plant-profile-centre-manche-2-wind-offshore-project-france/">https://www.power-technology.com/data-insights/power-plant-profile-centre-manche-2-wind-offshore-project-france/</a>	735	719	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
<b>Germany - Wind farms within Cumulative Study Area for offshore ornithology (to cover all of UK waters due to birds from potentially affected colonies in the breeding season occurring throughout UK waters in the non-breeding season)</b>																													
<b>Tier 1</b>																													
Albatros	<a href="http://www.gov.scot/Resource/0046/00460530.pdf">http://www.gov.scot/Resource/0046/00460530.pdf</a>	500	477	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Alpha Ventus	<a href="https://www.alpha-ventus.de/english">https://www.alpha-ventus.de/english</a>	550	527	Operational	high	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Amrumbank West	<a href="https://www.rwe.com/en/the-group/countries-and-locations/amrumbank-west-offshore-wind-farm/">https://www.rwe.com/en/the-group/countries-and-locations/amrumbank-west-offshore-wind-farm/</a>	579	557	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
BARD Offshore 1	<a href="http://www.seagreenwindenergy.com/offshore-scoping-phases2and3.asp">http://www.seagreenwindenergy.com/offshore-scoping-phases2and3.asp</a>	492	469	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Borkum Riffgrund 1	<a href="https://www.power-technology.com/projects/borkum-riffgrund-1-offshore-wind-farm/">https://www.power-technology.com/projects/borkum-riffgrund-1-offshore-wind-farm/</a>	546	523	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Borkum Riffgrund 2	<a href="https://www.power-technology.com/projects/borkum-riffgrund-2-offshore-windfarm-north-sea/">https://www.power-technology.com/projects/borkum-riffgrund-2-offshore-windfarm-north-sea/</a>	543	520	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Borkum Riffgrund 3	<a href="https://www.power-technology.com/projects/borkum-riffgrund-3-offshore-wind-farm-north-sea-germany/">https://www.power-technology.com/projects/borkum-riffgrund-3-offshore-wind-farm-north-sea-germany/</a> ; <a href="https://www.offshorewind.biz/2019/09/10/orsted-bundles-german-offshore-wind-projects/">https://www.offshorewind.biz/2019/09/10/orsted-bundles-german-offshore-wind-projects/</a>	520	497	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Butendiek	<a href="https://www.owp-butendiek.de/">https://www.owp-butendiek.de/</a>	561	541	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
DanTysk	<a href="http://www.gov.scot/Resource/0046/00460530.pdf">http://www.gov.scot/Resource/0046/00460530.pdf</a>	519	499	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Deutsche Bucht	<a href="http://sheringhamshoal.co.uk/downloads/2014_11_24%20application%20letter.pdf">http://sheringhamshoal.co.uk/downloads/2014_11_24%20application%20letter.pdf</a>	487	463	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
EnBW He dreiht	<a href="https://www.enbw.com/renewable-energy/wind-energy/our-offshore-wind-farms/he_dreih/">https://www.enbw.com/renewable-energy/wind-energy/our-offshore-wind-farms/he_dreih/</a>	477	477	Under Construction	High	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
EnBW Hohe See	<a href="https://itportal.beis.gov.uk/EIP/pages/projects/EDFNConsent.pdf">https://itportal.beis.gov.uk/EIP/pages/projects/EDFNConsent.pdf</a>	505	482	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
GlobalTech I	<a href="http://sheringhamshoal.co.uk/downloads/2014_11_24%20application%20letter.pdf">http://sheringhamshoal.co.uk/downloads/2014_11_24%20application%20letter.pdf</a>	503	481	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Gode Wind 01	<a href="https://www.power-technology.com/projects/gode-wind-1-and-2-offshore-wind-farms/">https://www.power-technology.com/projects/gode-wind-1-and-2-offshore-wind-farms/</a>	566	544	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Gode Wind 02	<a href="https://www.power-technology.com/projects/gode-wind-1-and-2-offshore-wind-farms/">https://www.power-technology.com/projects/gode-wind-1-and-2-offshore-wind-farms/</a>	565	542	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Gode Wind 3	<a href="https://www.power-technology.com/projects/gode-wind-3-offshore-wind-farm-north-sea-germany/">https://www.power-technology.com/projects/gode-wind-3-offshore-wind-farm-north-sea-germany/</a>	573	550	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Kaskasi II	<a href="https://www.power-technology.com/projects/kaskasi-offshore-wind-farm-north-sea-germany/">https://www.power-technology.com/projects/kaskasi-offshore-wind-farm-north-sea-germany/</a>	581	559	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Meerwind Sued/Ost	<a href="https://www.power-technology.com/projects/meerwind-sdost-wind-project-north-sea/">https://www.power-technology.com/projects/meerwind-sdost-wind-project-north-sea/</a>	586	565	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Merkur Offshore (MEG Offshore I)	<a href="http://sheringhamshoal.co.uk/downloads/2014_11_24%20application%20letter.pdf">http://sheringhamshoal.co.uk/downloads/2014_11_24%20application%20letter.pdf</a>	543	520	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
N-3.5	<a href="https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf">https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf</a>	559	536	Under Construction	Medium	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
N-3.6	<a href="https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf">https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf</a>	554	531	Under Construction	Medium	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
N-3.7	<a href="https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf">https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf</a>	572	550	Under Construction	High	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
N-3.8	<a href="https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf">https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf</a>	558	535	Under Construction	High	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Nordergruende	<a href="https://www.power-technology.com/projects/nordergrunde-offshore-windfarm/">https://www.power-technology.com/projects/nordergrunde-offshore-windfarm/</a>	647	624	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Nordsee One	<a href="https://www.nordseeone.com/">https://www.nordseeone.com/</a>	560	537	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Nordsee Ost	<a href="https://www.rwe.com/en/the-group/countries-and-locations/nordsee-ost-offshore-wind-farm/">https://www.rwe.com/en/the-group/countries-and-locations/nordsee-ost-offshore-wind-farm/</a>	582	561	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Riffgat	<a href="https://www.power-technology.com/marketdata/power-plant-profile-riffgat-germany/">https://www.power-technology.com/marketdata/power-plant-profile-riffgat-germany/</a>	564	540	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Sandbank	<a href="http://www.bobleroi.co.uk/ScrapBook/RedSandsRadio_15/ThanetNTSlr.pdf">http://www.bobleroi.co.uk/ScrapBook/RedSandsRadio_15/ThanetNTSlr.pdf</a>	495	475	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Trianel Windpark Borkum Phase 1	<a href="https://itportal.beis.gov.uk/EIP/pages/projects/EDFNConsent.pdf">https://itportal.beis.gov.uk/EIP/pages/projects/EDFNConsent.pdf</a>	536	513	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Trianel Windpark Borkum Phase 2	<a href="https://www.offshorewind.biz/2020/07/03/trianel-windpark-borkum-ii-commissioned/">https://www.offshorewind.biz/2020/07/03/trianel-windpark-borkum-ii-commissioned/</a>	538	515	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Veja Mate	<a href="https://itportal.beis.gov.uk/EIP/pages/projects/EDFNConsent.pdf">https://itportal.beis.gov.uk/EIP/pages/projects/EDFNConsent.pdf</a>	489	466	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
<b>Tier 3</b>																													
N-10.1	<a href="https://www.power-technology.com/data-insights/power-plant-profile-n-10-1-offshore-wind-project-germany/">https://www.power-technology.com/data-insights/power-plant-profile-n-10-1-offshore-wind-project-germany/</a>	483	461	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
N-10.2	<a href="https://www.power-technology.com/data-insights/power-plant-profile-n-10-2-offshore-wind-project-germany/">https://www.power-technology.com/data-insights/power-plant-profile-n-10-2-offshore-wind-project-germany/</a>	468	445	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
N-6.6	<a href="https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf">https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf</a>	494	471	Consenting/Pre-Construction	High	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
N-6.7	<a href="https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf">https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf</a>	485	461	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
N-7.2	<a href="https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf">https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf</a>	506	483	Consenting/Pre-Construction	High	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
N-9.1	<a href="https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf">https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf</a>	476	453	Consenting/Pre-Construction	High	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
N-9.2	<a href="https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf">https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf</a>	475	453	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
N-9.3	<a href="https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf">https://www.windguard.com/half-year-2022.html?file=files/cto_layout/img/unternehmen/windenergiestatistik/2022/Status%20of%20Offshore%20Wind%20Energy%20Development_First%20Half%202022.pdf</a>	468	445	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
N-9.4	<a href="https://www.power-technology.com/marketdata/power-plant-profile-n-9-4-offshore-wind-project-germany/">https://www.power-technology.com/marketdata/power-plant-profile-n-9-4-offshore-wind-project-germany/</a>	468	445	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
<b>Netherlands - Wind farms within Cumulative Study Area for offshore ornithology (to cover all of UK waters due to birds from potentially affected colonies in the breeding season occurring throughout UK waters in the non-breeding season)</b>																													
<b>Tier 1</b>																													
Borssele	<a href="https://www.noordzeeloket.nl/en/functions-and-use/offshore-wind-energy/free-passage-shared-use/borssele-wind-farm-zone/">https://www.noordzeeloket.nl/en/functions-and-use/offshore-wind-energy/free-passage-shared-use/borssele-wind-farm-zone/</a>	590	569	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Borssele Kavel* I	<a href="https://english.rvo.nl/information/offshore-wind-energy/borssele-wind-farm-sites-i-ii">https://english.rvo.nl/information/offshore-wind-energy/borssele-wind-farm-sites-i-ii</a>	592	571	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Borssele Kavel* II	<a href="https://english.rvo.nl/information/offshore-wind-energy/borssele-wind-farm-sites-i-ii">https://english.rvo.nl/information/offshore-wind-energy/borssele-wind-farm-sites-i-ii</a>	602	581	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Borssele Kavel* III	<a href="https://www.power-technology.com/projects/borssele-iii-iv-offshore-wind-farm/">https://www.power-technology.com/projects/borssele-iii-iv-offshore-wind-farm/</a>	596	576	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Borssele Kavel* IV	<a href="https://www.power-technology.com/projects/borssele-iii-iv-offshore-wind-farm/">https://www.power-technology.com/projects/borssele-iii-iv-offshore-wind-farm/</a>	590	569	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Borssele Kavel* V	<a href="https://sif-group.com/en/products-services/references/borssele-5-van-oord/">https://sif-group.com/en/products-services/references/borssele-5-van-oord/</a>	599	578	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
HKN Kavel V	<a href="https://www.rvo.nl/onderwerpen/windenergie-op-zee/hollandse-kust-noord-kavel-v">https://www.rvo.nl/onderwerpen/windenergie-op-zee/hollandse-kust-noord-kavel-v</a>	539	514	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
HKW Kavel VI	Hollandse Kust West Wind Farm - Site VI - Wind & water works	496	496	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
HKW Kavel VII	Hollandse Kust West Wind Farm - Site VI - Wind & water works	501	501	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Hollandse Kust (Noord)	<a href="https://www.crosswindhkn.nl/nl/">https://www.crosswindhkn.nl/nl/</a> ; <a href="https://www.eneco.com/wat-wedoen/duurzame-bronnen/windpark-hollandse-kust-noord/">https://www.eneco.com/wat-wedoen/duurzame-bronnen/windpark-hollandse-kust-noord/</a> ; <a href="https://english.rvo.nl/information/offshore-wind-energy/hollandse-kust-west-wind-farm-zone/">https://english.rvo.nl/information/offshore-wind-energy/hollandse-kust-west-wind-farm-zone/</a> ;	538	512	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Hollandse Kust (West)	<a href="https://www.noordzeeloket.nl/en/functions-and-use/offshore-wind-energy/free-passage-shared-use/hollandse-kust-west-wind-farm-zone/">https://www.noordzeeloket.nl/en/functions-and-use/offshore-wind-energy/free-passage-shared-use/hollandse-kust-west-wind-farm-zone/</a> ;	552	529	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Hollandse Kust (Zuid) (Kavel I - IV)	<a href="https://www.power-technology.com/projects/hollandse-kust-zuid-wind-farm-north-sea/">https://www.power-technology.com/projects/hollandse-kust-zuid-wind-farm-north-sea/</a> ; <a href="http://www.noordzeeloket.nl/en/functions-and-use/offshore-wind-energy/free-passage-shared-use/hollandse-kust-zuid-wind-farm-zone-including/">http://www.noordzeeloket.nl/en/functions-and-use/offshore-wind-energy/free-passage-shared-use/hollandse-kust-zuid-wind-farm-zone-including/</a> ;	563	539	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Egmond aan Zee	<a href="http://www.gov.scot/Resource/0046/00460530.pdf">http://www.gov.scot/Resource/0046/00460530.pdf</a>	531	531	Operational	High	f	f	d	d	f	f	g	g	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Gemini I Buitengaats	<a href="https://itportal.beis.gov.uk/EIP/pages/projects/EDFNConsent.pdf">https://itportal.beis.gov.uk/EIP/pages/projects/EDFNConsent.pdf</a>	515	491	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Gemini II ZeeEnergie	<a href="http://sheringhamshoal.co.uk/downloads/2014_11_24%20application%20letter.pdf">http://sheringhamshoal.co.uk/downloads/2014_11_24%20application%20letter.pdf</a>	507	483	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Princess Amalia	<a href="http://www.bobleroi.co.uk/ScrapBook/RedSandsRadio_15/ThanetNTSlr.pdf">http://www.bobleroi.co.uk/ScrapBook/RedSandsRadio_15/ThanetNTSlr.pdf</a>	552	527	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Eneco Luchterduinen	<a href="https://www.4coffshore.com/windfarms/netherlands/eneco-luchterduinen-netherlands-nl32.html">https://www.4coffshore.com/windfarms/netherlands/eneco-luchterduinen-netherlands-nl32.html</a>	567	543	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
<b>Tier 3</b>																													
Ijmuiden Ver	<a href="https://english.rvo.nl/information/offshore-wind-energy/ijmuiden-ver-wind-farm-zone">https://english.rvo.nl/information/offshore-wind-energy/ijmuiden-ver-wind-farm-zone</a>	463	463	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Ijmuiden Ver Noord	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	457	457	Consenting/Pre-Construction	Low	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Ten Noorden van de Waddeneilanden	<a href="https://english.rvo.nl/information/offshore-wind-energy/ten-noorden-van-de-waddeneilanden-wind-farm-zone">https://english.rvo.nl/information/offshore-wind-energy/ten-noorden-van-de-waddeneilanden-wind-farm-zone</a> ;	480	456	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
<b>Ireland - Wind farms within Cumulative Study Area for offshore ornithology (to cover all of UK waters due to birds from potentially affected colonies in the breeding season occurring throughout UK waters in the non-breeding season)</b>																													
<b>Tier 1</b>																													
Arklow Bank Phase 1	Arklow Bank Wind Park   SSE Renewables	530	527	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Arklow Bank Phase 2	<a href="https://www.sserenewables.com/offshore-wind/projects/arklow-bank-wind-park/Parkwind Oriel windfarm   Home">https://www.sserenewables.com/offshore-wind/projects/arklow-bank-wind-park/Parkwind Oriel windfarm   Home</a>	518	515	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Oriel Wind Farm	<a href="https://marinplanning.ie/data/files/Planning%20Documents/Planning%20Particulars/Oriel%20Wind%20Farm%20Project%20-%20An%20Bord%20Pleanala%20Cover%20Letter.pdf">https://marinplanning.ie/data/files/Planning%20Documents/Planning%20Particulars/Oriel%20Wind%20Farm%20Project%20-%20An%20Bord%20Pleanala%20Cover%20Letter.pdf</a>	437	437	Application submitted/Awaiting decision	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
<b>Tier 3</b>																													

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Clogherhead	<a href="https://www.power-technology.com/marketdata/power-plant-profile-clogherhead-ireland/?cf-view">https://www.power-technology.com/marketdata/power-plant-profile-clogherhead-ireland/?cf-view</a>	442	441	Consenting/Pre-Construction	Low	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Codling Wind Park	<a href="https://www.power-technology.com/news/codling-cow-foundation-design/?cf-view">https://www.power-technology.com/news/codling-cow-foundation-design/?cf-view</a>	490	490	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Codling Wind Park Extension	<a href="https://fredolsenrenewables.com/windfarm-collection/ireland/codling-bank-ii/">https://fredolsenrenewables.com/windfarm-collection/ireland/codling-bank-ii/</a>	497	493	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Cooley Point	<a href="https://www.power-technology.com/marketdata/cooley-point-offshore-wind-farm-ireland/?cf-view">https://www.power-technology.com/marketdata/cooley-point-offshore-wind-farm-ireland/?cf-view</a>	433	433	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Dublin Array	Timeline - Dublin Array	481	481	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Emerald Project	<a href="https://www.nsenrgybusiness.com/projects/emerald-floating-wind-project-ireland-celtic-sea/">https://www.nsenrgybusiness.com/projects/emerald-floating-wind-project-ireland-celtic-sea/</a>	710	708	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Inis Ealga Marine Energy Park	<a href="https://www.power-technology.com/data-insights/power-plant-profile-inis-ealga-fow-offshore-wind-farm-ireland/">https://www.power-technology.com/data-insights/power-plant-profile-inis-ealga-fow-offshore-wind-farm-ireland/</a>	672	669	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Kilmichael Point	<a href="https://www.power-technology.com/data-insights/power-plant-profile-kilmichael-point-offshore-wind-farm-ireland/">https://www.power-technology.com/data-insights/power-plant-profile-kilmichael-point-offshore-wind-farm-ireland/</a>	528	524	Discontinued	Medium	f	f	d	d	f	f	h	h	d	d	f	f	f	f	f	f	d	d	f	f	f	f	f	f
Magnora Offshore Wind	<a href="https://www.magnoraoffshorewind.com/2022/01/17/magnora-offshore-wind-successful-application-in-scotwind-leasing-round/">https://www.magnoraoffshorewind.com/2022/01/17/magnora-offshore-wind-successful-application-in-scotwind-leasing-round/</a>	372	403	In Planning	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Moneypoint Floating Offshore Wind Farm	<a href="https://www.power-technology.com/marketdata/power-plant-profile-moneypoint-floating-offshore-wind-farm-ireland/?cf-view">https://www.power-technology.com/marketdata/power-plant-profile-moneypoint-floating-offshore-wind-farm-ireland/?cf-view</a>	465	464	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
North Celtic Sea	Power plant profile: North Celtic Sea Wind Project, Ireland (power-technology.com)	632	629	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
North Irish Sea Array (NISA)	Power plant profile: NISA Offshore Demonstration Project, Ireland (power-technology.com)	437	437	Under Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Sceirde (Skerd) Rocks	<a href="https://www.power-technology.com/marketdata/skerd-rocks-ireland/">https://www.power-technology.com/marketdata/skerd-rocks-ireland/</a>	679	684	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Setanta Wind Park	Braymore Point Offshore Wind Project, Ireland (power-technology.com)	434	434	Consenting/Pre-Construction	Low	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
South Irish Sea Project	<a href="https://www.power-technology.com/data-insights/power-plant-profile-south-irish-sea-project-ireland/#:~:text=South%20Irish%20Sea%20Project%20is,developed%20in%20a%20single%20phase.">https://www.power-technology.com/data-insights/power-plant-profile-south-irish-sea-project-ireland/#:~:text=South%20Irish%20Sea%20Project%20is,developed%20in%20a%20single%20phase.</a>	524	520	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
<b>Tidal Farms</b>																													
<b>United Kingdom - Tidal farms within 800 km of Morven North and Morven South</b>																													
<b>Tier 1</b>																													
Anglesey (Morlais)	Project Consenting Info   ORJIP	422	417	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Bluemull Sound (Shetland)	INNOVATION (marine.gov.scot)	422	450	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Brough Ness	Marine Renewables in the Pentland Firth and Orkney Waters » Brough Ness	230	264	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Deer Sound, Orkney - 66600023 (Seabed)	<a href="https://marine.gov.scot/sites/default/files/supporting_information_0.pdf">https://marine.gov.scot/sites/default/files/supporting_information_0.pdf</a>	250	284	Operational	High	f	f	d	d	f	f	e	e	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
EMEC Fall of Warness - 4614	<a href="https://tethys.pnnl.gov/project-sites/emec-fall-warness-grid-connected-tidal-test-site">https://tethys.pnnl.gov/project-sites/emec-fall-warness-grid-connected-tidal-test-site</a>	267	300	In Planning	High	f	f	d	d	f	f	c	c	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
EMEC Shapinsay Sound - 10829	<a href="https://itportal.beis.gov.uk/EIP/pages/projects/EDFConsent.pdf">https://itportal.beis.gov.uk/EIP/pages/projects/EDFConsent.pdf</a>	255	289	Operational	High	f	f	d	d	f	f	g	g	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Eynhallow Sound (Orkney)	0	277	311	Operational	Low	f	f	d	d	f	f	g	g	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Fair Head (north coast of County Antrim)	Project Consenting Info   ORJIP	350	357	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Flex Marine Power Ltd	<a href="https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/search?tags=tidal%2Cenergy%2520%2526%2520infrastructure%2520map%2Cwave">https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/search?tags=tidal%2Cenergy%2520%2526%2520infrastructure%2520map%2Cwave</a>	320	332	Under Construction	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	c	c
Holyhead Deep	Marine Works (EIA) Regulations 2007 (as amended), Regulation 22 - EIA Consent Decision	437	432	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Holyhead Deep 0.5MW Site	<a href="https://minesto.com/wp-content/uploads/2022/12/dg500-mnt-520-pln-0003_decommissioning_plan_b01.pdf">https://minesto.com/wp-content/uploads/2022/12/dg500-mnt-520-pln-0003_decommissioning_plan_b01.pdf</a> Minesto   Holyhead Deep	440	436	decommissioned	High	f	f	d	d	f	f	g	g	d	d	f	f	f	f	f	f	d	d	f	f	d	d	d	d
Inner Sound - 15827	MeyGen Tidal Energy Project - Phase I   Tethys (pnnl.gov)	228	263	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Milford Haven Estuary (META Phase 2) - Dale Roads	'Milestone' West Wales Green Hydrogen Production Project is One of the First in the UK	606	599	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Milford Haven Estuary (META Phase 2) - East Pickard Bay	'Milestone' West Wales Green Hydrogen Production Project is One of the First in the UK	611	603	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Milford Haven Estuary (META Phase 2) - Warrior Way	'Milestone' West Wales Green Hydrogen Production Project is One of the First in the UK	602	594	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Noth Yell (Shetland)	World first with Yell tidal generator   The Shetland Times Ltd	423	451	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Orkney Islands	The Project – Orkney Community Wind Farms	245	279	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Sound of Islay	Project Consenting Info   ORJIP	318	330	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
St Catherine's Point (Isle of Wight)	TIDAL ENERGY CENTRE PLANS TO BE OPERATIONAL 'BY 2025' - Island Echo - 24hr news, 7 days a week across the Isle of Wight	671	656	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
St David's Head (Pembrokeshire)	Microsoft Word - ~qw81C (marineenergywales.co.uk)	593	587	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Yarmouth Harbour (Isle of Wight)	Yarmouth-Harbour-data-pack-EN.pdf	654	640	decommissioned	Medium	f	f	d	d	f	f	f	f	d	d	f	f	f	f	f	f	d	d	f	f	d	d	d	d
<b>Tier 2</b>																													
Connel Sound (Oban)	SME installs PLAT-I tidal platform - Offshore Energy <a href="https://en.openei.org/wiki/PRIMRE/Databases/Projects_Database/Projects/PLAT-I_Connel_Sound_Demonstration">https://en.openei.org/wiki/PRIMRE/Databases/Projects_Database/Projects/PLAT-I_Connel_Sound_Demonstration</a>	259	276	Decommissioned	Medium	f	f	d	d	f	f	f	f	d	d	f	f	f	f	f	f	d	d	f	f	d	d	d	d
Mull of Kintyre	Project Consenting Info   ORJIP	331	338	In Planning	Low	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Oran Na Mara	Nova Oran na Mara Tidal Energy Project   marine.gov.scot	318	330	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	e	e	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Westray South	Westray South Scoping Report October 2011 (pnnl.gov)	271	305	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	e	e	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
<b>Tier 3</b>																													
Channel Island of Alderney	Project Consenting Info   ORJIP	766	752	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	f	f
Colwyn Bay	Project Consenting Info   ORJIP	405	397	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Duddon Estuary	Project Consenting Info   ORJIP	304	298	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Fleetwood	Project Consenting Info   ORJIP	324	316	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	e	e	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Lashy Sound (between the islands of Eday and Sanday in Orkney)	UK Crown Estate says trio of tidal projects can move forward   Recharge (rechargenews.com)	275	308	Operational	Medium	f	f	d	d	f	f	e	e	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Liverpool	Project Consenting Info   ORJIP	380	371	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
London	Project Consenting Info   ORJIP	568	552	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Lynmouth (Bristol Channel)	Project Consenting Info   ORJIP	623	613	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Morecambe Bay	Project Consenting Info   ORJIP	311	303	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Ness of Duncansby	Ness of Duncansby Tidal Array   Tethys <a href="https://openei.org/wiki/PRIMRE/Databases/Projects_Database/Projects/Ness_of_Duncansby_Tidal_Array">https://openei.org/wiki/PRIMRE/Databases/Projects_Database/Projects/Ness_of_Duncansby_Tidal_Array</a>	225	260	Discontinued	Low	f	f	d	d	f	f	e	e	d	d	f	f	f	f	f	f	d	d	f	f	d	d	d	d
Newport	Project Consenting Info   ORJIP	575	563	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Perpetuus Tidal Energy Centre (PTEC)	Project Consenting Info   ORJIP	669	655	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	e	e	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Severn Estuary (Bristol Channel)	Project Consenting Info   ORJIP	610	599	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Solway Firth	Project Consenting Info   ORJIP	231	228	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	e	e	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Swansea Bay	Project Consenting Info   ORJIP	586	576	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
West Somerset	Project Consenting Info   ORJIP	617	605	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Yell Sound Array	Nova Innovation inks lease for 15MW tidal energy array at Yell Sound - Offshore Energy (offshore-energy.biz)	404	432	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	e	e	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
<b>Ocean Energy Projects - Wave</b>																													
<b>United Kingdom - Ocean Energy Projects within 800 km of Morven North and Morven South</b>																													
<b>Tier 1</b>																													
Billia Croo (near Stromness)	<a href="http://www.seagreenwindenergy.com/offshore-scoping-phases2and3.asp">http://www.seagreenwindenergy.com/offshore-scoping-phases2and3.asp</a>	266	301	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Brough Head (Orkney)	Brough-Head-Wave-Farm-Scoping-Report.pdf	279	314	Operational	High	f	f	d	d	f	f	e	e	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
EMEC Scapa Flow	Project Consenting Info   ORJIP	247	281	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Isle of Muck	Albatern WaveNet Device Isle of Muck Deployment (pnnl.gov)	306	326	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Marine Energy Test Areas (META)	META Wales - META Wales	603	595	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
<b>Tier 2</b>																													
Huntington Oil Field	Wave energy-powered buoy deployed at North Sea Huntington field   Offshore (offshore-mag.com)	181	179	Decommissioning	Medium	f	f	d	d	f	f	g	g	d	d	f	f	f	f	f	f	d	d	f	f	d	d	d	d
Markwick Head (Orkney)	Marwick Head Scoping Report FINAL 21_12_12 (pnnl.gov)	279	313	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Mingary Bay, near Kilchoan	Scottish waves to power a working fish farm - Offshore Energy (offshore-energy.biz)	296	315	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
South Pembrokeshire Demonstration Zone	Celtic Sea Power seeking environmental review for Pembrokeshire Demonstration Zone - Offshore Energy (offshore-energy.biz)	629	621	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
<b>Tier 3</b>																													
East Pickard Bay (Pembrokeshire)	Bombora advances 1.5MW Welsh wave demonstrator - reNews - Renewable Energy News	610	603	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Falmouth Bay	Project Consenting Info   ORJIP	759	768	Consenting/Pre-Construction	Low	f	f	d	d	f	f	e	e	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Milla Fjord	Wave Dragon Project - Milla Fjord Site   Tethys (pnnl.gov)	614	607	Discontinued	Medium	f	f	d	d	f	f	f	f	d	d	f	f	f	f	f	f	d	d	f	f	d	d	d	d
<b>Other - Offshore Export Cable Route and Carbon Capture Storage</b>																													
<b>United Kingdom - Wind cable agreements and Carbon Capture and Storage within Cumulative Study Area for offshore ornithology (to cover all of UK waters due to birds from potentially affected colonies in the breeding season occurring throughout UK waters in the non-breeding season)</b>																													
<b>Tier 1</b>																													
Aberdeen - OWF Export Cable	<a href="https://group.vattenfall.com/uk/what-we-do/our-projects/european-offshore-wind-deployment-centre">https://group.vattenfall.com/uk/what-we-do/our-projects/european-offshore-wind-deployment-centre</a>	66	98	Operational	High	f	f	c	c	b	b	a	a	d	d	b	b	a	a	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Acorn - CCS	<a href="https://www.erm.com/sustainability-report-2021/impact-with-clients/low-carbon-economy-transition/acorn-ccs-hydrogen-project/">https://www.erm.com/sustainability-report-2021/impact-with-clients/low-carbon-economy-transition/acorn-ccs-hydrogen-project/</a>	120	144	Under Construction	High	f	f	c	c	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Awel y Mor OFTO	Volume 2, Chapter 1: Offshore Project Description	390	383	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Barrow - OWF Export Cable	<a href="https://en.wikipedia.org/wiki/Offshore_transmission_owner">https://en.wikipedia.org/wiki/Offshore_transmission_owner</a>	311	303	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Beatrice - OWF Export Cable	<a href="http://www.gov.scot/Resource/0041/00417203.pdf">http://www.gov.scot/Resource/0041/00417203.pdf</a>	144	176	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Berwick Bank Export Cable - Branxton Connection	<a href="eor0766_berwick_bank_offshore_eia_-_chapter_03_-_project_description.pdf">eor0766_berwick_bank_offshore_eia_-_chapter_03_-_project_description.pdf</a>	56	52	Consented	High	f	f	c	c	f	f	c	c	d	d	c	c	f	f	f	f	d	d	f	f	d	d	c	c
Bluemull Sound - Tidal Export Cable	Cable Plan - Shetland Tidal Array (as extended) – Bluemull Sound, Shetland – 06642   <a href="http://marine.gov.scot">marine.gov.scot</a>	422	449	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Blyth Demo Phase 1 - OWF Export Cable	<a href="https://www.weamec.fr/en/synthesis/blyth-offshore-demonstrator-wind-farm-project/">https://www.weamec.fr/en/synthesis/blyth-offshore-demonstrator-wind-farm-project/</a>	161	150	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Blyth Demo Phase 2&3 - OWF Export Cable	<a href="https://www.weamec.fr/en/synthesis/blyth-offshore-demonstrator-wind-farm-project/">https://www.weamec.fr/en/synthesis/blyth-offshore-demonstrator-wind-farm-project/</a>	161	150	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Buchan - OWF Export Cable	<a href="bow_eia_volume_1_chapter_04_project_description.pdf">bow_eia_volume_1_chapter_04_project_description.pdf</a>	88	122	Consenting/Pre-Construction	High	f	f	c	c	d	f	c	c	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Burbo Bank - OWF Export Cable	<a href="https://en.wikipedia.org/wiki/Burbo_Bank_Offshore_Wind_Farm">https://en.wikipedia.org/wiki/Burbo_Bank_Offshore_Wind_Farm</a>	373	364	Operational	High	f	f	d	d	f	f	g	g	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Burbo Bank Extension - OWF Export Cable	<a href="https://en.wikipedia.org/wiki/Burbo_Bank_Offshore_Wind_Farm">https://en.wikipedia.org/wiki/Burbo_Bank_Offshore_Wind_Farm</a>	378	370	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Caledonia Offshore Wind Farm North Export Cable Route	Volume-1-Chapter-5-Proposed-Development-Phasing.pdf	124	159	Application submitted/Awaiting decision	High	f	f	d	d	f	f	d	d	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Caledonia Offshore Wind Farm South Export Cable Route	Volume-1-Chapter-5-Proposed-Development-Phasing.pdf	124	159	Application submitted/Awaiting decision	High	f	f	d	d	f	f	d	d	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Cambois Connection - OWF Export Cable for Berwick Bank	<a href="https://energynews.pro/en/cambois-welcomes-a-marine-cable-factory/">https://energynews.pro/en/cambois-welcomes-a-marine-cable-factory/</a>	32	34	Under Construction	High	f	f	c	c	c	c	c	c	d	d	c	c	f	f	f	f	d	d	c	c	d	d	d	d
Dogger Bank A - OWF Export Cable	<a href="http://www.4coffshore.com/windfarms/hunterston-test-centre-(onshore)-united-kingdom-uk86.html">http://www.4coffshore.com/windfarms/hunterston-test-centre-(onshore)-united-kingdom-uk86.html</a>	243	220	Under Construction	High	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Dogger Bank B - OWF Export Cable	<a href="https://www.centrica.com/about-us/our-brands/centrica-storage">https://www.centrica.com/about-us/our-brands/centrica-storage</a>	239	214	Under Construction	High	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Dogger Bank C Transmission Asset	<a href="https://www.sserenewables.com/offshore-wind/projects/dogger-bank/#:~:text=When%20fully%20complete%20in%202026,to%20Net%20Zero%20carbon%20emissions">https://www.sserenewables.com/offshore-wind/projects/dogger-bank/#:~:text=When%20fully%20complete%20in%202026,to%20Net%20Zero%20carbon%20emissions</a>	399	380	Under Construction	High	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Dudgeon Extension Deed of Variation	<a href="https://opendata-thecrownstate.opendata.arcgis.com/search?groupIds=f0d0ec92da76434d9e91f2e4dc6b3a99f">https://opendata-thecrownstate.opendata.arcgis.com/search?groupIds=f0d0ec92da76434d9e91f2e4dc6b3a99f</a>	526	507	Operational	Low	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Dudgeon - OWF Export Cable	<a href="https://dudgeonoffshorewind.co.uk/">https://dudgeonoffshorewind.co.uk/</a>	507	488	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
East Anglia 1 - OWF Export Cable	<a href="http://dudgeonoffshorewind.co.uk/about/consenting-documents">http://dudgeonoffshorewind.co.uk/about/consenting-documents</a> MMO public register	526	507	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
East Anglia 1 North - OWF Export Cable	<a href="https://www.scottishpowerrenewables.com/pages/east_anglia_one_north_and_two_up_date_dec2022.aspx">https://www.scottishpowerrenewables.com/pages/east_anglia_one_north_and_two_up_date_dec2022.aspx</a>	507	486	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
East Anglia 2 - OWF Export Cable	<a href="https://www.scottishpowerrenewables.com/pages/east_anglia_one_background.aspx">https://www.scottishpowerrenewables.com/pages/east_anglia_one_background.aspx</a>	507	488	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
East Anglia 3 - OWF Export Cable	<a href="https://corporate.vattenfall.co.uk/globalassets/uk/projects/norfolk-vanguard/consultation-peir-oct-2017/consultation-summary-document-october-2017/167-vattenfall-consultation-summary-report-oct-2017-print.pdf">https://corporate.vattenfall.co.uk/globalassets/uk/projects/norfolk-vanguard/consultation-peir-oct-2017/consultation-summary-document-october-2017/167-vattenfall-consultation-summary-report-oct-2017-print.pdf</a>	498	475	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Endurance - CCS	<a href="https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1079825/NS051-SS-REP-000-00010-Storage_Development_Plan.pdf">https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1079825/NS051-SS-REP-000-00010-Storage_Development_Plan.pdf</a>	268	248	Under Construction	High	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Erebus Transmission Asset	ORML2170 - Erebus ES Vol 1 Chapter 4 Proposed Development Description final.pdf	608	601	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Five Estuaries Transmission Asset	Volume 2, Chapter 1: Offshore Project Description	543	525	Consented	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	f	f
Galloper Export Cable	<a href="https://galloperwindfarm.com/about-galloper/#construction">https://galloperwindfarm.com/about-galloper/#construction</a>	514	495	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Greater Gabbard - OWF Export Cable	<a href="https://www.sserenewables.com/offshore-wind/operational-wind-farms/greater-gabbard/">https://www.sserenewables.com/offshore-wind/operational-wind-farms/greater-gabbard/</a>	514	495	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Green Volt - OWF Export Cable	250930/S36   Variation to S36 and marine licence for the windfarm and offshore transmission infrastructure for the export cable to landfall   East Of Aberdeenshire Coast	77	112	Consented	High	f	f	c	c	d	f	d	d	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Gunfleet Sands 1&2 - OWF Export Cable	<a href="https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514_gunfleet-sands-web_aw.ashx?la=en&amp;rev=363dbb3179f340ff9bdb5b23a512d37a&amp;hash=5f4c45df5f670cd7f041cfbe87543b49">https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514_gunfleet-sands-web_aw.ashx?la=en&amp;rev=363dbb3179f340ff9bdb5b23a512d37a&amp;hash=5f4c45df5f670cd7f041cfbe87543b49</a>	549	531	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Gwynt y Mor - OWF Export Cable	<a href="https://www.power-technology.com/projects/gwynt-y-mor-offshore-wind-farm-north-wales/">https://www.power-technology.com/projects/gwynt-y-mor-offshore-wind-farm-north-wales/</a>	388	380	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Hornsea 1 - OWF Export Cable	<a href="https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms/hornsea1">https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms/hornsea1</a>	346	327	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Hornsea Project 2 - OWF Export Cable	<a href="https://hornseaprojects.co.uk/hornsea-project-two">https://hornseaprojects.co.uk/hornsea-project-two</a>	343	322	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Hornsea Project 3 - OWF Export Cable	<a href="https://hornseaproject3.co.uk/news/2023/04/orsted-havfram">https://hornseaproject3.co.uk/news/2023/04/orsted-havfram</a>	364	340	Consenting/Pre-Construction	High	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Hornsea Project 4	<a href="https://hornseaprojects.co.uk/hornsea-project-four/about-the-project-4">https://hornseaprojects.co.uk/hornsea-project-four/about-the-project-4</a>	284	267	Discontinued	High	f	f	d	d	f	f	h	h	d	d	f	f	f	f	f	f	d	d	f	f	d	d	d	d
Humber Gateway OWF Export Cable	<a href="https://uk-ireland.rwe.com/locations/humber-gateway-offshore-wind-farm/">https://uk-ireland.rwe.com/locations/humber-gateway-offshore-wind-farm/</a>	333	315	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Hywind (Buchan Deep Demo) - OWF Export Cable	<a href="https://www.equinor.com/energy/hywind-scotland">https://www.equinor.com/energy/hywind-scotland</a>	66	99	Operational	High	f	f	c	c	b	b	a	a	d	d	a	a	a	a	f	f	d	d	f	f	d	d	d	d
Inch Cape Offshore Export Cable Route	IC01-EC-OFA-002-060-CHP-001_Chapter_6_Site_Selection_and_Alternatives_RevA-1.pdf (inchcapewind.com)	70	81	Under Construction	High	f	f	c	c	b	b	a	a	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Inner Dowsing - OWF Export Cable	<a href="https://www.power-technology.com/projects/lynnandinnersowing/">https://www.power-technology.com/projects/lynnandinnersowing/</a>	386	368	Operational	High	f	f	d	d	f	f	f	f	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d

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Inner Sound - Tidal Export Cable	<a href="https://tethys.pnnl.gov/project-sites/meygen-tidal-energy-project-phase-i">https://tethys.pnnl.gov/project-sites/meygen-tidal-energy-project-phase-i</a>	228	263	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
INTOG: Aspen Offshore Transmission Assets	<a href="https://www.aspenenergy.com/assets/docs/2018/07/10/aspens_owf_chapter_3_project_description_final.pdf">aspens_owf_chapter_3_project_description_final.pdf</a>	61	89	Application submitted/Awaiting decision	High	f	f	c	c	f	f	d	d	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Kentish Flats	<a href="https://powerplants.vattenfall.com/kentish-flats/">https://powerplants.vattenfall.com/kentish-flats/</a>	587	569	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Kincardine - OWF Export Cable	<a href="https://www.principlepower.com/projects/kincardine-offshore-wind-farm">https://www.principlepower.com/projects/kincardine-offshore-wind-farm</a>	47	76	Operational	High	f	f	c	c	c	f	a	a	d	d	a	a	a	a	f	f	d	d	c	f	d	d	d	d
Lincs - OWF Export Cable	<a href="http://www.renewables-map.co.uk/project.asp?pageid=2018&amp;pageName=Lynn%20Wind%20Farm">http://www.renewables-map.co.uk/project.asp?pageid=2018&amp;pageName=Lynn%20Wind%20Farm</a>	394	376	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
London Array - OWF Export Cable	<a href="https://londonarray.com/">https://londonarray.com/</a>	577	559	Operational	High	f	f	d	d	f	f	f	f	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Lynn - OWF Export Cable	<a href="http://www.renewables-map.co.uk/project.asp?pageid=2018&amp;pageName=Lynn%20Wind%20Farm">http://www.renewables-map.co.uk/project.asp?pageid=2018&amp;pageName=Lynn%20Wind%20Farm</a>	389	371	Operational	High	f	f	d	d	f	f	f	f	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Moray Offshore Windfarm (East) export cable - 66600014	<a href="https://www.oceanwinds.com/projects/moray-east/">https://www.oceanwinds.com/projects/moray-east/</a>	123	157	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Moray Offshore Windfarm (West) export cable - 66600008	<a href="https://www.oceanwinds.com/projects/moray-west/">https://www.oceanwinds.com/projects/moray-west/</a>	131	165	Operational	High	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
Neart na Gaoithe - OWF Export Cable	<a href="https://www.edf-re.uk/our-sites/neart-na-gaoithe/">https://www.edf-re.uk/our-sites/neart-na-gaoithe/</a>	85	89	Operational	High	f	f	c	c	f	f	a	a	d	d	b	b	a	a	f	f	d	d	f	f	d	d	d	d
Norfolk Boreas - OWF Export Cable	<a href="https://group.vattenfall.com/uk/what-we-do/our-projects/vattenfallinnorfolk/norfolk-boreas">https://group.vattenfall.com/uk/what-we-do/our-projects/vattenfallinnorfolk/norfolk-boreas</a>	442	423	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Norfolk Vanguard - OWF Export Cable	<a href="https://group.vattenfall.com/uk/what-we-do/our-projects/vattenfallinnorfolk/norfolk-vanguard">https://group.vattenfall.com/uk/what-we-do/our-projects/vattenfallinnorfolk/norfolk-vanguard</a>	447	428	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
North Falls Transmission Asset	<a href="https://www.environmental-impact-assessment-scoping-report.pdf">Environmental-Impact-Assessment-Scoping-Report.pdf</a>	454	527	Application submitted/Awaiting decision	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	f	f
North Hoyle - OWF Export Cable	<a href="https://www.thewindpower.net/windfarm_en_7391_north-hoyle.php">https://www.thewindpower.net/windfarm_en_7391_north-hoyle.php</a>	387	379	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Ormonde - OWF Export Cable	<a href="https://group.vattenfall.com/uk/what-we-do/our-projects/ormonde">https://group.vattenfall.com/uk/what-we-do/our-projects/ormonde</a>	309	301	Operational	High	f	f	d	d	f	f	f	f	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Outer Dowsing Transmission Asset	Document 8.5 Outline Cable Specification and Installation Plan	354	335	Application submitted/Awaiting decision	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	f	f
Pentland Floating - OWF Export Cable	<a href="https://pentlandfloatingwind.com/">https://pentlandfloatingwind.com/</a>	244	280	Under Construction	High	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Perpetuus Tidal Energy Centre (PTEC) - Tidal Export Cable	<a href="https://perpetuustidal.com/the-project-to-date/timeline/">https://perpetuustidal.com/the-project-to-date/timeline/</a>	666	651	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Race Bank - OWF Export Cable	<a href="https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190423_ps_race-bank_a5-8pp-web_aw_v3.ashx?la=en&amp;rev=c32b3aad49ec466f97f3b88a5a29b7fb&amp;hash=E3B1E23FC8B04D99326CDC8600684323">https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190423_ps_race-bank_a5-8pp-web_aw_v3.ashx?la=en&amp;rev=c32b3aad49ec466f97f3b88a5a29b7fb&amp;hash=E3B1E23FC8B04D99326CDC8600684323</a>	381	363	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Rampion - OWF Export Cable	<a href="https://www.rampion.com/en/press/rwe-renewables/2021-11-19-rampion-offshore-wind-farm-sale-of-transmission-assets/">https://www.rampion.com/en/press/rwe-renewables/2021-11-19-rampion-offshore-wind-farm-sale-of-transmission-assets/</a>	642	626	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Ramsey Sound - Tidal Export Cable	<a href="https://opendata-thecrownstate.opendata.arcgis.com/datasets/01930b03107441189bad40ec1b6636ba">https://opendata-thecrownstate.opendata.arcgis.com/datasets/01930b03107441189bad40ec1b6636ba</a>	595	589	Operational	High	f	f	d	d	f	f	f	f	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Rhyl Flats - OWF Export Cable	<a href="https://www.power-technology.com/marketdata/power-plant-profile-rhyl-flats-uk/">https://www.power-technology.com/marketdata/power-plant-profile-rhyl-flats-uk/</a>	397	389	Operational	High	f	f	d	d	f	f	f	f	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Robin Rigg - OWF Export Cable	Microsoft Word - Front_Page_May_2008.doc (cumbria.gov.uk)	267	264	Operational	High	f	f	d	d	f	f	f	f	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Salamander - OWF Export Cable	ER.A.2.4 Project Description	81	116	Consented	High	f	f	c	c	d	f	d	d	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Scroby Sands - OWF Export Cable	<a href="https://uk-ireland.rwe.com/locations/scroby-sands-offshore-wind-farm/">https://uk-ireland.rwe.com/locations/scroby-sands-offshore-wind-farm/</a>	472	453	Operational	High	f	f	d	d	f	f	f	f	d	d	g	g	f	f	f	f	d	d	f	f	d	d	d	d
Seagreen 1A - OWF Export Cable	<a href="https://infrastructure.planninginspectorate.gov.uk/document/EN010032-001699">https://infrastructure.planninginspectorate.gov.uk/document/EN010032-001699</a>	41	52	Under Construction	High	f	f	c	c	c	f	c	c	d	d	c	c	f	f	f	f	d	d	c	f	d	d	d	d
Seagreen Phase 1 - OWF Export Cable	<a href="https://www.sserenewables.com/offshore-wind/projects/seagreen/">https://www.sserenewables.com/offshore-wind/projects/seagreen/</a>	40	52	Operational	High	f	f	c	c	c	f	a	a	d	d	b	b	a	a	f	f	d	d	c	f	d	d	d	d
Sheringham Shoal - OWF Export Cable	<a href="http://sheringhamshoal.co.uk/">http://sheringhamshoal.co.uk/</a>	407	388	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Sofia - OWF Export Cable	<a href="http://www.edf-er.com/LinkClick.aspx?fileticket=kM4l2JEXwBA%3D&amp;portalid=1">http://www.edf-er.com/LinkClick.aspx?fileticket=kM4l2JEXwBA%3D&amp;portalid=1</a>	212	195	Under Construction	High	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
Teesside - OWF Export Cable	<a href="http://www.dongenergy.co.uk/uk-business-activities/wind-power/offshore-wind-farms-in-the-uk/lincs-offshore-wind-farm">http://www.dongenergy.co.uk/uk-business-activities/wind-power/offshore-wind-farms-in-the-uk/lincs-offshore-wind-farm</a>	216	202	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Thanet - OWF Export Cable	<a href="https://powerplants.vattenfall.com/thanet/">https://powerplants.vattenfall.com/thanet/</a>	598	579	Operational	High	f	f	d	d	f	f	f	f	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Triton Knoll - OWF Export Cable	<a href="https://uk-ireland.rwe.com/locations/triton-knoll/">https://uk-ireland.rwe.com/locations/triton-knoll/</a>	363	345	Operational	High	f	f	d	d	f	f	f	f	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Walney 1 - OWF Export Cable	<a href="https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514walney-1--2-webaw.ashx?la=en&amp;rev=42cdfa99bee6471eafce19a97b07344a&amp;hash=D461C0E55B40CF56592C440527B3E3A6">https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514walney-1--2-webaw.ashx?la=en&amp;rev=42cdfa99bee6471eafce19a97b07344a&amp;hash=D461C0E55B40CF56592C440527B3E3A6</a>	311	303	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Walney 2 - OWF Export Cable	<a href="https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514walney-1--2-webaw.ashx?la=en&amp;rev=42cdfa99bee6471eafce19a97b07344a&amp;hash=D461C0E55B40CF56592C440527B3E3A6">https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/updated-project-summaries-06-19/190514walney-1--2-webaw.ashx?la=en&amp;rev=42cdfa99bee6471eafce19a97b07344a&amp;hash=D461C0E55B40CF56592C440527B3E3A6</a>	323	317	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Walney Extension - OWF Export Cable	<a href="https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms/walney-extension">https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms/walney-extension</a>	314	306	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
West of Duddon Sands - OWF Export Cable	<a href="https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms?gad=1&amp;gclid=Cj0KCQjwpPKiBhDvARIsACn-gzAtrRyVoEmsJ92rqvf1JLWW0gyF59qoN2c343-AvHsTljq4l5SkQAaAreQEALw_wcB">https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms?gad=1&amp;gclid=Cj0KCQjwpPKiBhDvARIsACn-gzAtrRyVoEmsJ92rqvf1JLWW0gyF59qoN2c343-AvHsTljq4l5SkQAaAreQEALw_wcB</a>	314	305	Operational	High	f	f	d	d	f	f	f	f	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Westermost Rough - OWF Export Cable	<a href="https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms?gad=1&amp;gclid=EA1aIQobChMx9Ll3quL_wIVcBYGAB2_MafxEAAAYASAAEgLFIPD_BwE">https://orsted.co.uk/energy-solutions/offshore-wind/our-wind-farms?gad=1&amp;gclid=EA1aIQobChMx9Ll3quL_wIVcBYGAB2_MafxEAAAYASAAEgLFIPD_BwE</a>	316	299	Operational	High	f	f	d	d	f	f	f	f	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d

Tier 2

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Morven Hawthorn Pit Grid Connection Project	Morven Wind Farm - Consultation Brochure	0	0	Consenting/Pre-Construction	Medium	c	c	c	c	a	a	c	c	d	d	c	c	f	f	c	c	d	d	c	c	c	c	c	c
Ossian - OWF Export cable	EN0210006-000003-Ossian Transmission Infrastructure Scoping Report Part 1.pdf	9	5	Consenting/Pre-Construction	High	c	c	c	c	c	c	c	c	d	d	c	c	f	f	f	f	d	d	c	c	d	d	d	d
Wave Hub - OWF Export Cable	<a href="https://www.hexicongroup.com/mfn_news/hexicon-completes-wave-hub-ltd-acquisition-for-offshore-floating-wind-technology-demonstrator/">https://www.hexicongroup.com/mfn_news/hexicon-completes-wave-hub-ltd-acquisition-for-offshore-floating-wind-technology-demonstrator/</a>	751	751	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
<b>Tier 3</b>																													
Morven Branxton Area Grid Connection Project	0	0	0	In Planning	Low	c	c	c	c	a	a	c	c	d	d	e	e	f	f	c	c	d	d	c	c	c	c	c	c
Dogger Bank D - OWF Export Cable	download	214	214	Consenting/Pre-Construction	High	f	f	d	d	f	f	a	a	d	d	c	c	f	f	f	f	d	d	f	f	d	d	d	d
BP Exploration Operating Company Limited	<a href="https://opendata-thecrownestate.opendata.arcgis.com/datasets/8cae2b24b1f6457c8311af3e794246d3">https://opendata-thecrownestate.opendata.arcgis.com/datasets/8cae2b24b1f6457c8311af3e794246d3</a>	248	268	Consenting/Pre-Construction	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	e	e	d	d	e	e	d	d	e	e
<b>Export cables included within the HND(FUE) within 200km of Morven North and Morven South</b>																													
<b>Tier 3</b>																													
SW_E1a HND FUE HVDC to Hurlie	<a href="https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf">https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf</a>	n/a	n/a	In Planning	Low	c	c	e	e	e	e	e	e	d	d	e	e	f	f	e	e	d	d	e	e	d	d	e	e
SW_E1a HND FUE HVDC to Hawthorn Pit	<a href="https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf">https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf</a>	n/a	n/a	In Planning	Low	c	c	e	e	e	e	e	e	d	d	e	e	f	f	e	e	d	d	e	e	d	d	e	e
SW_E1a HND FUE HVDC to Lincolnshire Connection Node	<a href="https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf">https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf</a>	n/a	n/a	In Planning	Low	c	c	e	e	e	e	e	e	d	d	e	e	f	f	e	e	d	d	e	e	d	d	e	e
SW_E1a HND FUE HVDC to Branxton	<a href="https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf">https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf</a>	n/a	n/a	In Planning	Low	c	c	e	e	e	e	e	e	d	d	e	e	f	f	e	e	d	d	e	e	d	d	e	e
SW_E1a HND HVAC to SW_E1b	<a href="https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf">https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf</a>	n/a	n/a	In Planning	Low	c	c	e	e	e	e	e	e	d	d	e	e	f	f	e	e	d	d	e	e	d	d	e	e
SW_E1c HND HDVC to Weston Marsh	<a href="https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf">https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf</a>	n/a	n/a	In Planning	Low	c	c	e	e	e	e	e	e	d	d	e	e	f	f	e	e	d	d	e	e	d	d	e	e
SW_E1c HND HDVC Lincolnshire connection node	<a href="https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf">https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf</a>	n/a	n/a	In Planning	Low	c	c	e	e	e	e	e	e	d	d	e	e	f	f	e	e	d	d	e	e	d	d	e	e
SW_E1c HND HVAC to SW_E2a	<a href="https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf">https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf</a>	n/a	n/a	In Planning	Low	c	c	e	e	e	e	e	e	d	d	e	e	f	f	e	e	d	d	e	e	d	d	e	e
SW_E1c HND HVAC to SW_E1a	<a href="https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf">https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf</a>	n/a	n/a	In Planning	Low	c	c	e	e	e	e	e	e	d	d	e	e	f	f	e	e	d	d	e	e	d	d	e	e
SW_E3 HND FUE HVAC to Hurlie	<a href="https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf">https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf</a>	n/a	n/a	In Planning	Low	c	c	e	e	e	e	e	e	d	d	e	e	f	f	e	e	d	d	e	e	d	d	e	e
SW_E2a HND HDVC to Richborough	<a href="https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf">https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf</a>	n/a	n/a	In Planning	Low	f	f	e	e	e	e	e	e	d	d	e	e	f	f	e	e	d	d	e	e	d	d	e	e

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
SW_E2b HNDFUE	<a href="https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf">https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf</a>	n/a	n/a	In Planning	Low	f	f	e	e	e	e	e	e	d	d	e	e	f	f	e	e	d	d	e	e	d	d	e	e
SW_E2b HNDFUE	<a href="https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf">https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf</a>	n/a	n/a	In Planning	Low	f	f	e	e	e	e	e	e	d	d	e	e	f	f	e	e	d	d	e	e	d	d	e	e
PA_2 HNDFUE HVDC to Blyth	<a href="https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf">https://www.ofgem.gov.uk/sites/default/files/2024-04/HNDFUE%20Asset%20Classification%20Decision.pdf</a>	n/a	n/a	In Planning	Low	f	f	e	e	e	e	e	e	d	d	e	e	f	f	e	e	d	d	e	e	d	d	e	e
<b>Onshore Windfarms</b>																													
<b>New Projects</b>																													
Ferniebrae Barras - Wind turbine	Planning App: APP/2023/2235	67	91	Operational	High	f	f	d	d	d	d	f	f	d	d	b	b	f	f	f	f	d	d	f	f	d	d	d	d
<b>Offshore Windfarms - Multiple new projects in Europe due to larger study area, based on mean max foraging range of Gannets (1400km)</b>																													
<b>New Projects</b>																													
<b>Tier 1</b>																													
Anholt	Our offshore wind farms in Denmark and the world   Ørsted	729	716	Operational	High	f	f	d	d	f	f	g	g	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
ARCADIS Ost 1	Parkwind   Arcadis Ost 1	924	906	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Arkona	Arkona offshore wind farm   RWE operating site	955	937	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Avedøre Holme	Our offshore wind farms in Denmark and the world   Ørsted	830	814	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Baltic Eagle	Baltic Eagle project - Iberdrola	937	919	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Bockstigen I	Bockstigen Offshore (Sweden) - Wind farms - Online access - The Wind Power <a href="https://momentumgreenenergy.com/en/case/lifetime-extension-of-bockstigen-offshore-wind-farm-on-gotland/">https://momentumgreenenergy.com/en/case/lifetime-extension-of-bockstigen-offshore-wind-farm-on-gotland/</a>	1145	1145	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
E03	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	889	872	Operational	Low	f	f	d	d	f	f	g	g	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
EnBW Baltic I	EnBW wind farm Baltic 1   EnBW	876	858	Operational	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
EnBW Windpark Baltic 1	EnBW wind farm Baltic 1   EnBW	874	855	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
EnBW Windpark Baltic 2	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	889	871	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Eystrasalt Offshore	Baltic Sea Offshore Wind Park Sweden	1242	1242	Application submitted/Awaiting decision	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Frederikshavn	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	705	695	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Frederikshavn Offshore	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	691	680	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Frederikshavn Offshore Demo	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	695	684	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Galatea - Galene	Projects - OX2	750	750	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Gebied 1 Noord (1-n)	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	424	399	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Gebied 1 Zuid (1-z)	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	450	426	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Gebied 2 Noord (2-n)	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	462	437	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Gebied 5 Oost (5-o)	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	469	446	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Gennaker	Gennaker Offshore Wind Park Germany	865	846	Consented	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Gretas Klackar	Gretas Klackar Offshore Wind Farm - Consent Application Submitted - Sweden   TGS 4C   4C Offshore	1180	1180	Application submitted/Awaiting decision	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Groix et Belle-Île	Groix & Belle-Île Floating Wind Farm - Cancelled - France   TGS 4C   4C Offshore	1022	1009	Cancelled	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Hesselk	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	764	750	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Hesselø	Hesselø offshore windfarm   Port of Grenaa	742	742	Application submitted/Awaiting decision	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Iles d'Yeu et de Noirmoutier	Offshore wind turbines Yeu-Noirmoutier	1076	1063	Under Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Jammerbugt	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	597	586	Under Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Jammerland Bugt	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	734	717	Consented	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Kårehamn	Kårehamn   RWE in Sweden	1075	1075	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Kriegers Flak	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	865	848	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Kattegatt Offshore	<a href="https://orsted.se/vara-grona-loesningar/havsaserad-vindkraft/vara-projekt">https://orsted.se/vara-grona-loesningar/havsaserad-vindkraft/vara-projekt</a>	799	786	In Planning	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Kattegatt Syd	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	764	764	Under Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Les deux oles	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1076	1063	Consented	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Lillgrund	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	835	835	Operational	High	f	f	d	d	f	f	e	e	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Lovstaviken	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	809	796	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Mareld	2.5 GW Mareld Floating Offshore Wind farm in Sweden receives positive recommendation from County Board - Aker Horizons	666	666	Application submitted/Awaiting decision	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Middelgrunden	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	840	825	Operational	Medium	f	f	d	d	f	f	g	g	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Najaderna Offshore Wind Farm	Najaderna Offshore – Eolus	1183	1183	Application submitted/Awaiting decision	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Nordlicht 1	Vattenfall builds Germany's largest offshore wind farm - Vattenfall	483	483	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Nordre Flint	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	850	834	Under Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Nysted	Our offshore wind farms in Denmark and the world   Ørsted	817	798	Operational	Medium	f	f	d	d	f	f	g	g	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Olof Skötkonung	Olof Skötkonung - Deep Wind Offshore	1180	1180	Application submitted/Awaiting decision	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Paludan Flak	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	711	694	Failed proposal	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Rødsand 2	Rødsand 2 Offshore Wind Farm   RWE in Denmark	804	785	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Saint-Brieuc	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	858	845	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Saint-Nazaire	Parc éolien en mer de Saint-Nazaire   Découvrir le projet éolien de Saint-Nazaire	1048	1035	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Samsø	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	711	694	Operational	Medium	f	f	d	d	f	f	a	a	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Skåne havsvindpark	<a href="https://www.orsted.se/vara-grona-losningar/havsbaserad-vindkraft/vara-projekt">orsted.se/vara-grona-losningar/havsbaserad-vindkraft/vara-projekt</a>	889	889	Paused	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Sprogø	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	744	726	Operational	Medium	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Storgrundet Offshore	<a href="https://www.skybornrenewables.com/articles/newsroom/storgrundet_enviromental_permit">skybornrenewables.com/articles/newsroom/storgrundet_enviromental_permit</a>	1158	1158	Application submitted/Awaiting decision	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Sylen	Sylen – Svea Vind Offshore	1206	1206	Application submitted/Awaiting decision	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Thornton Bank 1	Windturbines   C-Power	592	592	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Thornton Bank 2	Windturbines   C-Power	592	592	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Tunø Knob	Tunø Knob - Ports Directory	691	675	Operational	Medium	f	f	d	d	f	f	g	g	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Utposten 2	Wind farm Utposten 2 – Svea Vind Offshore	1158	1158	Application submitted/Awaiting decision	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Wikingen	Wikingen offshore wind farm - Iberdrola	951	934	Operational	High	f	f	d	d	f	f	f	f	d	d	b	b	f	f	f	f	d	d	f	f	f	f	f	f
Windanker	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	929	929	Under Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
<b>Tier 2</b>																													
EN11	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	477	456	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
EN14	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	414	392	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Gävle Öst Havsvidnpark	Facts about Gävle East Offshore Wind Farm   Ørsted	1222	1222	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Kapheira	Kapheira - Zephyr Renewable AB	1127	1127	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Lillebält Syd	Little Belt South	675	656	Consented	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Lithuania's first offshore wind farm in the Baltic Sea (Lithuanian Tender 1 & 2)	700MW Lithuanian offshore wind tender re-launched - Baltic Wind	1302	1289	In Planning	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Poseidon	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	712	703	Consented	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Princess Elisabeth Zone Lot 1	Princess Elisabeth Island	572	572	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Princess Elisabeth Zone Lot 2.1	Princess Elisabeth Island	583	583	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Princess Elisabeth Zone Lot 2.2	Princess Elisabeth Island	586	586	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Princess Elisabeth Zone Lot 3	Princess Elisabeth Island	580	580	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Ran Offshore Wind Farm	Projects - OX2	1198	1198	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Vidar	Energy Park Vidar	685	685	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Vidar öst	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a> <a href="https://www.4coffshore.com/windfarms/sweden/vidar-east-sweden-se1g.html">https://www.4coffshore.com/windfarms/sweden/vidar-east-sweden-se1g.html</a>	703	703	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Vindkraftpark Fyrskellet	<a href="https://www.skybornrenewables.com/markets/sweden/local/fyrskellet%20_offshore">https://www.skybornrenewables.com/markets/sweden/local/fyrskellet%20_offshore</a>	1200	1200	Consenting/Pre-Construction	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Ymer	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1005	1005	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
<b>Tier 3</b>																													
Arkona Vindkraftpark	Arkona Offshore – Eolus	889	889	Discontinued	High	f	f	d	d	f	f	h	h	h	h	h	h	f	f	f	f	d	d	f	f	f	f	f	f
Aurora	The County Administrative Board gives green light to offshore wind farm Aurora off the coast of Sweden - OX2	1092	1092	Failed proposal	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Baltic Edge	Baltic Edge Floating Wind Farm - Concept/Early Planning - Sweden   TGS 4C   4C Offshore	1049	1049	In Planning	Low	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health		
Baltic Offshore Alpha	Alpha Floating Wind Farm - Cancelled - Sweden   TGS 4C   4C Offshore	1144	1144	Discontinued	Low	f	f	d	d	f	f	h	h	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f	
Baltic Offshore Beta	Sweden halts 13 offshore wind farms in the Baltic Sea due to national security concerns	1018	1018	Discontinued	Low	f	f	d	d	f	f	h	h	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f	
Baltic Offshore Delta North	Sweden halts 13 offshore wind farms in the Baltic Sea due to national security concerns	1247	1247	Discontinued	Low	f	f	d	d	f	f	h	h	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f	
Baltic Offshore Delta South	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1243	1243	Discontinued	Low	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f	
Baltic Offshore Epsilon	Baltic Offshore Epsilon wind farm - Global Energy Monitor	1235	1235	In Planning	Low	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f	
Blekinge Offshore	Blekinge Offshore – Eolus	959	959	Discontinued	High	f	f	d	d	f	f	h	h	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f	
Bothnia Offshore Lambda	Lambda North Offshore Wind Farm - Cancelled - Sweden   TGS 4C   4C Offshore	1200	1200	Discontinued	Medium	f	f	d	d	f	f	h	h	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f	
Bothnia Offshore Sigma	Bothnia Offshore Wind Farm - Failed Proposal - Finland   TGS 4C   4C Offshore	1267	1267	Discontinued	Medium	f	f	d	d	f	f	h	h	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f	
Cirrus	Cirrus Floating Wind Farm - Failed Proposal - Sweden   TGS 4C   4C Offshore	1033	1033	Discontinued	Medium	f	f	d	d	f	f	h	h	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f	
Dyning	Dyning Floating Wind Farm - Failed Proposal - Sweden   TGS 4C   4C Offshore	1117	1117	Discontinued	Medium	f	f	d	d	f	f	h	h	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f	
Elinor	Elinor Floating Wind Farm - Dormant - Sweden   TGS 4C   4C Offshore	1126	1126	Discontinued	Medium	f	f	d	d	f	f	h	h	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f	
Erik Segersäll Vindkraftpark	Deep Wind Offshore Unveils Plans for Gigawatt-Scale Floating Offshore Wind Farm in Sweden   Offshore Wind	1208	1208	In Planning	High	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f	
Falkenberg-Halmstad Offshore Wind Farm	Falkenberg-Halmstad Offshore Wind Farm - Concept/Early Planning - Sweden   TGS 4C   4C Offshore	779	779	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f	
Fanshawe	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	837	821	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f	
B142	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1182	1180	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f	f
B143	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1204	1202	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f	f
B146	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1157	1155	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
B147	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1211	1209	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
B151	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1173	1170	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
B152	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1164	1161	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Baltex 2	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1061	1061	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Bornholm	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	981	964	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Bornholm I	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	950	932	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Bornholm II	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	976	959	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Bornholm III	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1011	994	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Kattegat I	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	709	696	In Planning	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Kriegers Flak II	Danish Kriegers Flak II (dk0n) Offshore Wind Farm - Development Zone - Denmark   TGS 4C   4C Offshore	860	860	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Kultje	Kultje wind farm - Global Energy Monitor	1102	1102	Discontinued	Medium	f	f	d	d	f	f	h	h	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Mejl Flak	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	689	674	Discontinued	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
NW Grund	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1004	988	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Ö248	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1118	1103	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Ö285	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	878	860	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Omo Syd	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	763	744	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Pleione	Pleione Floating Wind Farm - Failed Proposal - Sweden   TGS 4C   4C Offshore	1227	1227	Discontinued	Low	f	f	d	d	f	f	h	h	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f
Plotas A	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1302	1289	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Plotas B	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1306	1292	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Plotas B2	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1308	1294	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Plotas C	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1309	1295	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Plotas C2	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1309	1295	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
E1	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1280	1266	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
E2	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1319	1306	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
E3	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1302	1290	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
E4	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1312	1301	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
EN10	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	445	445	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
EN2	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	513	513	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
EN4	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	557	557	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
EN5	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	475	475	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
EN6	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	461	461	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
EN7	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	476	476	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
EN8	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	476	476	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
EN9	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	445	445	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
EN12	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	468	446	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
EN13	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	470	449	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
EN13-Nord	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	473	453	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
EN15	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	389	367	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
EN16	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	411	390	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
EN17	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	344	322	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
EN18	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	370	349	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
EN19	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	268	248	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
EN20	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	371	350	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
E01	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	946	929	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
E02	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	929	912	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
E02-West	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	926	908	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Gebied 2 Zuid (2-z)	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	469	469	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Gretas Klackar II	Gretas Klackar II Offshore Wind Farm - Dormant - Sweden   TGS 4C   4C Offshore	1178	1178	Discontinued	Medium	f	f	d	d	f	f	h	h	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f
Herkules	Herkules – Eolus	1204	1204	Discontinued	High	f	f	d	d	f	f	e	e	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
I etapas vystomas plotas	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	1311	1298	In Planning	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Kadetbanke	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;content_type=json</a>	856	838	Failed proposal	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Kattegat II	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	734	719	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Krigers Flak Nord	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	854	837	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Krigers Flak Syd	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	869	852	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Mimer	Mimer Offshore Wind Farm - Concept/Early Planning - Sweden   TGS 4C   4C Offshore	1237	1237	Consenting/Pre-Construction	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
N-10.1	N-10.1 (de3c) Offshore Wind Farm - Development Zone - Germany   4C Offshore	445	445	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
N-10.2	N-10.2 (de3i) Offshore Wind Farm - Development Zone - Germany   4C Offshore	461	461	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
N-11.1	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	463	463	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
N-11.2	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	456	456	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
N-12.1	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	447	447	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
N-12.2	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	446	446	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
N-12.3	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	447	447	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
N-13.1	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	452	452	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
N-13.2	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	449	449	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
N-13.3	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	451	451	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
N-21.1	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	455	455	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
N-6.6	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	471	471	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
N-6.7	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	461	461	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
N-7.2	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	483	483	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
N-9.1	N-9.1 Offshore Wind Farm - Concept/Early Planning - Germany   4C Offshore	451	451	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
N-9.2	N-9.2 Offshore Wind Farm - Concept/Early Planning - Germany   4C Offshore	445	445	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
N-9.3	N-9.3 Offshore Wind Farm - Concept/Early Planning - Germany   4C Offshore	445	445	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
NC1	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	550	550	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
NC2	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	535	535	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Neptuni	Neptuni Offshore Wind Farm - Dormant - Sweden   TGS 4C   4C Offshore	1094	1094	Discontinued	Medium	f	f	d	d	f	f	f	f	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f
Neptunus	Neptunus Offshore Wind Farm - Failed Proposal - Sweden   TGS 4C   4C Offshore	1030	1030	Discontinued	Medium	f	f	d	d	f	f	f	f	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f
NW Grund	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	988	988	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Nya Utgrunden	Nya Utgrunden Offshore Wind Farm - Dormant - Sweden   TGS 4C   4C Offshore	1036	1036	In Planning	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Öland-Hoburg I	Öland-Hoburg I Offshore Wind Farm - Dormant - Sweden   TGS 4C   4C Offshore	1066	1066	In Planning	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Öland-Hoburg II	Öland-Hoburg II Offshore Wind Farm - Dormant - Sweden   TGS 4C   4C Offshore	1128	1128	In Planning	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Öland-Hoburg III	Öland-Hoburg III Offshore Wind Farm - Dormant - Sweden   TGS 4C   4C Offshore	1177	1177	In Planning	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
PZP_14	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1023	1005	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
PZP_44	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1090	1073	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
PZP_45	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1111	1095	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
PZP_46	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1169	1154	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
PZP_53	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1093	1078	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
PZP_60	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1123	1108	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Skagerrak Offshore Gamma	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sorceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	666	666	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Skidbladner	Skidbladner – Eolus	1202	1202	Discontinued	High	f	f	d	d	f	f	f	f	h	h	h	h	f	f	f	f	d	d	f	f	f	f	f	f
Simpevarp Havsvindpark	Chimping Offshore Wind Farm – Cloudberry	1052	1052	In Planning	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Sjollen Offshore	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	834	834	Discontinued	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Slite Wind Farm	Slite Offshore Wind Farm - Dormant - Sweden   TGS 4C   4C Offshore	1192	1192	Discontinued	Low	f	f	d	d	f	f	f	f	h	h	h	h	f	f	f	f	d	d	f	f	f	f	f	f
Södra Victoria	Södra Victoria Offshore Wind Farm - Failed Proposal - Sweden   TGS 4C   4C Offshore	1096	1096	Discontinued	Medium	f	f	d	d	f	f	f	f	h	h	h	h	f	f	f	f	d	d	f	f	f	f	f	f
Stora Middelgrund	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	784	771	Discontinued	High	f	f	d	d	f	f	f	f	h	h	f	f	f	f	f	f	d	d	f	f	f	f	f	f
Störmskar	Stormskär Floating Wind Farm - Concept/Early Planning - Finland   TGS 4C   4C Offshore	1249	1249	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Sud Atlantique I	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1186	1172	In Planning	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Sud Atlantique II	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1190	1176	In Planning	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Sud de la Bretagne	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1038	1026	In Planning	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Sud de la Bretagne Extension	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1038	1026	In Planning	Medium	f	f	d	d	f	f	f	f	d	d	c	c	f	f	f	f	d	d	f	f	f	f	f	f
Sundsvall	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1222	1222	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Syd kustens Vind	Key project dates for Syd kustens Vind (se42) - Sweden   TGS 4C   4C Offshore	885	885	Discontinued	Medium	f	f	d	d	f	f	f	f	h	h	h	h	f	f	f	f	d	d	f	f	f	f	f	f
Trem Mklebugt	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	699	686	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Triton	Triton Offshore Wind Farm - Failed Proposal Sweden   TGS 4C   4C Offshore	890	890	Discontinued	Medium	f	f	d	d	f	f	f	f	h	h	h	h	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Utgrunden I	Utgrunden I Offshore Wind Farm - Decommissioned - Sweden   TGS 4C   4C Offshore	1037	1037	Decommissioned	High	f	f	d	d	f	f	f	f	d	d	h	h	f	f	f	f	d	d	f	f	f	f	f	f
Väderskär	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1272	1272	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Valgrundet Offshore	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	827	827	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Västvind	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	714	714	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
V302	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	784	771	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
V305	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	800	787	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
V317	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	792	779	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Warberg Offshore Wind	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	753	753	In Planning	Low	f	f	d	d	f	f	f	f	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Yttre stengrund	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1024	1024	Decommissioned	High	f	f	d	d	f	f	f	f	h	h	h	h	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_1	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1312	1305	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_2	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1375	1373	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_3	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1349	1347	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_4	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourcelog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1363	1361	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Unnamed Finish OWF_5	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1345	1342	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_6	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1370	1370	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_7	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1284	1282	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_8	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1365	1358	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_9	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1312	1305	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_10	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1375	1373	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_11	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1349	1347	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_12	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1363	1361	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_13	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1284	1282	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_14	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1365	1358	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_15	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1345	1342	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_16	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1370	1370	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Finish OWF_17	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1252	1249	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Unnamed Finish OWF_18	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1252	1249	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed German OWF	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	946	929	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Estonian OWF_1	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1322	1313	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f
Unnamed Estonian OWF_2	<a href="https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont">https://emodnet.ec.europa.eu/geonetwork/srv/eng/catalog.search#/search?facet.q=sourceCatalog%2F661f317e-c9f1-4cbc-b271-7772a33f6a17&amp;resultType=details&amp;sortBy=sortDate&amp;from=1&amp;to=20&amp;fast=index&amp;cont</a>	1307	1298	In Planning	Low	f	f	d	d	f	f	e	e	d	d	e	e	f	f	f	f	d	d	f	f	f	f	f	f

## **Appendix C      Cumulative effects matrix**

### **C.1      Cumulative effects matrix – Marine aggregate and disposal temporal**

The marine aggregate and disposal projects, plans and activities are shown in Apx Figure 6

### Appendix C: Marine Aggregate and Disposal - Temporal

Key	Project Status
	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

Note - where an end date is not given in the licence, then a duration of 15 years has been assumed based on previous licences.

**Marine Aggregates: Temporal**

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).

Project	Information in the Public Domain	Data Confidence Assessment	Capacity/scale	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050
<b>United Kingdom - Dredge Soil Disposal Sites within 200km of Morven North and Morven South</b>																									
<b>Tier 1</b>																									
Aberdeen - Cr110	Marine Scotland - Updated 5/12/22	High	Disposal Site	Operational																					
Amble - 389	Emodnet data - disposal Updated 6/8/21	High	Disposal Site	Operational																					
Amble Marina Outfall - 365	Emodnet data - disposal	High	Disposal Site	Operational																					
Anstruther - Fo101	Marine Scotland	High	Disposal Site	Operational																					
Arbroath - Fo020	Marine Scotland	High	Disposal Site	Operational																					
Blae Rock A - Fo036	Marine Scotland	High	Disposal Site	Operational																					
Blyth A - 125	Emodnet data - disposal	High	Disposal Site	Operational																					
Blyth A+B - 124	Emodnet data - disposal	High	Disposal Site	Operational																					
Blyth B - 126	Emodnet data - disposal	High	Disposal Site	Operational																					
Bo'Ness - Fo044	Marine Scotland	High	Disposal Site	Operational																					

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).

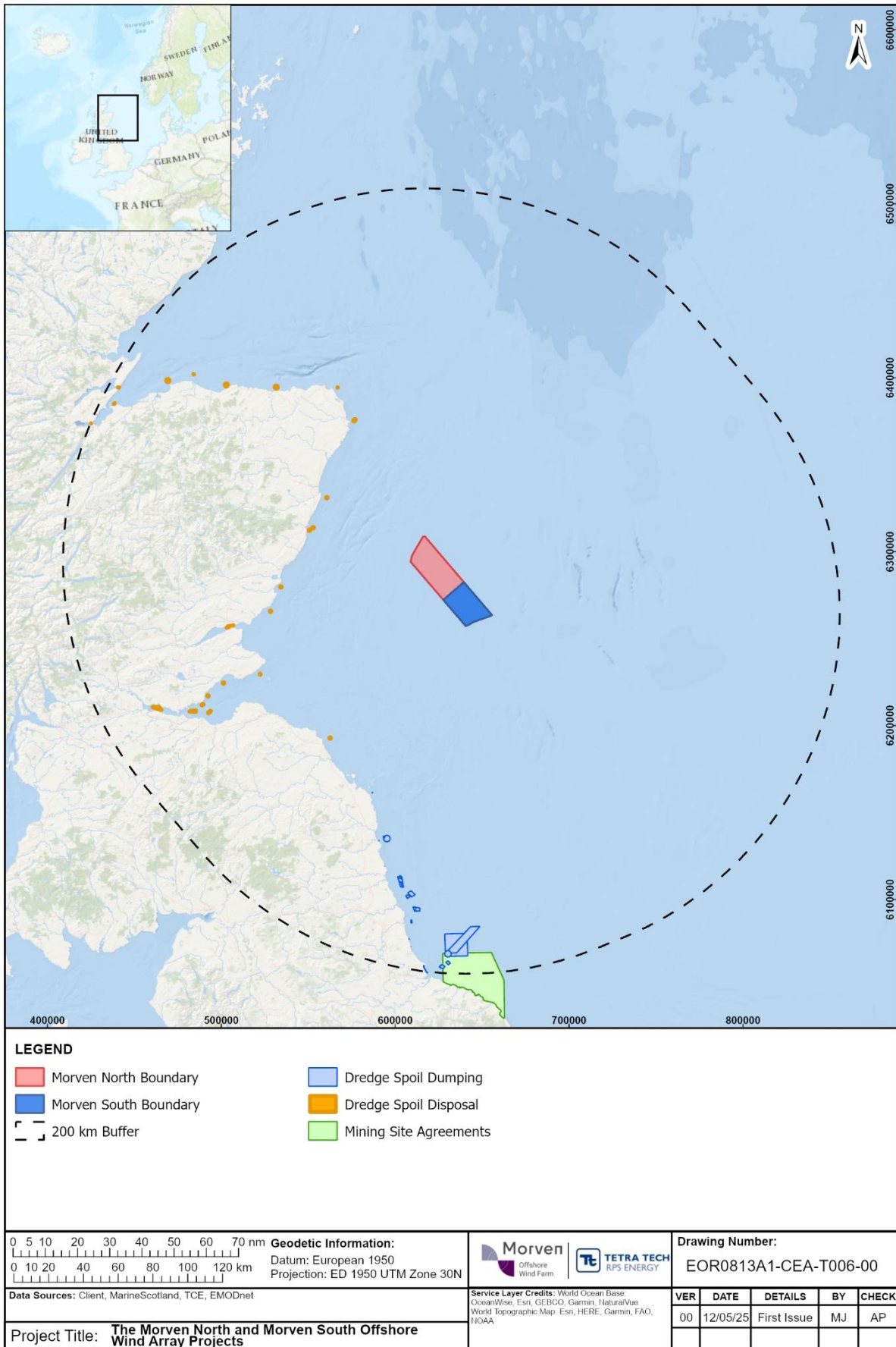
Project	Information in the Public Domain	Data Confidence Assessment	Capacity/scale	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050	
Buckie -Cr040	Marine Scotland	High	Disposal Site	Operational																						
Burghead - Cr030	Marine Scotland	High	Disposal Site	Operational																						
Coquet Island - 440	Emodnet data - disposal	High	Disposal Site	Operational																						
Easington Foreshore - 71	Emodnet data - disposal	High	Disposal Site	Operational																						
Eyemouth -Fo080	Marine Scotland	High	Disposal Site	Operational																						
Firth Of Tay E - Fo021	Marine Scotland	High	Disposal Site	Operational																						
Foreshore At Hartlepool - 94	Emodnet data - disposal	High	Disposal Site	Operational																						
Fraserburgh - Cr060	Marine Scotland	High	Disposal Site	Operational																						
Hartlepool - 116	Emodnet data - disposal	High	Disposal Site	Operational																						
Howdon Area - 121	Emodnet data - disposal	High	Disposal Site	Operational																						
Inverness - Cr027	Marine Scotland	High	Disposal Site	Operational																						
Kirkcaldy - Fo047	Marine Scotland	High	Disposal Site	Operational																						
Lynemouth South Shore - 72	Emodnet data - disposal	High	Disposal Site	Operational																						
Lossiemouth - Cr031	Marine Scotland	High	Disposal Site	Operational																						
Macduff - Cr050	Marine Scotland	High	Disposal Site	Operational																						
Methil - Fo028	Marine Scotland	High	Disposal Site	Operational																						
Middle Bank (Tay) - Fo028	Marine Scotland	High	Disposal Site	Operational																						
Montrose - Fo010	Marine Scotland	High	Disposal Site	Operational																						
Narrow Deep B - Fo038	Marine Scotland	High	Disposal Site	Operational																						
Narrow Deep Se Of Inchkeith - Fo039	Marine Scotland	High	Disposal Site	Operational																						
Newcome Buoy - Fo023	Marine Scotland	High	Disposal Site	Operational																						
North Buchan Ness - Cr080	Marine Scotland	High	Disposal Site	Operational																						

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).

Project	Information in the Public Domain	Data Confidence Assessment	Capacity/scale	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050
North Tyn - 24	Emodnet data - disposal	High	Disposal Site	Operational																					
Oxcars Ext A - Fo042	Marine Scotland	High	Disposal Site	Operational																					
Oxcars Ext B - Fo043	Marine Scotland	High	Disposal Site	Operational																					
Oxcars Main - Fo041	Marine Scotland	High	Disposal Site	Operational																					
Peterhead - Cr070	Marine Scotland	High	Disposal Site	Operational																					
Pittenweem - Fo051	Marine Scotland	High	Disposal Site	Operational																					
Seaham Foreshore - 99	Emodnet data - disposal	High	Disposal Site	Operational																					
Seahouses - 513	Emodnet data - disposal	High	Disposal Site	Operational																					
Souter Point (Inner) - 120	Emodnet data - disposal	High	Disposal Site	Operational																					
Souter Point (Outer) - 119	Emodnet data - disposal	High	Disposal Site	Operational																					
Stonehaven - Fo003	Marine Scotland	High	Disposal Site	Operational																					
Stonehaven B - Fo007	Marine Scotland	High	Disposal Site	Operational																					
Sunderland - 117	Emodnet data - disposal	High	Disposal Site	Operational																					
Sutors - Cr019	Marine Scotland	High	Disposal Site	Operational																					
Tay Bridge - Fo025	Marine Scotland	High	Disposal Site	Operational																					
Tees (Industrial) - 115	Emodnet data - disposal	High	Disposal Site	Operational																					
Tees Bay A - 95	Emodnet data - disposal	High	Disposal Site	Operational																					
Tees Bay B - 388	Emodnet data - disposal	High	Disposal Site	Operational																					
Tees Bay C - 98	Emodnet data - disposal	High	Disposal Site	Operational																					
Tyne Tunnel - 118	Emodnet data - disposal	High	Disposal Site	Operational																					
Warkworth Harbour - 127	Emodnet data - disposal	High	Disposal Site	Operational																					
Whiteness Sands B - Cr023	Marine Scotland	High	Disposal Site	Operational																					

Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).

Project	Information in the Public Domain	Data Confidence Assessment	Capacity/scale	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2050			
					Tier 1																							
Boulby Potash Mine	The Crown Estate	High	Offshore minerals	Operational																								



ApX Figure 6: Marine aggregate and disposal projects, plans and activities within 200km of Morven North and Morven South

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## **C.2 Cumulative effects matrix – Marine aggregate and disposal spatial and screening**

### Appendix C: Marine Aggregate and Disposal - Spatial and Screening

Key	Stage 3 screening criteria
a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment. <b>Screened out of assessment.</b>
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: <b>Screened in to assessment.</b>
c	Potential cumulative impact exists: <b>Screened in to assessment.</b>
d	No conceptual effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data confidence or availability: <b>Screened out of assessment.</b>
f	No physical effect-receptor overlap: <b>Screened out of assessment.</b>
g	No temporal overlap: <b>Screened out of assessment.</b>
h	Project has been withdrawn from development or operation: <b>Screened out of assessment.</b>

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
						North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South
<b>United Kingdom - Dredge Soil Disposal Sites within 200km of Morven North and Morven South</b>																													
<b>Tier 1</b>						North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South
Aberdeen - Cr110	ahb_-_bpeo.pdf (marine.gov.scot)	59	89	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	a	a	f	f	d	d	f	f	d	d	d	d
Amble - 389	Ossian - Appendix 06.4 - Cumulative Effects Screening.pdf	139	128	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Amble Marina Outfall - 365	Natural England Access to Evidence - Search Results page 1	143	133	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Anstruther - Fo101	06784_-_bpeo_report.pdf (marine.gov.scot) https://marine.gov.scot/marine-licence-maintenance-dredging-and-sea-disposal-anstruther-harbour-fife-06784	108	113	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Arbroath - Fo020	Marine Licence - Maintenance Dredging and sea deposit - Arbroath, Angus - 00009091   Marine Scotland Information	85	99	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Blae Rock A - Fo036	Marine Scotland - National Marine Plan Interactive (atkinsgeospatial.com)	145	150	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Blyth A - 125	Ossian - Appendix 06.4 - Cumulative Effects Screening.pdf	164	152	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Blyth A+B - 124	Ossian - Appendix 06.4 - Cumulative Effects Screening.pdf	160	148	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Blyth B - 126	Ossian - Appendix 06.4 - Cumulative Effects Screening.pdf	160	148	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Bo'Ness - Fo044	<a href="https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/Marine_Scotland_FishDAC_1567">https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/Marine_Scotland_FishDAC_1567</a>	167	174	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Buckie - Cr040	bpeo_10.pdf (marine.gov.scot)	142	175	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Burghead - Cr030	bpeo_11.pdf	171	202	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Coquet Island - 440	rr442.pdf (bto.org)	140	130	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Easington Foreshore - 71	Ossian - Appendix 06.4 - Cumulative Effects Screening.pdf	200	187	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Eyemouth - Fo080	bpeo_assessment_final.pdf (marine.gov.scot) <a href="https://marine.gov.scot/data/marine-licence-application-maintenance-dredge-eyemouth-harbour-00008962">https://marine.gov.scot/data/marine-licence-application-maintenance-dredge-eyemouth-harbour-00008962</a>	102	101	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Firth Of Tay E - Fo021	<a href="https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/Marine_Scotland_FishDAC_1567">https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/Marine_Scotland_FishDAC_1567</a>	111	124	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Foreshore At Hartlepool - 94	Tees and Hartlepool Port Waste Management Plan	210	196	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Fraserburgh - Cr060	Microsoft Word - Section 8_Rev D_-26-09-04.doc (publishing.service.gov.uk)	98	133	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Hartlepool - 116	Ossian - Appendix 06.4 - Cumulative Effects Screening.pdf	189	173	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Howdon Area - 121	Ossian - Appendix 06.4 - Cumulative Effects Screening.pdf	168	155	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Inverness - Cr027	marine.gov.scot	199	226	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Kirkcaldy - Fo047	bpeo_redacted_8.pdf (marine.gov.scot)	139	146	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Lynemouth South Shore - 72	<a href="https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.sg.search#/metadata/Marine_Scotland_FishDAC_1567">https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.sg.search#/metadata/Marine_Scotland_FishDAC_1567</a>	157	146	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Lossiemouth - Cr031	<a href="https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/Marine_Scotland_FishDAC_1567">https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/Marine_Scotland_FishDAC_1567</a>	161	193	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Macduff - Cr050	<a href="https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/Marine_Scotland_FishDAC_1567">https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/Marine_Scotland_FishDAC_1567</a>	119	154	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Methil - Fo028	00009210_-_best_practicable_environmental_option_report_redacted.pdf (marine.gov.scot)	128	135	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Middle Bank (Tay) - Fo028	<a href="https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/Marine_Scotland_FishDAC_1567">https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/Marine_Scotland_FishDAC_1567</a>	110	123	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Montrose - Fo010	bpeo_1.pdf (marine.gov.scot)	76	93	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Narrow Deep B Fo038	marine.gov.scot	143	148	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Narrow Deep Se Of Inchkeith Fo039	<a href="https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/Marine_Scotland_FishDAC_1567">https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/Marine_Scotland_FishDAC_1567</a>	143	148	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Newcome Buoy - Fo023	<a href="https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/Marine_Scotland_FishDAC_1567">https://spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/Marine_Scotland_FishDAC_1567</a>	108	122	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
North Buchan Ness - Cr080	Dredge Spoil Deposit Sites - Open   Marine Scotland Information	77	112	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
North Tyn - 24	Dredge Spoil Deposit Sites - Open   Marine Scotland Information	171	158	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Oxcars Ext A - Fo042	Microsoft Word - Forth Ports Newhaven Draft BPEO Report ERM 29Apr19.Combined.docx (marine.gov.scot)	152	158	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Oxcars Ext B - Fo043	Microsoft Word - Forth Ports Newhaven Draft BPEO Report ERM 29Apr19.Combined.docx (marine.gov.scot)	153	159	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Oxcars Main - Fo041	Microsoft Word - Forth Ports Newhaven Draft BPEO Report ERM 29Apr19.Combined.docx (marine.gov.scot)	150	156	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Peterhead - Cr070	Dredge Spoil Deposit Sites - Open   Marine Scotland Information	77	112	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Pittenweem - Fo051	View Notice - Public Contracts Scotland	108	113	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
Seaham Foreshore - 99	Dredge Spoil Deposit Sites - Open   Marine Scotland Information	195	182	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Seahouses - 513	Dredge Spoil Deposit Sites - Open   Marine Scotland Information	118	110	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Souter Point (Inner) - 120	Dredge Spoil Deposit Sites - Open   Marine Scotland Information	177	164	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Souter Point (Outer) - 119	Dredge Spoil Deposit Sites - Open   Marine Scotland Information	177	164	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Stonehaven - Fo003	<a href="http://marine.gov.scot/sites/default/files/00008915_-_method_statement.pdf">http://marine.gov.scot/sites/default/files/00008915_-_method_statement.pdf</a>	59	85	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Stonehaven B - Fo007	<a href="http://marine.gov.scot/sites/default/files/00008915_-_method_statement.pdf">http://marine.gov.scot/sites/default/files/00008915_-_method_statement.pdf</a>	60	86	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Sunderland - 117	Dredge Spoil Deposit Sites - Open   Marine Scotland Information	185	172	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Sutors - Cr019	best_practicable_environmental_option.pdf	194	223	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Tay Bridge - Fo025	Dredge Spoil Deposit Sites - Open   Marine Scotland Information	112	125	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Tees (Industrial) - 115	Ossian - Appendix 06.4 - Cumulative Effects Screening.pdf	192	177	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Tees Bay A - 95	2018 update (Redacted) (1).pdf	210	195	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Tees Bay B - 388	2018 update (Redacted) (1).pdf	202	187	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Tees Bay C - 98	2018 update (Redacted) (1).pdf	208	193	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Tyne Tunnel - 118	C6794_Disposal_site_monitoring_report_2023_v0.4.pdf	180	168	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Warkworth Harbour - 127	Dredge Spoil Deposit Sites - Open   Marine Scotland Information	143	133	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Whitiness Sands B - Cr023	Microsoft Word - 169051 Sed Plan_2018v1	192	220	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
<b>United Kingdom - Evaporites Agreements within 200 km of Morven North and Morven South</b>																													
<b>Tier 1</b>																													
Boulby Potash Mine	Mining Site Agreements (England, Wales & NI), The Crown Estate   Mining Site Agreements (England, Wales & NI), The Crown Estate   The Crown Estate Open Data Portal (arccis.com)	203	188	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d

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### **C.3 Cumulative effects matrix – Oil and gas temporal**

The Oil and Gas projects, plans and activities are shown in Apx Figure 7

### Appendix C: Oil and Gas - Temporal

Key	Project Status
	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning
	Project has been withdrawn from development or operation

Notes - Where no specific lifespan or decommissioning plan is stated for a platform, we have assumed continual operation. Where an end date has been identified, we have assumed a 10 year decommissioning period.

- Where projects are pre-approval and have no known operation schedule, no construction window is indicated

				Oil and Gas: Temporal																						
				Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).																						
Project	Information in the Public Domain	Data Confidence Assessment	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2078		
<b>United Kingdom - Platforms within 200km of Morven North and Morven South</b>																										
<b>Tier 1</b>																										
ALBA NORTH - 700001973	NSTA	High	Operational																							
ANDREW - 700002158	NSTA	High	Operational																							
ARBROATH - 700001906	NSTA	Medium	Operational																							
AUK A - 700002059	NSTA	Medium	Operational																							
BEATRICE PLATFORM - 700002120	NSTA	High	Decommissioning																							
BRITANNIA - 700001971	NSTA	High	Operational																							
BRITANNIA BLP - 700002799	NSTA	High	Operational																							
CAPTAIN Wellhead Protection Platform A - 700002131	NSTA	High	Operational																							
CATS RISER - 700001916	NSTA	High	Operational																							
CLAYMORE Accommodation Platform - 700002126	NSTA	High	Operational																							
CLAYMORE Production Platform - 700002127	NSTA	High	Operational																							
CLYDE - 700002123	NSTA	High	Operational																							
CULZEAN LIVING QTRS AND UTILITY (ULQ) - 700003768	NSTA	High	Operational																							
CULZEAN PROCESSING PLATFORM (CPF) - 700003767	NSTA	High	Operational																							
CULZEAN Wellhead Platform JACKET - 700003731	NSTA	High	Operational																							
ELGIN A Wellhead Platform - 700002140	NSTA	High	Operational																							

Project	Information in the Public Domain	Data Confidence Assessment	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2078
ELGIN B Wellhead Platform - 700003444	NSTA	High	Operational																					
ELGIN Process. Utilities and Quarters platform - 700002139	NSTA	High	Operational																					
ERSKINE - 700002132	NSTA	High	Operational																					
ETAP Processing Drilling and Riser - 700001947	NSTA	High	Operational																					
ETAP Quarters and Utilities - 700001948	NSTA	High	Operational																					
Forties Alpha Satellite Platform - 700003547	NSTA	High	Operational																					
FORTIES ALPHA - 700001917	NSTA	High	Operational																					
FORTIES BRAVO - 700001918	NSTA	High	Operational																					
FORTIES CHARLIE - 700001919	NSTA	High	Operational																					
FORTIES DELTA - 700002147	NSTA	High	Operational																					
FORTIES ECHO - 700001920	NSTA	High	Operational																					
FORTIES UNITY - 700002160	NSTA	High	Operational																					
FRANKLIN Wellhead Platform - 700003787	NSTA	High	Operational																					
FULMAR A - 700002073	NSTA	High	Decommissioning																					
FULMAR AD - 700002169	NSTA	High	Decommissioning																					
GANNET A - 700002076	NSTA	High	Operational																					
GOLDEN EAGLE Process Utilities and Quarters PLATFORM - 700003524	NSTA	High	Operational																					
GOLDEN EAGLE WELLHEAD PLATFORM - 700003526	NSTA	High	Operational																					
JACKDAW	NSTA	High	Under Construction																					
JADE - 700002494	NSTA	High	Operational																					
JUDY - 700002050	NSTA	High	Operational																					
KITTIWAKE - 700002084	NSTA	Medium	Operational																					
LOMOND - 700001945	NSTA	Medium	Operational																					
MONTROSE A - 700001950	NSTA	Medium	Operational																					
MONTROSE Bridge Linked PLATFORM - 700003749	NSTA	Medium	Operational																					
MUNGO - 700002152	NSTA	Medium	Operational																					
NELSON A - 0	NSTA	High	Operational																					
NORTH EVEREST - 700001915	NSTA	High	Operational																					

Project	Information in the Public Domain	Data Confidence Assessment	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2078
PIPER B - 700002128	NSTA	High	Operational																					
PRODUCTION (P) JACKET - 700002574 BUZZARD	NSTA	Low	Operational																					
QUARTERS UTILITIES (QU) JACKET - 700002576 BUZZARD	NSTA	Low	Operational																					
SCOTT JD - 700001883	NSTA	Medium	Operational																					
SCOTT JU - 700001884	NSTA	Medium	Operational																					
SHEARWATER A - 0	NSTA	Medium	Operational																					
SHEARWATER C - 0	NSTA	Medium	Operational																					
Tartan Alpha	NSTA	High	Decommissioning																					
WELLHEAD (W) - 700002575 BUZZARD	NSTA	Low	Operational																					
WEST FRANKLIN WHP - 700002141	NSTA	Medium	Operational																					
<b>United Kingdom - Floating Production Storage and Offloading (FPSO) within 200km of Morven North and Morven South</b>																								
<b>Tier 1 (submitted, consented under construction, or operational)</b>																								
ALBA - 700001974	NSTA	High	Operational																					
ANASURIA - 700002106	NSTA	High	Operational																					
CAPTAIN BLPA - 700002135	NSTA	High	Operational																					
CATCHER - 700003809	NSTA	High	Operational																					
FPP1 - 700003828	NSTA	High	Operational																					
FPSO GLOBAL PRODUCER III - 700002028	NSTA	High	Operational																					
HUMMINGBIRD FPSO - 700003828	NSTA	High	Operational																					
PIERCE FPSO HAEWENE BRIM - 700002130	NSTA	High	Operational																					
ROSS - 700002125	NSTA	High	Operational																					
TRITON - 700001886	NSTA	High	Operational																					
<b>United Kingdom - Licence Blocks within 200km of Morven North and Morven South</b>																								
<b>Tier 1 (submitted, consented under construction, or operational)</b>																								
13/23c	NSTA	High	Operational																					
14/15a	NSTA	High	Operational																					
14/20d	NSTA	High	Operational																					
14/23a	NSTA	High	Operational																					
14/24a	NSTA	High	Operational																					
14/27a	NSTA	High	Operational																					

Project	Information in the Public Domain	Data Confidence Assessment	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2078	
14/28a	NSTA	High	Operational																						
14/29a	NSTA	High	Operational																						
14/30a	NSTA	High	Operational																						
15/11a	NSTA	High	Operational																						
15/12a	NSTA	High	Operational																						
15/13c	NSTA	High	Operational																						
15/18a	NSTA	High	Operational																						
15/18c	NSTA	High	Operational																						
15/19a	NSTA	High	Operational																						
15/22b	NSTA	High	Operational																						
15/23b	NSTA	High	Operational																						
15/27a	NSTA	High	Operational																						
15/28a	NSTA	High	Operational																						
15/29d	NSTA	High	Operational																						
16/22b	NSTA	High	Operational																						
19/10a	NSTA	High	Operational																						
19/5a	NSTA	High	Operational																						
20/1b	NSTA	High	Operational																						
20/28	NSTA	High	Operational																						
20/29	NSTA	High	Operational																						
20/2d	NSTA	High	Operational																						
20/30a	NSTA	High	Operational																						
20/3a	NSTA	High	Operational																						
20/5a	NSTA	High	Operational																						
20/6a	NSTA	High	Operational																						

Project	Information in the Public Domain	Data Confidence Assessment	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2078	
20/6d	NSTA	High	Operational																						
20/7d	NSTA	High	Operational																						
20/8c	NSTA	High	Operational																						
21/25c	NSTA	High	Operational																						
21/2a	NSTA	High	Operational																						
21/12a	NSTA	High	Operational																						
21/12b	NSTA	High	Operational																						
21/12c	NSTA	High	Operational																						
21/13a	NSTA	High	Operational																						
21/13b	NSTA	High	Operational																						
21/14b	NSTA	High	Operational																						
21/17a	NSTA	High	Operational																						
21/18a	NSTA	High	Operational																						
21/18b	NSTA	High	Operational																						
21/18d	NSTA	High	Operational																						
21/19b	NSTA	High	Operational																						
21/19c	NSTA	High	Operational																						
21/1a	NSTA	High	Operational																						
21/1b	NSTA	High	Operational																						
21/24d	NSTA	High	Operational																						
21/25b	NSTA	High	Operational																						
21/26a	NSTA	High	Operational																						
21/2d	NSTA	High	Operational																						
21/30b	NSTA	High	Operational																						



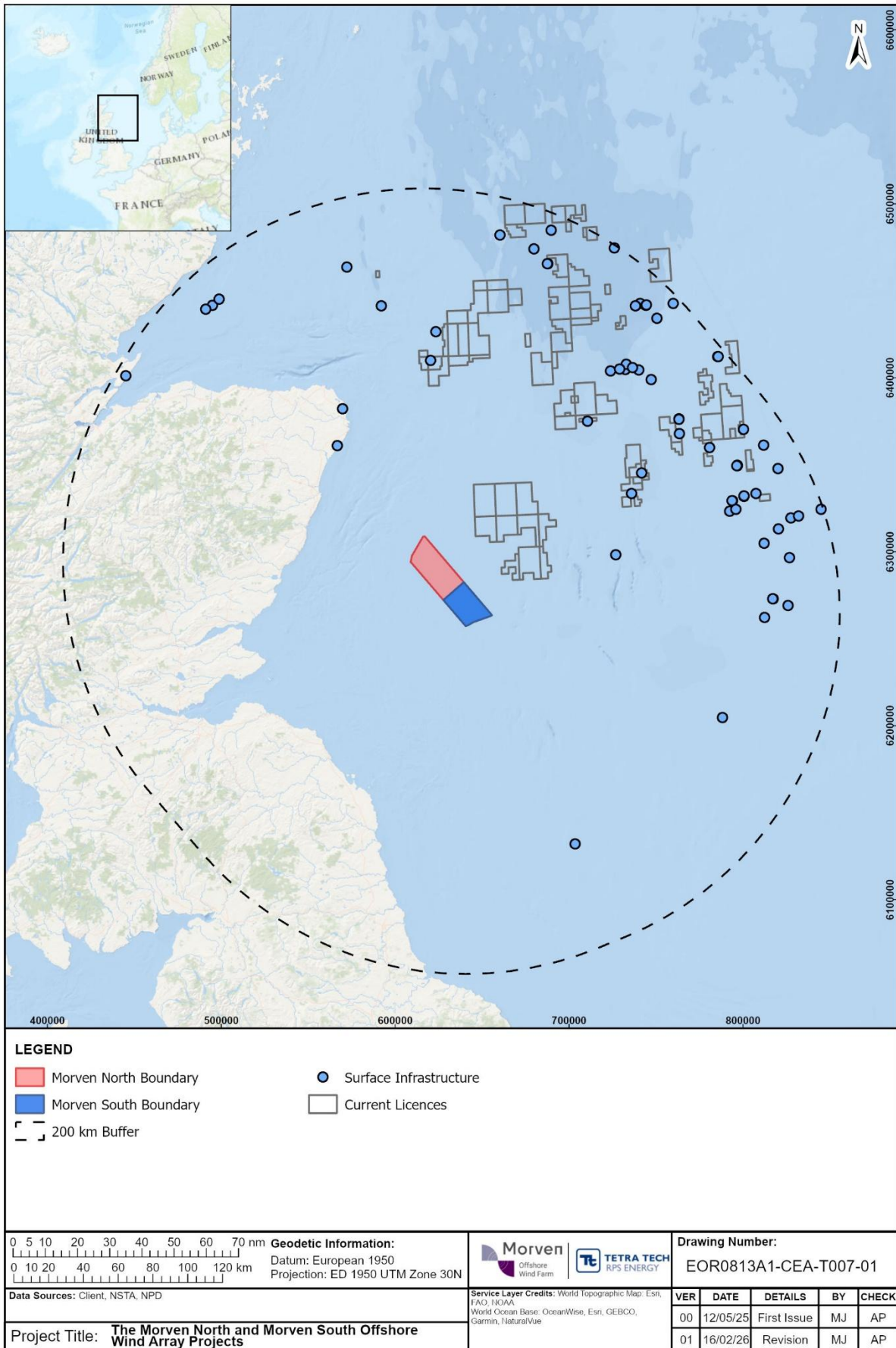
Project	Information in the Public Domain	Data Confidence Assessment	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2078	
23/16a	NSTA	High	Operational																						
23/21b	NSTA	High	Operational																						
23/26e	NSTA	High	Operational																						
23/26g	NSTA	High	Operational																						
15/28b	NSTA	High	Operational																						
15/29c	NSTA	High	Operational																						
21/30g	NSTA	High	Operational																						
21/30h	NSTA	High	Operational																						
22/10b	NSTA	High	Operational																						
22/12b	NSTA	High	Operational																						
22/15c	NSTA	High	Operational																						
22/21d	NSTA	High	Operational																						
22/24f	NSTA	High	Operational																						
22/25e	NSTA	High	Operational																						
22/26e	NSTA	High	Operational																						
22/29b	NSTA	High	Operational																						
22/30d	NSTA	High	Operational																						
23/11b	NSTA	High	Operational																						
23/16d	NSTA	High	Operational																						
23/16e	NSTA	High	Operational																						
23/17a	NSTA	High	Operational																						
23/26c	NSTA	High	Operational																						
23/6	NSTA	High	Operational																						
27/10a	NSTA	High	Operational																						

Project	Information in the Public Domain	Data Confidence Assessment	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2078
27/3a	NSTA	High	Operational																					
27/4a	NSTA	High	Operational																					
27/5a	NSTA	High	Operational																					
27/9a	NSTA	High	Operational																					
28/1a	NSTA	High	Operational																					
28/6a	NSTA	High	Operational																					
29/10c	NSTA	High	Operational																					
29/15	NSTA	High	Operational																					
29/16	NSTA	High	Operational																					
29/17	NSTA	High	Operational																					
29/18	NSTA	High	Operational																					
29/19	NSTA	High	Operational																					
29/21	NSTA	High	Operational																					
29/22	NSTA	High	Operational																					
29/23	NSTA	High	Operational																					
29/27	NSTA	High	Operational																					
29/28	NSTA	High	Operational																					
29/2a	NSTA	High	Operational																					
29/2c	NSTA	High	Operational																					
29/3b	NSTA	High	Operational																					
29/5a	NSTA	High	Operational																					
29/7b	NSTA	High	Operational																					
30/11c	NSTA	High	Operational																					
30/13b	NSTA	High	Operational																					

Project	Information in the Public Domain	Data Confidence Assessment	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2078	
30/16i	NSTA	High	Operational																						
30/1a	NSTA	High	Operational																						
30/1b	NSTA	High	Operational																						
30/2b	NSTA	High	Operational																						
30/2e	NSTA	High	Operational																						
30/2f	NSTA	High	Operational																						
30/2g	NSTA	High	Operational																						
30/3c	NSTA	High	Operational																						
30/6c	NSTA	High	Operational																						
30/6d	NSTA	High	Operational																						
30/7d	NSTA	High	Operational																						
30/8a	NSTA	High	Operational																						
30/11a	NSTA	High	Operational																						
30/12c	NSTA	High	Operational																						
30/12d	NSTA	High	Operational																						
30/13c	NSTA	High	Operational																						
30/17h	NSTA	High	Operational																						
30/18c	NSTA	High	Operational																						
30/1d	NSTA	High	Operational																						
30/6a	NSTA	High	Operational																						
36/14a	NSTA	High	Operational																						
36/15a	NSTA	High	Operational																						
36/19	NSTA	High	Operational																						
36/20	NSTA	High	Operational																						

Project	Information in the Public Domain	Data Confidence Assessment	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2078	
36/30b	NSTA	High	Operational																						
36/30c	NSTA	High	Operational																						
37/11a	NSTA	High	Operational																						
37/16	NSTA	High	Operational																						
37/26	NSTA	High	Operational																						
37/27	NSTA	High	Operational																						
41/10a	NSTA	High	Operational																						
41/5a	NSTA	High	Operational																						
42/1a	NSTA	High	Operational																						
42/2b	NSTA	High	Operational																						
42/3	NSTA	High	Operational																						
42/4	NSTA	High	Operational																						
42/5b	NSTA	High	Operational																						
42/5c	NSTA	High	Operational																						
42/7a	NSTA	High	Operational																						
42/8a	NSTA	High	Operational																						
43/1a	NSTA	High	Operational																						
1/2-1 IM Blane	NPD	Low	Operational																						
1/2-1 PE Blane	NPD	Low	Operational																						
1/2-1 PW Blane	NPD	Low	Operational																						
36/22-BP	NPD	Low	Operational																						
37/4-BP	NPD	Low	Operational																						
13/23a	NSTA	Low	Operational																						
<b>United Kingdom - Other infrastructure within 200km of Morven North and Morven South</b>																									
<b>Tier 1 (submitted, consented under construction, or operational)</b>																									

Project	Information in the Public Domain	Data Confidence Assessment	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2078
CRUDE BAY TANKS TERMINAL - 700002381	NSTA	Medium	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
NIGG BAY TERMINAL - 700002431	NSTA	Medium	Decommissioning	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
ST FERGUS GAS TERMINAL - 700002376	NSTA	High	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
<b>Decommissioned projects</b>																								
JACKY WELLHEAD PLATFORM		High	Decommissioned	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
BOOSTER PLATFORM 37/4A NORPIPE A.S - 700002350	NSTA	High	Decommissioned	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
BOOSTER PLATFORM 36/22A NORPIPE A.S - 700002351	NSTA	High	Decommissioned	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
OSELVAR	NPD	High	Decommissioned	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
SALTIRE	NSTA	High	Decommissioned	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey



ApX Figure 7: Oil and gas projects, plans and activities within 200km of Morven North and Morven South

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## C.4 Cumulative effects matrix – Oil and gas spatial and screening

Appendix C: Oil and Gas - Spatial and Screening

Key	Stage 3 screening criteria
a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment. <b>Screened out of assessment.</b>
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: <b>Screened in to assessment.</b>
c	Potential cumulative impact exists: <b>Screened in to assessment.</b>
d	No conceptual effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data confidence or availability: <b>Screened out of assessment.</b>
f	No physical effect-receptor overlap: <b>Screened out of assessment.</b>
g	No temporal overlap: <b>Screened out of assessment.</b>
h	Project has been withdrawn from development or operation: <b>Screened out of assessment.</b>

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
						North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South
<b>United Kingdom - Platforms within 200km of Morven North and Morven South</b>																													
<b>Tier 1</b>																													
ALBA NORTH - 700001973	Alba   Ithaca Energy	182	189	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
ANDREW - 700002158	Oil & gas field profile: Andrew Conventional Oil Field, UK (offshore-technology.com)	196	200	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
ARBROATH - 700001906	Oil & gas field profile: Arbroath Conventional Oil Field, UK (offshore-technology.com)	150	150	Operational	Medium	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
AUK A - 700002059	Oil & gas field profile: Auk Conventional Oil Field, UK (offshore-technology.com)	174	157	Operational	Medium	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
BEATRICE PLATFORM - 700002120	RP-DTABEA001-HS-0021-C02-Beatrice-Decommissioning-EIA-Scoping-Report_2023-11-10-155430_mcam.pdf	180	215	Decommissioning	High	f	f	d	d	h	h	g	g	d	d	g	g	g	g	g	g	d	d	f	f	d	d	d	d
BRITANNIA - 700001971	Oil & gas field profile: Britannia Conventional Gas Field, UK (offshore-technology.com)	184	191	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
BRITANNIA BLP - 700002799	Captain   Ithaca Energy	184	191	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
CAPTAIN Wellhead Protection Platform A - 700002131	Oil & gas field profile: Captain Heavy Oil Field, UK (offshore-technology.com)	160	193	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
CATS RISER - 700001916	CATS Pipeline   Kellas Midstream	195	195	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
CLAYMORE Accommodation Platform - 700002126	Oil & gas field profile: Claymore Conventional Oil Field, UK (offshore-technology.com)	179	201	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
CLAYMORE Production Platform - 700002127	Oil & gas field profile: Claymore Conventional Oil Field, UK (offshore-technology.com)	179	201	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
CLYDE - 700002123	Oil & gas field profile: Clyde Conventional Oil Field, UK	187	170	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
CULZEAN LIVING QTRS AND UTILITY (ULQ) - 700003768	Culzean: a large gas project in the North Sea   TotalEnergies.com	171	165	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
CULZEAN PROCESSING PLATFORM (CPF) - 700003767	Culzean: a large gas project in the North Sea   TotalEnergies.com	171	165	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
CULZEAN Wellhead Platform JACKET - 700003731	Culzean: a large gas project in the North Sea   TotalEnergies.com	171	165	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
ELGIN A Wellhead Platform - 700002140	Oil & gas field profile: Elgin Conventional Gas Field, UK (offshore-technology.com)	161	153	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
ELGIN B Wellhead Platform - 700003444	Oil & gas field profile: Elgin Conventional Gas Field, UK (offshore-technology.com)	161	153	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
ELGIN Process. Utilities and Quarters platform - 700002139	Oil & gas field profile: Elgin Conventional Gas Field, UK (offshore-technology.com)	161	153	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
ERSKINE - 700002132	Oil & gas field profile: Erskine Conventional Gas Field, UK (offshore-technology.com)	176	167	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
ETAP Processing Drilling and Riser - 700001947	Eastern Trough Area Project (ETAP), North Sea Central, UK - Offshore Technology (offshore-technology.com)	161	158	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
ETAP Quarters and Utilities - 700001948	Eastern Trough Area Project (ETAP), North Sea Central, UK - Offshore Technology (offshore-technology.com)	161	158	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Forties Alpha Satellite Platform - 700003547	Forties Area - APA Corporation	154	157	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
FORTIES ALPHA - 700001917	Forties Area - APA Corporation	154	157	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
FORTIES BRAVO - 700001918	Forties Area - APA Corporation	154	157	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
FORTIES CHARLIE - 700001919	BP Forties System The Largest Offshore Oil Gathering Network in the World   Hydraulic Analysis Limited (hydraulic-analysis.com)	148	152	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
FORTIES DELTA - 700002147	Forties Area - APA Corporation	150	153	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
FORTIES ECHO - 700001920	Forties Area - APA Corporation	156	158	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
FORTIES UNITY - 700002160	Forties Area - APA Corporation	143	148	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
FRANKLIN Wellhead Platform - 700003787	Elgin-Franklin Offshore Field, North Sea - Offshore Technology (offshore-technology.com)	162	153	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
FULMAR A - 700002073	Fulmar Field Decommissioning, North Sea, UK	178	162	Decommissioning	High	f	f	d	d	f	f	g	g	d	d	g	g	f	f	f	f	d	d	f	f	d	d	d	d
FULMAR AD - 700002169	Fulmar Field Decommissioning, North Sea, UK	178	162	Decommissioning	High	f	f	d	d	f	f	g	g	d	d	g	g	f	f	f	f	d	d	f	f	d	d	d	d
GANNET A - 700002076	Oil & gas field profile: Gannet A Conventional Oil Field, UK (offshore-technology.com)	120	118	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
GOLDEN EAGLE Process Utilities and Quarters PLATFORM - 700003524	Oil & gas field profile: Golden Eagle Conventional Oil Field, UK (offshore-technology.com)	118	145	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
GOLDEN EAGLE WELLHEAD PLATFORM - 700003526	Oil & gas field profile: Golden Eagle Conventional Oil Field, UK (offshore-technology.com)	118	145	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
JACKDAW	Shell submits new climate assessment for Jackdaw gas field - BBC News <a href="https://www.shell.co.uk/about-us/what-we-do/oil-and-gas/shell-jackdaw-project.html">https://www.shell.co.uk/about-us/what-we-do/oil-and-gas/shell-jackdaw-project.html</a>	192	181	Under Construction	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
JADE - 700002494	Jade Conventional Gas Field, UK (offshore-technology.com)	183	172	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
JUDY - 700002050	Oil & gas field profile: Judy Conventional Gas Field, UK (offshore-technology.com)	188	174	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
KITTIWAKE - 700002084	Scolty and Crathes Field Development, North Sea - Offshore Technology (offshore-technology.com)	114	117	Operational	Medium	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
LOMOND - 700001945	Oil & gas field profile: Lomond Conventional Gas Field, UK (offshore-technology.com)	190	184	Operational	Medium	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
MONTROSE A - 700001950	New Montrose Platform Successfully Installed (repsolsinopecuk.com)	155	155	Operational	Medium	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
MONTROSE Bridge Linked PLATFORM - 700003749	New Montrose Platform Successfully Installed (repsolsinopecuk.com)	155	155	Operational	Medium	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
MUNGO - 700002152	Oil & gas field profile: Mungo Conventional Oil Field, UK (offshore-technology.com)	183	180	Operational	Medium	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
NELSON A - 0	NELSON 021799_Asset Fact Sheets MARKETING-Dec2024	158	159	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
NORTH EVEREST - 700001915	Oil & gas field profile: Everest Conventional Gas Field, UK (offshore-technology.com) <a href="https://www.harbourenergy.com/operations/uk-north-sea/ae/#:~:text=North%20Everest%20in%20Block%202022%2F10a-A%20is%20a%20combined,subsea%20wellheads%20and%20Everest%20East%20Expansion%20%28EEE%29%20wells">https://www.harbourenergy.com/operations/uk-north-sea/ae/#:~:text=North%20Everest%20in%20Block%202022%2F10a-A%20is%20a%20combined,subsea%20wellheads%20and%20Everest%20East%20Expansion%20%28EEE%29%20wells</a>	195	195	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
PIPER B - 700002128	Piper Bravo Confirmed for Marigold Field Development (repsolsinopecuk.com)	190	208	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
PRODUCTION (P) JACKET - 700002574 BUZZARD	Buzzard oil field - Wikipedia	101	129	Operational	Low	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
QUARTERS UTILITIES (QU) JACKET - 700002576 BUZZARD	Buzzard oil field - Wikipedia	101	129	Operational	Low	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
SCOTT JD - 700001883	Oil & gas field profile: Scott Conventional Oil Field, UK	172	189	Operational	Medium	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
						f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
SCOTT JU - 700001884	Oil & gas field profile: Scott Conventional Oil Field, UK	172	189	Operational	Medium	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
SHEARWATER A - 0	Shearwater Conventional Gas Field, UK (offshore-technology.com)	169	160	Operational	Medium	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
SHEARWATER C - 0	Shearwater Conventional Gas Field, UK (offshore-technology.com)	169	160	Operational	Medium	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
Tartan Alpha	Microsoft Word - Decommissioning Programme (Topsides) - Final Approved October 2022.doc	177	196	Decommissioning	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	g	g	d	d	f	f	d	d	d	d
WELLHEAD (W) - 700002575 BUZZARD	Buzzard oil field - Wikipedia	101	129	Operational	Low	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
WEST FRANKLIN WHP - 700002141	West Franklin Phase 2, North Sea - Offshore Technology (offshore-technology.com)	158	149	Operational	Medium	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
<b>United Kingdom - Floating Production Storage and Offloading (FPSO) within 200km of Morven North and Morven South</b>																													
<b>Tier 1 (submitted, consented under construction, or operational)</b>																													
ALBA - 700001974		180	187	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
ANASURIA - 700002106	Hibiscus Petroleum   United Kingdom	114	114	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
CAPTAIN BLPA - 700002135	Ithaca sanctions EOR Stage 2 project at Captain field offshore UK <a href="https://www.ithacaenergy.com/assets/captain">https://www.ithacaenergy.com/assets/captain</a>	161	193	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
CATCHER - 700003809	Catcher Area   Harbour Energy   Harbour Energy	89	79	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	a	a	f	f	d	d	f	f	d	d	d	d
FPF1 - 700003828	Operations   Ithaca Energy	174	162	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
FPSO GLOBAL PRODUCER III - 700002028	NSTA - Licence Documents	199	211	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
HUMMINGBIRD FPSO - 700003828	Teekay hands over FPSO vessel for UK project with potential to be powered by offshore wind - Offshore Energy <a href="https://www.offshore-energy.biz/teekay-hands-over-fpso-vessel-for-uk-project-with-potential-to-be-powered-by-offshore-wind/">https://www.offshore-energy.biz/teekay-hands-over-fpso-vessel-for-uk-project-with-potential-to-be-powered-by-offshore-wind/</a>	183	188	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
PIERCE FPSO HAEWENE BRIM - 700002130	PIERCE 021799_Asset Fact Sheets MARKETING-Dec2024	192	185	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
ROSS - 700002125	Provision of Information - Repsol Resources UK	134	166	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
TRITON - 700001886	Triton Area	109	106	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
<b>United Kingdom - Licence Blocks within 200km of Morven North and Morven South</b>																													
<b>Tier 1 (submitted, consented under construction, or operational)</b>																													
13/23c	<a href="https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about">https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about</a>	151	182	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
14/15a	<a href="https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about">https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about</a>	185	207	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
14/20d	<a href="https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about">https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about</a>	179	200	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
14/23a	<a href="https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about">https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about</a>	144	168	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
14/24a	<a href="https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about">https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about</a>	146	168	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
14/27a	<a href="https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about">https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about</a>	123	149	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
14/28a	<a href="https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about">https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about</a>	125	149	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
14/29a	<a href="https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about">https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about</a>	134	155	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
14/30a	<a href="https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about">https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about</a>	141	161	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
15/11a	<a href="https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about">https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about</a>	189	209	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
15/12a	<a href="https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about">https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about</a>	195	213	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
15/13c	<a href="https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about">https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about</a>	198	215	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
15/18a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	195	210	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
15/18c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	193	210	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
15/19a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	194	209	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
15/22b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	167	183	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
15/23b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	166	180	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
15/27a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	144	159	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
15/28a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	151	163	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
15/29d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	174	184	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
16/22b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	196	203	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
19/10a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	96	124	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
19/5a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	103	131	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
20/1b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	104	130	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
20/28	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	29	38	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	a	a	f	f	d	d	a	a	d	d	d	d
20/29	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	39	42	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	a	a	f	f	d	d	a	a	d	d	d	d
20/2d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	106	130	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
20/30a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	48	49	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	a	a	f	f	d	d	a	a	d	d	d	d
20/3a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	107	130	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
20/5a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	123	140	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
20/6a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	96	123	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
20/6d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	87	114	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	a	a	f	f	d	d	f	f	d	d	d	d
20/7d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	99	125	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
20/8c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	104	127	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/25c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	111	110	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/2a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	129	142	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/12a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	106	112	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/12b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	102	109	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
21/12c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	114	120	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/13a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	116	121	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/13b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	111	115	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/14b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	121	123	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/17a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	97	102	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/18a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	110	114	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/18b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	115	118	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/18d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	109	112	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/19b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	118	120	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/19c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	118	118	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/1a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	125	141	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/1b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	122	137	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/24d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	112	112	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/25b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	113	112	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/26a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	58	58	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	a	a	f	f	d	d	f	f	d	d	d	d
21/2d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	138	149	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/30b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	113	111	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/30f	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	101	97	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/30i	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	108	103	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/3d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	148	160	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/4c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	157	167	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/5c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	162	170	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/5d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	163	171	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/6a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	107	120	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/7b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	121	133	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/14c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	170	170	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
22/15a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	179	178	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/17s	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	143	143	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/18c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	156	154	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/18e	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	158	156	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/19a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	160	157	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/19c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	162	161	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/20a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	180	177	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/20c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	171	167	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/20d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	174	171	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/21b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	119	117	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/22a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	142	141	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/24h	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	154	149	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/24k	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	159	156	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/26a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	118	116	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/9b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	180	180	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
23/16a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	182	178	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
23/21b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	175	169	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
23/26e	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	176	167	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
23/26g	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	175	168	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
15/28b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	155	168	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
15/29c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	158	169	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/30g	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	107	104	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
21/30h	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	105	103	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/10b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	192	192	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/12b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	149	149	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/15c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	186	186	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
22/21d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	124	123	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/24f	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	159	154	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/25e	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	165	160	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/26e	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	116	113	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/29b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	156	147	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
22/30d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	159	152	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
23/11b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	191	190	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
23/16d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	182	178	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
23/16e	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	195	192	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
23/17a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	193	188	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
23/26c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	170	162	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
23/6	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	199	199	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
27/10a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	32	25	Operational	High	f	d	a	a	f	f	a	a	d	d	a	a	a	a	f	f	d	d	a	a	d	d	d	d
27/3a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	22	27	Operational	High	d	d	a	a	f	f	a	a	d	d	a	a	a	a	f	f	d	d	a	a	d	d	d	d
27/4a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	30	30	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	a	a	f	f	d	d	a	a	d	d	d	d
27/5a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	41	41	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	a	a	f	f	d	d	a	a	d	d	d	d
27/9a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	22	20	Operational	High	d	d	a	a	f	f	a	a	d	d	a	a	a	a	f	f	d	d	a	a	d	d	d	d
28/1a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	48	46	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	a	a	f	f	d	d	a	a	d	d	d	d
28/6a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	44	35	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	a	a	f	f	d	d	a	a	d	d	d	d
29/10c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	155	144	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
29/15	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	155	140	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
29/16	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	108	91	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	a	a	f	f	d	d	f	f	d	d	d	d
29/17	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	120	103	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
29/18	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	132	115	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
29/19	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	144	128	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
29/21	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	112	92	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	a	a	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
29/22	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	124	105	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
29/23	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	136	117	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
29/27	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	131	109	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
29/28	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	142	121	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
29/2a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	119	109	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
29/2c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	120	111	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
29/3b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	131	121	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
29/5a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	156	144	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
29/7b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	118	106	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/11c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	167	152	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/13b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	203	187	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/16i	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	168	152	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/1a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	169	159	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/1b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	178	167	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/2b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	182	172	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/2e	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	187	175	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/2f	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	180	169	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/2g	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	181	170	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/3c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	192	180	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/6c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	167	154	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/6d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	167	153	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/7d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	188	175	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/8a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	192	178	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/11a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	173	159	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/12c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	187	172	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/12d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	179	165	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
30/13c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	192	177	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/17h	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	185	169	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/18c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	193	177	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/1d	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	176	166	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
30/6a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	167	155	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
36/14a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	145	121	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
36/15a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	153	128	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
36/19	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	153	129	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
36/20	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	161	136	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
36/30b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	190	167	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
36/30c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	198	176	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
37/11a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	161	136	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
37/16	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	168	143	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
37/26	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	198	174	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
37/27	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	205	181	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
41/10a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	201	183	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
41/5a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	190	172	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
42/1a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	192	174	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
42/2b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	203	184	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
42/3	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	194	174	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
42/4	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	200	179	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
42/5b	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	209	187	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
42/5c	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	206	184	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
42/7a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	208	189	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
42/8a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	211	192	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
43/1a	https://hub.arcgis.com/documents/NS TAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about	213	190	Operational	High	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
1/2-1 IM Blane	https://www.sodir.no/en/about-us/open-data/	196	185	Operational	Low	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d

Project	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
1/2-1 PE Blane	<a href="https://www.sodir.no/en/about-us/open-data/">https://www.sodir.no/en/about-us/open-data/</a>	196	185	Operational	Low	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
1/2-1 PW Blane	<a href="https://www.sodir.no/en/about-us/open-data/">https://www.sodir.no/en/about-us/open-data/</a>	196	185	Operational	Low	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
36/22-BP	<a href="https://www.sodir.no/en/about-us/open-data/">https://www.sodir.no/en/about-us/open-data/</a>	159	140	Operational	Low	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
37/4-BP	<a href="https://www.sodir.no/en/about-us/open-data/">https://www.sodir.no/en/about-us/open-data/</a>	168	145	Operational	Low	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
13/23a	<a href="https://hub.arcgis.com/documents/NS-TAAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about">https://hub.arcgis.com/documents/NS-TAAUTHORITY::nsta-offshore-zipped-shapefiles-ed50/about</a>	155	186	Operational	Low	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
<b>United Kingdom - Other infrastructure within 200km of Morven North and Morven South</b>																													
<b>Tier 1 (submitted, consented under construction, or operational)</b>																													
CRUDE BAY TANKS TERMINAL - 700002381	<a href="https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/992939/Total_Environmental_Annual_Statement_2020.pdf">https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/992939/Total_Environmental_Annual_Statement_2020.pdf</a>	72	107	Operational	Medium	f	f	a	a	f	f	a	a	d	d	a	a	a	a	f	f	d	d	f	f	d	d	d	d
NIGG BAY TERMINAL - 700002431	Decommissioning kicks off at decades-old Nigg oil terminal	194	223	Decommissioning	Medium	f	f	d	d	f	f	a	a	d	d	a	a	f	f	f	f	d	d	f	f	d	d	d	d
ST FERGUS GAS TERMINAL - 700002376	NSMP   St. Fergus Gas Terminal	87	122	Operational	High	f	f	a	a	f	f	a	a	d	d	a	a	a	a	f	f	d	d	f	f	d	d	d	d
<b>Decommissioned projects</b>																													
JACKY WELLHEAD PLATFORM	Jacky_Wellhead_Platform_Decommissioning_Programmes.pdf			Decommissioned	High	f	f	d	d	h	h	g	g	d	d	g	g	g	g	g	g	d	d	f	f	d	d	d	d
BOOSTER PLATFORM 37/4A NORPIPE A.S - 700002350	Norpipe 36/22 A – Ekofisk	168	145	Decommissioned	High	f	f	d	d	f	f	g	g	d	d	g	g	g	g	f	f	d	d	f	f	d	d	d	d
BOOSTER PLATFORM 36/22A NORPIPE A.S - 700002351	Norpipe 36/22 A – Ekofisk	159	140	Decommissioned	High	f	f	d	d	f	f	g	g	d	d	g	g	g	g	f	f	d	d	f	f	d	d	d	d
OSELVAR	<a href="https://www.sodir.no/en/about-us/open-data/">https://www.sodir.no/en/about-us/open-data/</a> <a href="https://www.norskpeteroleum.no/en/facts/field/oselvar/">https://www.norskpeteroleum.no/en/facts/field/oselvar/</a>	210	199	Decommissioned	High	f	f	d	d	f	f	g	g	d	d	g	g	g	g	f	f	d	d	f	f	d	d	d	d
SALTIRE	SALTIRE_A_TOPSIDES__SUBSEA_DECOMMISSIONING_PROGRAMME_-_FINAL.PDF	188	205	Decommissioned	High	f	f	d	d	f	f	g	g	d	d	g	g	g	g	f	f	d	d	f	f	d	d	d	d

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## **C.5 Cumulative effects matrix – Coastal temporal**

The Coastal projects, plans and activities are shown in Apx Figure 8.

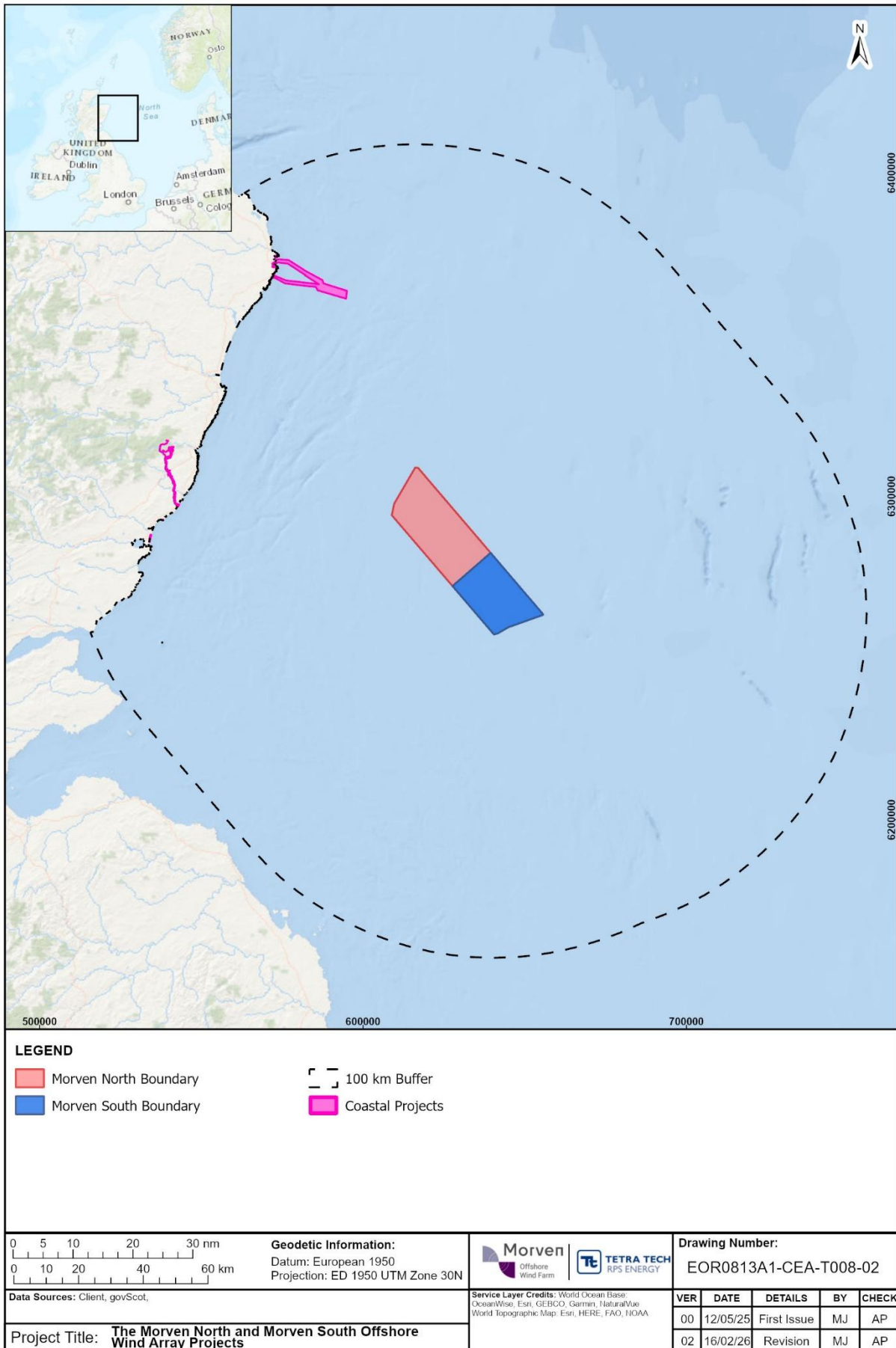
### Appendix C: Coastal projects - Temporal

Key	Project Status
	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning
	Project has been withdrawn from development or operation

NOTE - Where projects are pre-approval and have no known operation schedule, no construction window is indicated

								Coastal Applications: Temporal																							
								Offshore Construction Window (BLUE line denotes the construction window for Morven North and Morven South, where both projects are to be built sequentially. GREEN line denotes the indicative date of first operation for either Morven North or Morven South where the projects are built sequentially).																							
Project ID	Project Name	Project Type	Data Confidence Assessment	Licence Reference	Local authority	Document referenced	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2078			
<b>United Kingdom - Coastal applications up to 100m landward of the mean high water (MHW) line and within 100km of Morven North and Morven South</b>																															
<b>Tier 1</b>																															
424	Sea and flood extension	Construction of new works	High	APP/2020/2191	Aberdeenshire	APP/2020/2191   Extension to Existing Sea and Flood Protection Measures   Murray McBay And Co Murray McBay Lobster Merchant Fore Street Johnshaven Aberdeenshire DD10 0EU	Active/In Operation																								
512	Peterhead Power Station	Construction of new works	High	APP/2022/0846	Aberdeenshire	APP/2022/0846   Consultation under Section 36 for Erection of Low Carbon Electricity Generating Comprising a High Efficiency Combined Cycle Gas Turbine (CCGT) Unit, Carbon Capture Plant, Works to Existing Cooling Water, Natural Gas and Electrical Grid Connections, Other Ancillary and Associated Works   Land At Peterhead Power Station Boddam Aberdeenshire	Active/In Operation																								
493	Rock armour Installation	Construction of new works	High	APP/2024/1060	Aberdeenshire	APP/2024/1060   Installation Of Rock Armour   Land Adjacent To Tangleha House St Cyrus Aberdeenshire DD10 0DQ	Active/In Operation																								
217	Smith Quay Extension	Construction of new works	High	ENQ/2024/0700	Aberdeenshire	scr-0084_-_peterhead_port_authority_per_niras_-_quay_extension_-_smith_quay_peterhead_-_screening_request_report_-_30_april_2.pdf	Active/In Operation																								
68	Bowdun Offshore Wind Farm - Onshore Transmission Infrastructure	Construction of new works	High	APP/2025/1952	Aberdeenshire	APP/2025/1952   National Onshore Infrastructure Associated with the Proposed Bowdun Offshore Wind Farm Including Export Cable Landfall and Cable Circuits, Erection of Substation and Associated Works   Bowdun Offshore Windfarm (Onshore Infrastructure) Land At Benholm, Johnshaven Connecting To Fetteresso Forest Aberdeenshire	Active/In Operation																								

Project ID	Project Name	Project Type	Data Confidence Assessment	Licence Reference	Local authority	Document referenced	Status of Development	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044-2078
1370	Montrose Dune Restoration	Construction of new works	High	24/00233/EIASCR	Angus	24/00233/EIASCR   Dune restoration comprising construction of groynes, beach nourishment and formation of vehicular access to beach   Montrose Bay Traill Drive Montrose	Active/In Operation	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
22	Montrose rock armour construction	Construction of new works and dune infill works	High	24/00233/EIASCR	Angus	24/00233/EIASCR   Dune restoration comprising construction of groynes, beach nourishment and formation of vehicular access to beach   Montrose Bay Traill Drive Montrose	Active/In Operation	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
<b>Tier 2</b>																												
212	CNSE Project Central North Sea	Proposed offshore HVDC grid project aiming to power oil and gas platforms with clean electricity,	High	ENQ/2023/0876	Aberdeenshire	ENQ/2023/0876   Offshore Wind Farm Project   CNSE Project Central North Sea	Consenting/Pre-Construction	Green	Green	Green	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow



Apx Figure 8: Coastal projects, plans and activities within 100km of Morven North and Morven South

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## C.6 Cumulative effects matrix – Coastal spatial and screening

### Appendix C: Coastal projects - Spatial and Screening

Key	Stage 3 screening criteria
a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment. <b>Screened out of assessment.</b>
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: <b>Screened in to assessment.</b>
c	Potential cumulative impact exists: <b>Screened in to assessment.</b>
d	No conceptual effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data confidence or availability: <b>Screened out of assessment.</b>
f	No physical effect-receptor overlap: <b>Screened out of assessment.</b>
g	No temporal overlap: <b>Screened out of assessment.</b>
h	Project has been withdrawn from development or operation: <b>Screened out of assessment.</b>

Project ID	Project Name	Project Type	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
								North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South
<b>United Kingdom - Coastal applications up to 100m landward of the mean high water (MHW) line and within 100km of Morven North and Morven South</b>																															
<b>Tier 1</b>																															
424	Sea and flood extension	Construction of new works	APP/2020/2191   Extension to Existing Sea and Flood Protection Measures   Murray McBay And Co Murray McBay Lobster Merchant Fore Street Johnshaven Aberdeenshire DD10 0EU	68	90	Active/In Operation	High	f	f	d	d	f	f	a	a	d	d	d	d	d	d	f	f	d	d	f	f	d	d	d	d
512	Peterhead Power Station	Construction of new works	APP/2022/0846   Consultation under Section 36 for Erection of Low Carbon Electricity Generating Comprising a High Efficiency Combined Cycle Gas Turbine (CCGT) Unit, Carbon Capture Plant, Works to Existing Cooling Water, Natural Gas and Electrical Grid Connections, Other Ancillary and Associated Works   Land At Peterhead Power Station Boddam Aberdeenshire	76	111	Active/In Operation	High	f	f	d	d	f	f	a	a	d	d	d	d	d	d	f	f	d	d	f	f	d	d	d	d
493	Rock armour Installation	Construction of new works	APP/2024/1060   Installation Of Rock Armour   Land Adjacent To Tangleha House St Cyrus Aberdeenshire DD10 0DQ	71	92	Active/In Operation	High	f	f	d	d	f	f	a	a	d	d	d	d	d	d	f	f	d	d	f	f	d	d	d	d
217	Smith Quay Extension	Construction of new works	scr-0084_-_peterhead_port_authority_per_niras_-_quay_extension_-_smith_quay_peterhead_-_screening_request_report_-_30_april_2.pdf	78	113	Active/In Operation	High	f	f	d	d	f	f	a	a	d	d	d	d	a	a	f	f	d	d	f	f	d	d	d	d
68	Bowdun Offshore Wind Farm - Onshore Transmission Infrastructure	Construction of new works	APP/2025/1952   National Onshore Infrastructure Associated with the Proposed Bowdun Offshore Wind Farm Including Export Cable Landfall and Cable Circuits, Erection of Substation and Associated Works   Bowdun Offshore Windfarm (Onshore Infrastructure) Land At Benholm, Johnshaven Connecting To Fetteresso Forest Aberdeenshire	66	81	Active/In Operation	High	f	f	d	d	f	f	f	f	d	d	d	d	f	f	f	f	d	d	f	f	d	d	c	c
1370	Montrose Dune Restoration	Construction of new works	24/00233/EIASCR   Dune restoration comprising construction of groynes, beach nourishment and formation of vehicular access to beach   Montrose Bay Traill Drive Montrose	75	94	Active/In Operation	High	f	f	d	d	f	f	a	a	d	d	d	d	d	d	f	f	d	d	f	f	d	d	d	d
22	Montrose rock armour construction	Construction of new works and dune infill works	24/00233/EIASCR   Dune restoration comprising construction of groynes, beach nourishment and formation of vehicular access to beach   Montrose Bay Traill Drive Montrose	75	95	Active/In Operation	High	f	f	d	d	f	f	a	a	d	d	d	d	d	d	f	f	d	d	f	f	d	d	d	d
<b>Tier 2</b>																															

Project ID	Project Name	Project Type	Data Sources	Distance from Morven North Site Boundary (km)	Distance from Morven South Site Boundary (km)	Status of Development	Data Confidence	Physical Processes		Benthic Subtidal Ecology		Fish & Shellfish Ecology		Marine Mammals		Offshore Ornithology		Commercial Fisheries		Shipping and Navigation		Marine Archaeology		Aviation (Military and Civil)		Other Sea Users		Socio-economics		Human Health	
212	CNSE Project Central North Sea	Proposed offshore HVDC grid project aiming to power oil and gas platforms with clean electricity,	EIA Scoping Report	56	90	Consenting/Pre-Construction	High	f	f	e	e	f	f	a	a	d	d	d	d	e	e	f	f	d	d	f	f	d	d	d	d