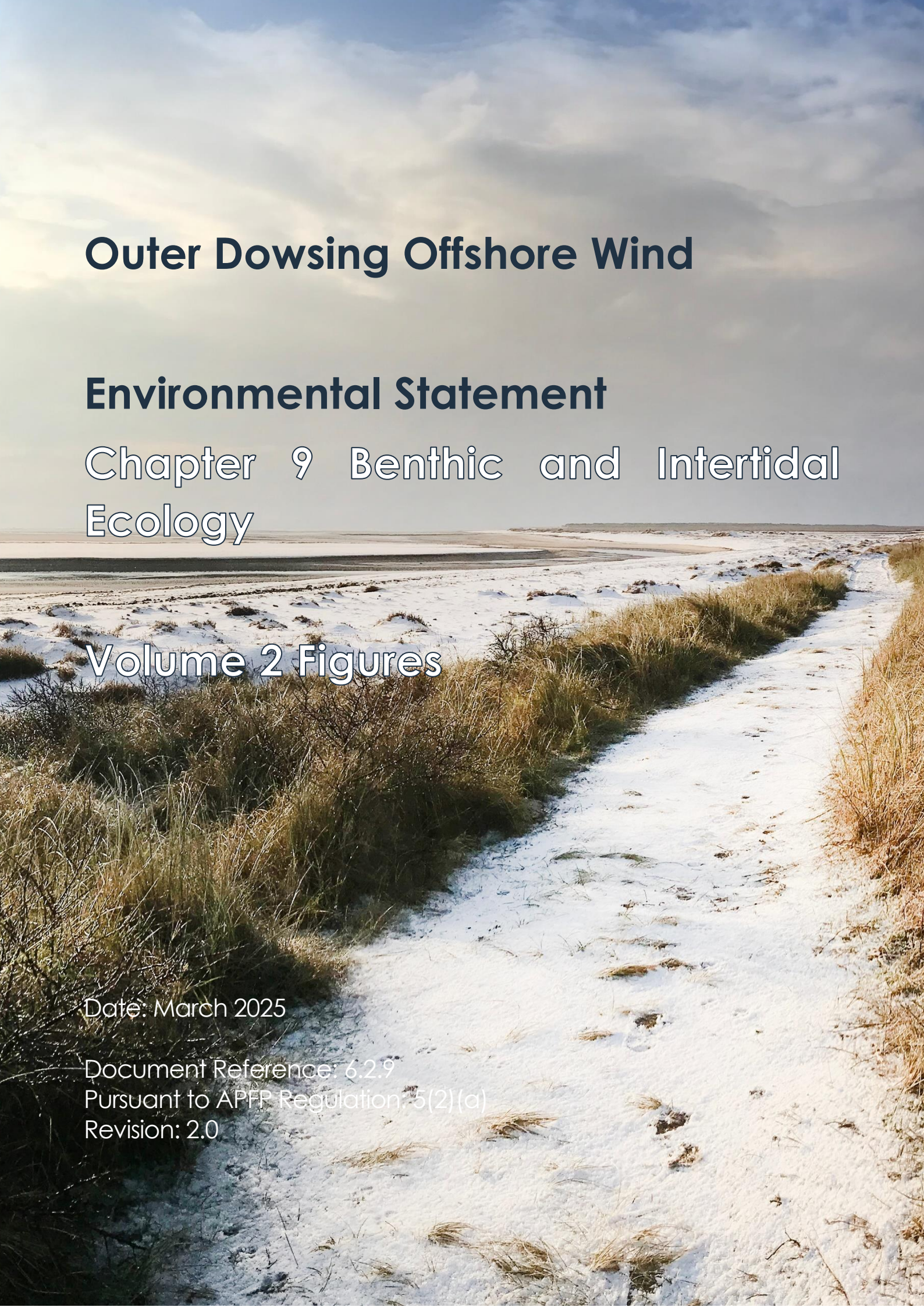


The background image is a photograph of a coastal environment. It shows a sandy path or dune area with patches of dry, yellowish-brown grass and low-lying shrubs. The path leads towards a flat, sandy beach that meets the ocean under a cloudy sky. The overall tone is natural and somewhat desolate.

Outer Dowsing Offshore Wind

Environmental Statement

Chapter 9 Benthic and Intertidal Ecology

Volume 2 Figures

Date: March 2025

Document Reference: 6.2.9

Pursuant to APFP Regulation: 5(2)(a)

Revision: 2.0

Company:		Outer Dowsing Offshore Wind		Asset:		Whole Asset	
Project:		Whole Wind Farm		Sub Project/Package:		Whole Asset	
Document Title or Description:		Chapter 9 Benthic and Intertidal Ecology					
Internal Document Number:		PP1-ODOW-DEV-CS-FIG-0009_02		3 rd Party Doc No (If applicable):		N/A	
Rev No.	Date	Status / Reason for Issue	Author	Checked by	Reviewed by	Approved by	
01	March 2024	DCO Application	GoBe	GoBe	Shepherd & Wedderburn	Outer Dowsing	
02	March 2025	Examination ES Update	GoBe	GoBe	Shepherd & Wedderburn	Outer Dowsing	

Change Log

- Examination Update: updates to reflect, where relevant: clarifications to date in Examination; correcting errata; additional commitments made through Examination; and changes to status of or addition of cumulative projects.
- Figures 9.1-9.4 and 9.6-9.7 have been updated to reflect the inclusion of the Offshore Restricted Build Area and removal of the Northern Export Cable Corridor route

Table of Figures

- Figure 9.1 Project Benthic and Intertidal Ecology Study Area (document reference 6.2.9.1)
- Figure 9.2 The Location of Existing Data Across the Project Benthic Ecology Study Area (document reference 6.2.9.2)
- Figure 9.3 Geophysical and Seabed Sediment Features Across the Project Benthic Subtidal and Intertidal Ecology Study Area (document reference 6.2.9.3)
- Figure 9.4 Sediment Types Across Benthic and Intertidal Ecology Study Area (document reference 6.2.9.4)
- Figure 9.5 Biotopes Identified within the Project Intertidal during the Phase I Survey (document reference 6.2.9.5)
- Figure 9.6 National and International Conservation Designations of Relevance to Benthic Subtidal and Intertidal Ecology within the Area of Potential Direct and Indirect Impact of the Project (document reference 6.2.9.6)
- Figure 9.7 Projects Screened into the CIA for Benthic Subtidal and Intertidal Ecology Impacts within the Benthic Study Area (document reference 6.2.9.7)

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Legend

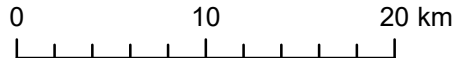
- Array Area
- Offshore Restricted Build Area
- Offshore Export Cable Corridor
- ORCP Area
- Artificial Nesting Structure Area
- Biogenic Reef Restoration Area
- Benthic Subtidal Ecology Study Area
- Intertidal Study Area

Depth (m)

- 0 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 60
- 60 - 70
- 70 - 80
- 80 - 90
- 90 - 100



Coordinate System: WGS 1984 UTM Zone 31N



Scale: 1:400,000

A3 Page Size

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Project Benthic and Intertidal Ecology Study Area

Figure 9.1



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Revision: 2.0



Contains ESRI Basemapping;
EMODnet 2020 bathymetry

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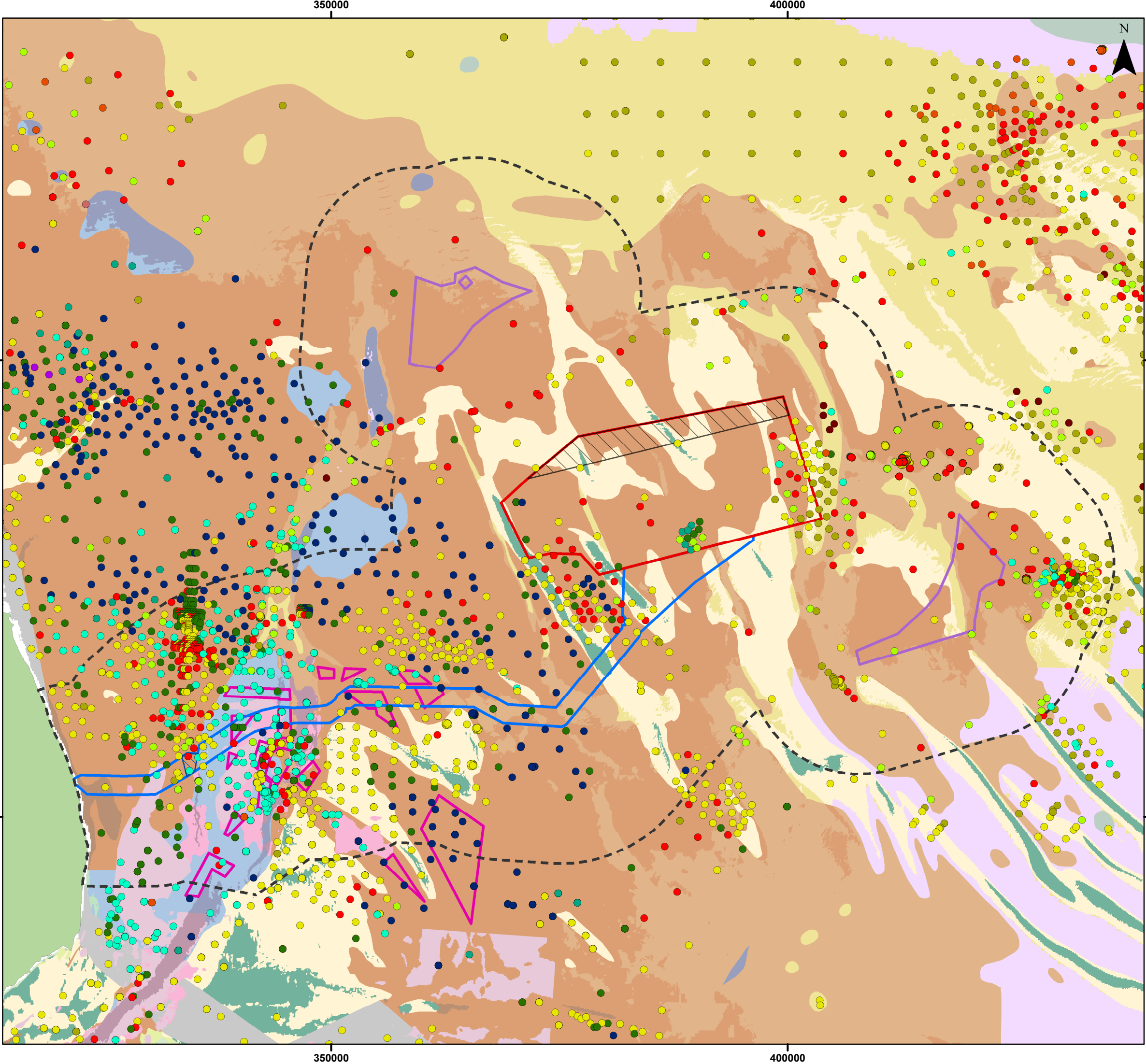
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Legend

- Array Area
- Offshore Restricted Build
- Offshore Export Cable Corridor
- ORCP Area
- Artificial Nesting Structure Area
- Biogenic Reef Restoration Area
- Benthic Subtidal Ecology Study Area

- EUSEaMap 2021 (EMODnet, 2021)**
- A4.2: Atlantic and Mediterranean moderate energy circalittoral rock
 - A4.27: Faunal communities on deep moderate energy circalittoral rock
 - A5.13: Infralittoral coarse sediment
 - A5.14: Circalittoral coarse sediment
 - A5.15: Deep circalittoral coarse sediment
 - A5.23 or A5.24: Infralittoral fine sand or Infralittoral muddy sand
 - A5.25 or A5.26: Circalittoral fine sand or Circalittoral muddy sand
 - A5.27: Deep circalittoral sand
 - A5.33: Infralittoral sandy mud
 - A5.35: Circalittoral sandy mud
 - A5.37: Deep circalittoral mud
 - A5.43: Infralittoral mixed sediments
 - A5.44: Circalittoral mixed sediments
 - A5.45: Deep circalittoral mixed sediments
 - A5.6: Sublittoral biogenic reefs
 - A5.61: Sublittoral polychaete worm reefs on sediment
 - A5.611: [Sabellaria spinulosa] on stable circalittoral mixed sediment
 - No EUNIS habitat assigned

OneBenthic Faunal Data Points (Cefas)

- | | | | |
|-------|-------|-------|-------|
| ● A1 | ● B1a | ● C1b | ● D2b |
| ● A2a | ● B1b | ● D1 | ● D2c |
| ● A2b | ● C1a | ● D2a | ● D2d |



Coordinate System: WGS 1984 UTM Zone 31N

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Scale: 1:400,000

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The Location of Existing Data Across the Project Benthic Ecology Study Area

Figure 9.2

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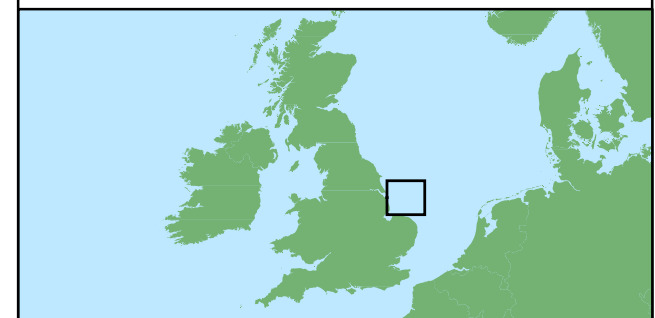
N

Legend

- Array
- Offshore Restricted Build
- Offshore Export Cable Corridor
- ORCP Area
- Artificial Nesting Structure
- Benthic Subtidal Ecology Study

Seabed Features

- Circalittoral Coarse Sand (sand with shell gravel)
- Circalittoral Coarse Sand (sand with pebbles and cobbles)
- Circalittoral Coarse Sand (sand with shell, pebbles and cobbles)
- Circalittoral Coarse Sand (sand with small pebbles)
- Circalittoral Coarse Sand with patches of Circalittoral Mixed Sediment
- Circalittoral Fine Sand
- Circalittoral Mixed Sediment
- Circalittoral Muddy Sand
- Infralittoral Coarse Sediment
- Infralittoral Fine Sand
- Infralittoral Muddy Sand
- Offshore Circalittoral Coarse
- Offshore Circalittoral Sand
- Sabellaria spinulosa on stable circalittoral mixed sediment



Coordinate System: WGS 1984 UTM Zone 31N

0 10 20 km

Scale: 1:400,000

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Geophysical and Seabed Sediment
Features Across the Project Benthic
Subtidal and Intertidal Ecology Study Area

Figure 9.3



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GoBe

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Esri, Garmin, GEBCO, NOAA
NGDC, and other
contributorsEMODnet 2020

Document Path: Z:\GIS\GIS - Projects\0152 Outer Dowsing EIA\GIS\Figures\Deadline 5\Benthic Ecology\ODOW_0152_BE_Fig 9.3 Seabed Sediment Features_V2.mxd

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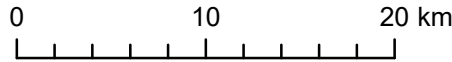
- Array Area
- Offshore Restricted Build Area
- Offshore Export Cable Corridor
- ORCP Area
- Artificial Nesting Structure Area
- Benthic Subtidal Ecology Study Area

Folk Classifications

- Sand
- Slightly Gravelly Sand
- Slightly Gravelly Muddy Sand
- Gravelly Sand
- Sandy Gravel
- Muddy Sandy Gravel
- Gravelly Muddy Sand
- Gravel



Coordinate System: WGS 1984 UTM Zone 31N



Scale: 1:400,000

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Sediment Types Across Benthic and Intertidal Ecology Study Area

Figure 9.4



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contributorsEMODnet 2020

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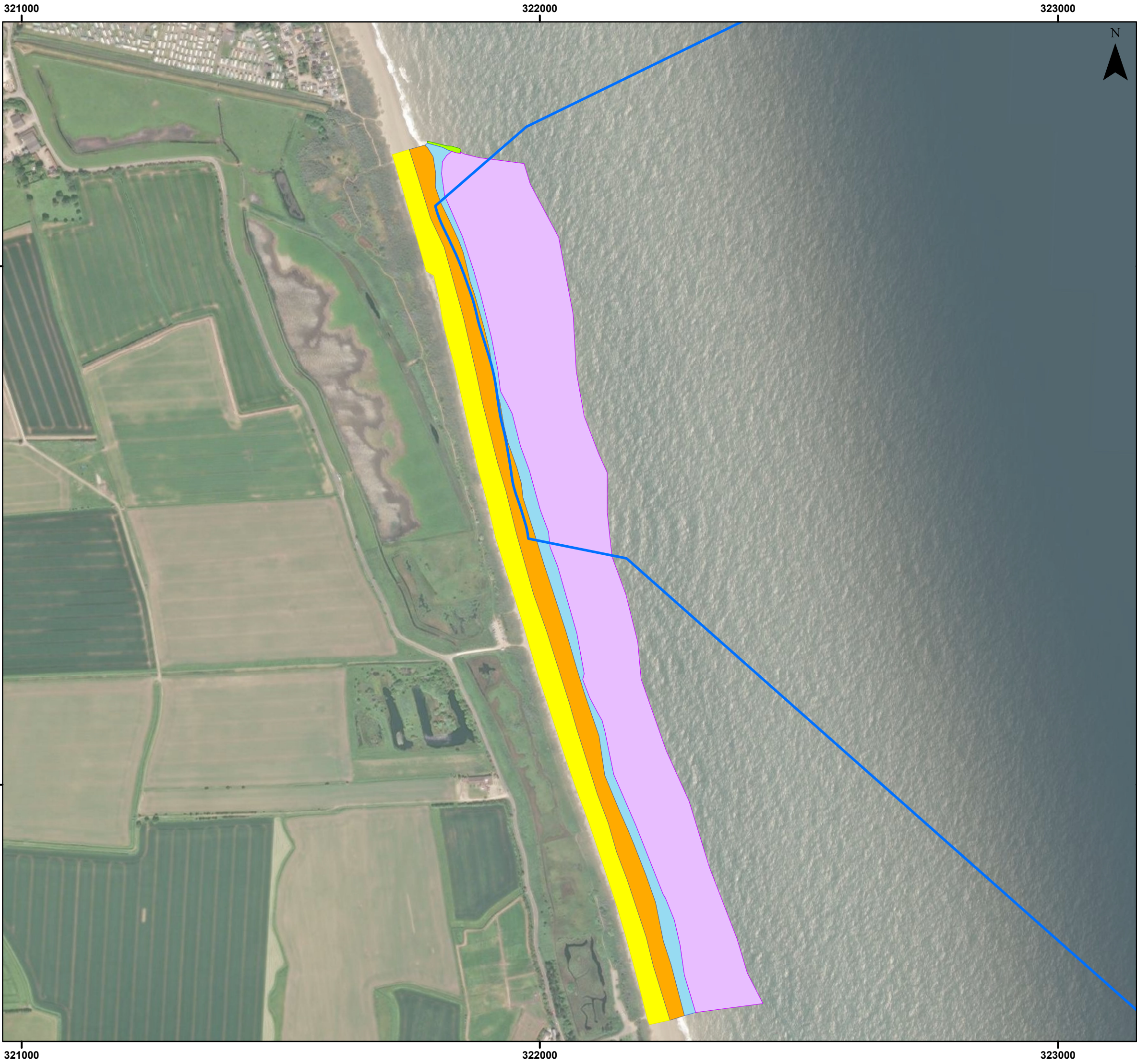
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Legend

- Offshore Export Cable Corridor
- Biotopes (EUNIS)**
 - MA123F (LR.FLR.Eph.Ulv)
 - MA5211 (LS.LSa.St.Tal)
 - MA5231 (LS.LSa.MoSa.BarSa)
 - MA5233 (LS.LSa.MoSa.AmSco)
 - MA5241 (LS.LSa.FiSa.Po)



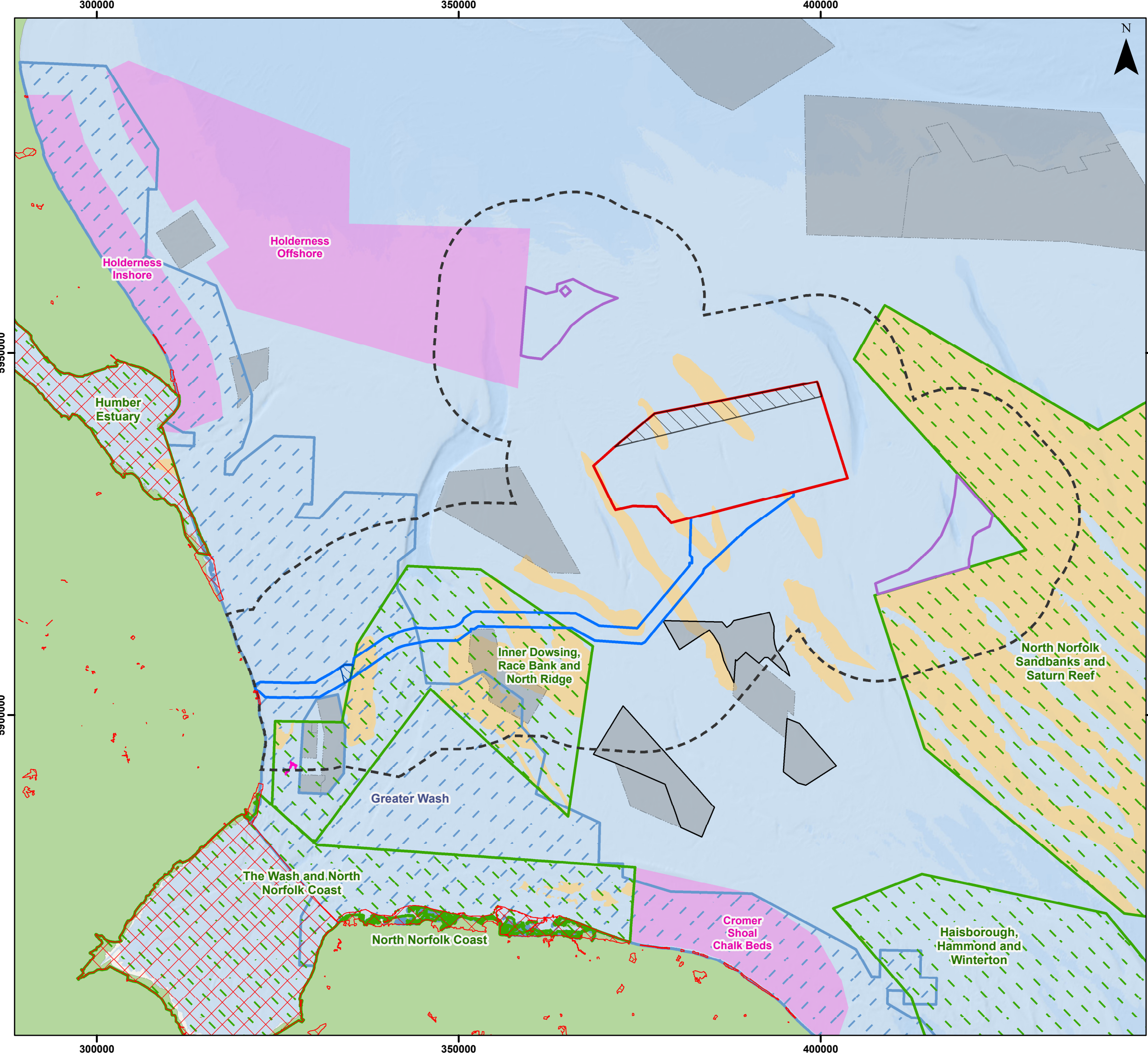
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A3 Page Size

Environmental Statement Version 2 Deadline 5

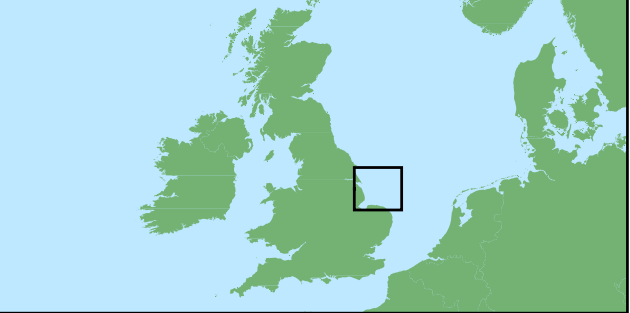
Biotopes Identified within the Project
Intertidal during the Phase I Survey

Figure 9.5





- Legend**
- Array Area
 - Offshore Restricted Build Area
 - Offshore Export Cable Corridor
 - ORCP Area
 - Artificial Nesting Structure Area
 - Benthic Subtidal Ecology Study Area
 - Offshore Wind Farms
 - Future Wind Farm Extensions
 - Special Protection Area
 - Special Area of Conservation
 - Marine Conservation Zone
 - Annex I Sandbank
 - Annex I Reefs
 - Sites of Special Scientific Interest



Coordinate System: WGS 1984 UTM Zone 31N
0 10 20 km
Scale: 1:500,000 A3 Page Size

Environmental Statement Version 2 Deadline 5

National and International Conservation Designations of Relevance to Benthic Subtidal and Intertidal Ecology within the Area of Potential Direct and Indirect Impact of the Project

Figure 9.6

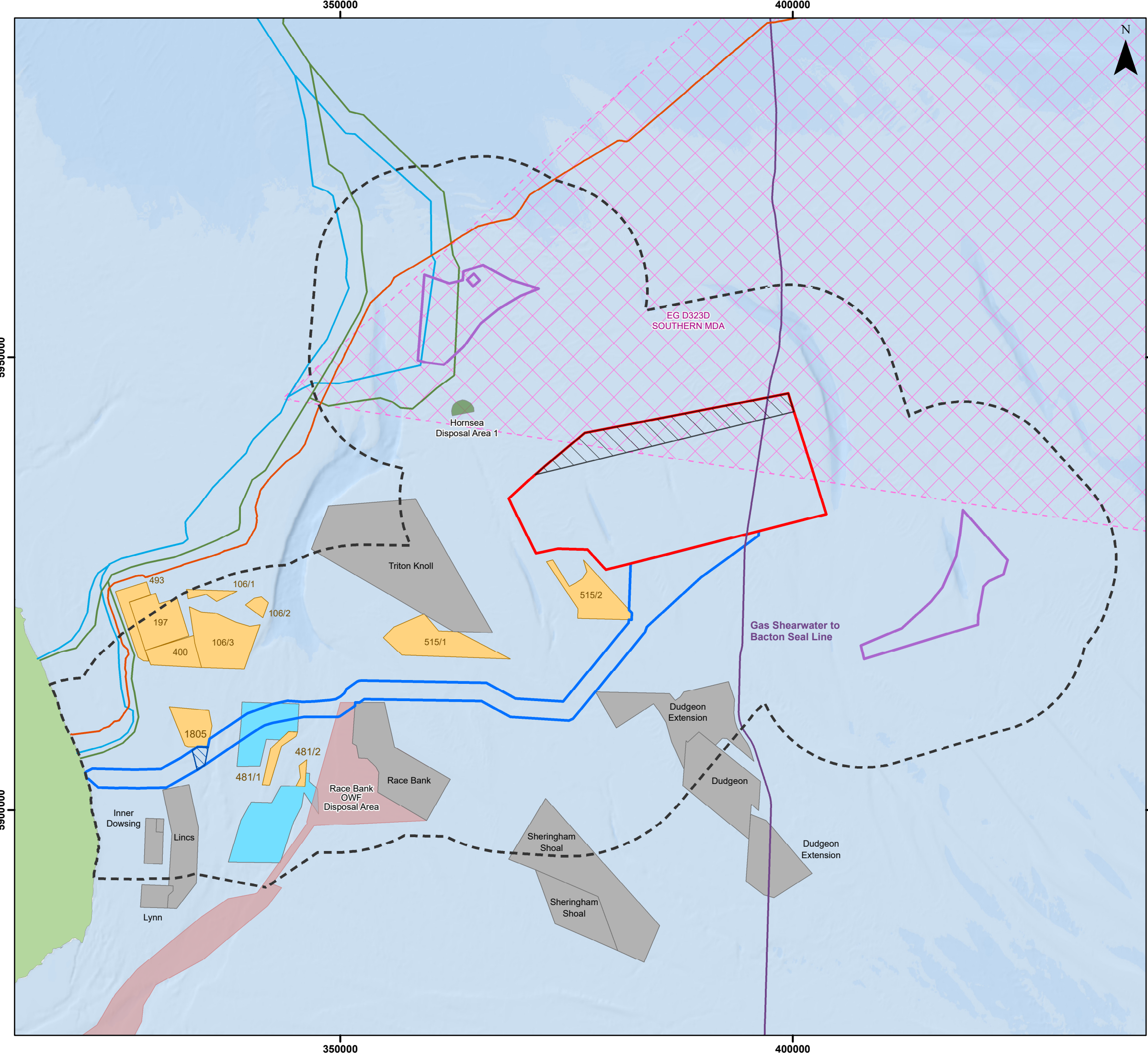


OUTER DOWSING
OFFSHORE WIND

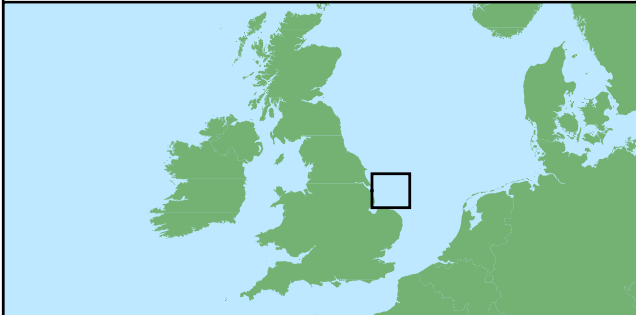
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Revision: 2.0

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Contains ESRI Basemapping;
Esri, Garmin, GEBCO, NOAA
NGDC, and other contributors



- ### Legend
- Array Area
 - Offshore Restricted Build Area
 - Offshore Export Cable Corridor
 - ORCP Area
 - Artificial Nesting Structure Area
 - Benthic Subtidal Ecology Study Area
 - Offshore Wind Farm Sites
 - Aggregate Area
 - Provisional Aggregates Area (2103)
 - Open Disposal Area
 - Closed Disposal Area
 - Military Practice Area
 - Subsea Pipeline
 - Viking Link Interconnector
 - Eastern Green Link 3 Indicative Cable Route
 - Eastern Green Link 4 Indicative Cable Route



Coordinate System: WGS 1984 UTM Zone 31N
0 10 20 km

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Environmental Statement Version 2 Deadline 5

Projects Screened into the CIA for Benthic Subtidal and Intertidal Ecology Impacts within the Benthic Study Area

Figure 9.7



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