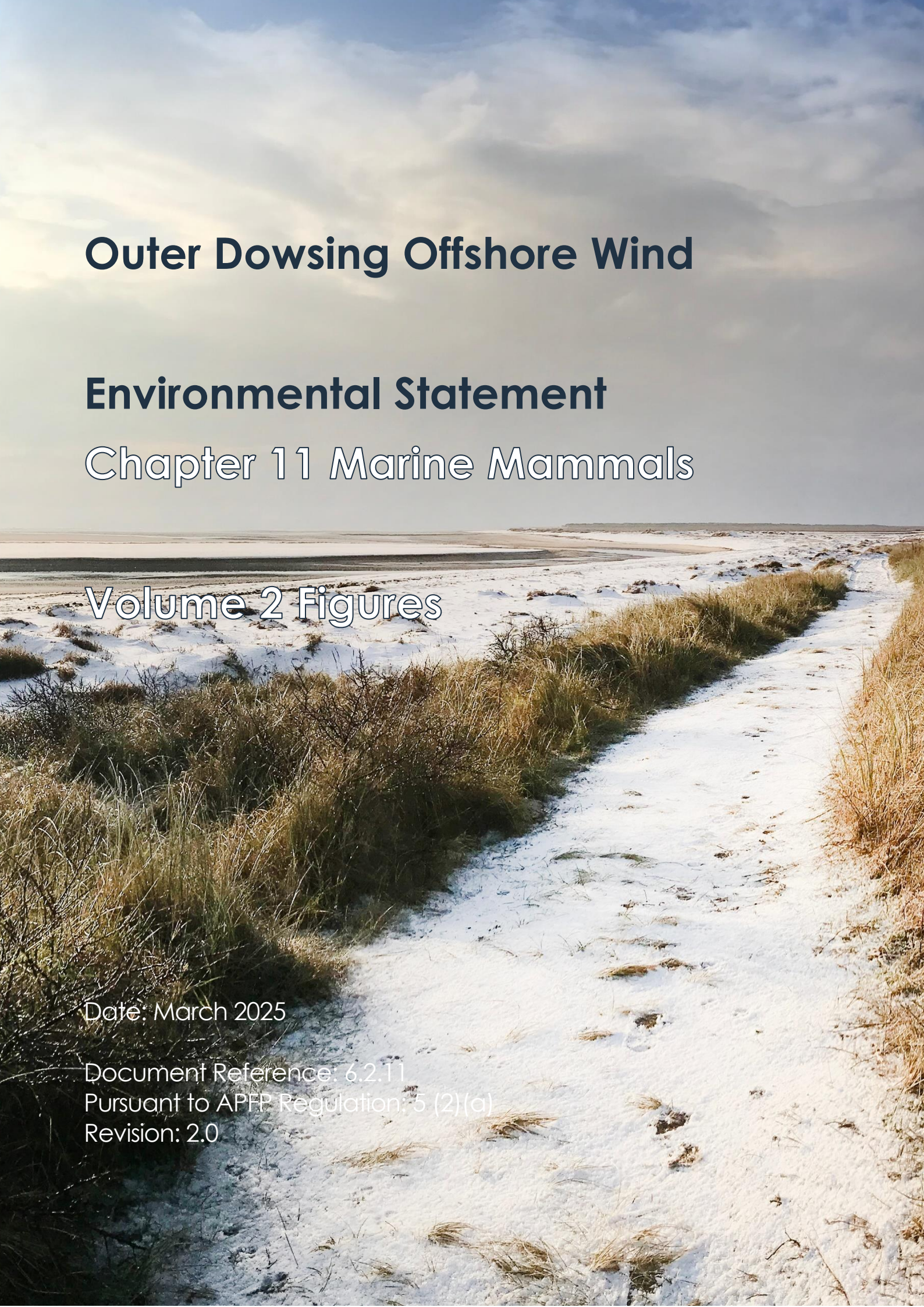


The background image is a coastal landscape. It features a sandy path or dune area in the foreground, with patches of dry, yellowish-brown grass and low-lying shrubs. The path leads towards a flat, sandy beach that meets the ocean. The sky is filled with soft, white and grey clouds, suggesting an overcast day. The overall tone is natural and serene.

Outer Dowsing Offshore Wind

Environmental Statement

Chapter 11 Marine Mammals

Volume 2 Figures

Date: March 2025

Document Reference: 6.2.11

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

Revision: 2.0

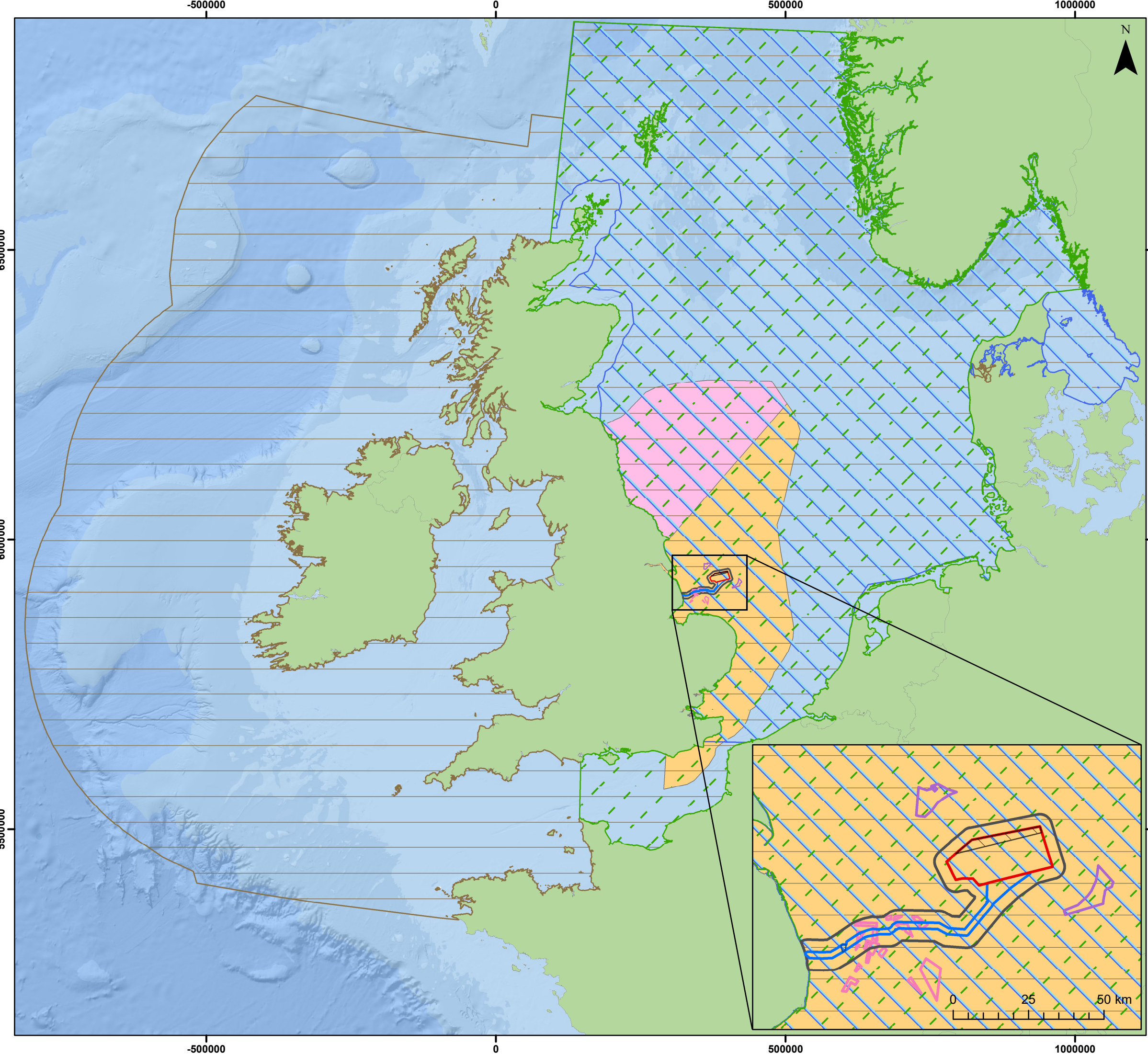
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Project:		Whole Wind Farm		Sub Project/Package:		Whole Asset	
Document Title or Description:		Chapter 11 Marine Mammals					
Internal Document Number:		PP1-ODOW-DEV-CS-FIG-0011_02		3 rd Party Doc No (If applicable):		N/A	
Rev No.	Date	Status / Reason 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 & Wedderbur	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 11.1-11.6 inclusive 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 11.1 Marine Mammal Study Area (document reference 6.2.11.1)
- Figure 11.2 Harbour Porpoise worst case behavioural disturbance contours (document reference 6.2.11.2)
- Figure 11.3 Bottlenose Dolphin worst case behavioural disturbance contours (document reference 6.2.11.3)
- Figure 11.4 Harbour Seal worst case behavioural disturbance contours (document reference 6.2.11.4)
- Figure 11.5 Grey Seal worst case behavioural disturbance contours (document reference 6.2.11.5)
- Figure 11.6 Cumulative Effects Assessment for Marine Mammals (document reference 6.2.11.6)



Legend

- Array Area
- Offshore Export Cable Corridor
- ORCP Area
- Artificial Nesting Structure Area
- Biogenic Reef Restoration Area
- 4km Survey Area for Marine Mammals
- North Sea MU (Harbour Porpoise)
- Greater North Sea MU (Bottlenose Dolphin)
- Celtic and Greater North Sea MU (White-beaked Dolphin and Minke Whale)
- Northeast England MU (Grey Seal)
- Southeast England MU (Grey and Harbour Seal)

Coordinate System: WGS 1984 UTM Zone 31N

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Scale: 1:6,250,000

A3 Page Size

Environmental Statement Version 2 Deadline 5

Marine Mammal Study Area

Figure 11.1



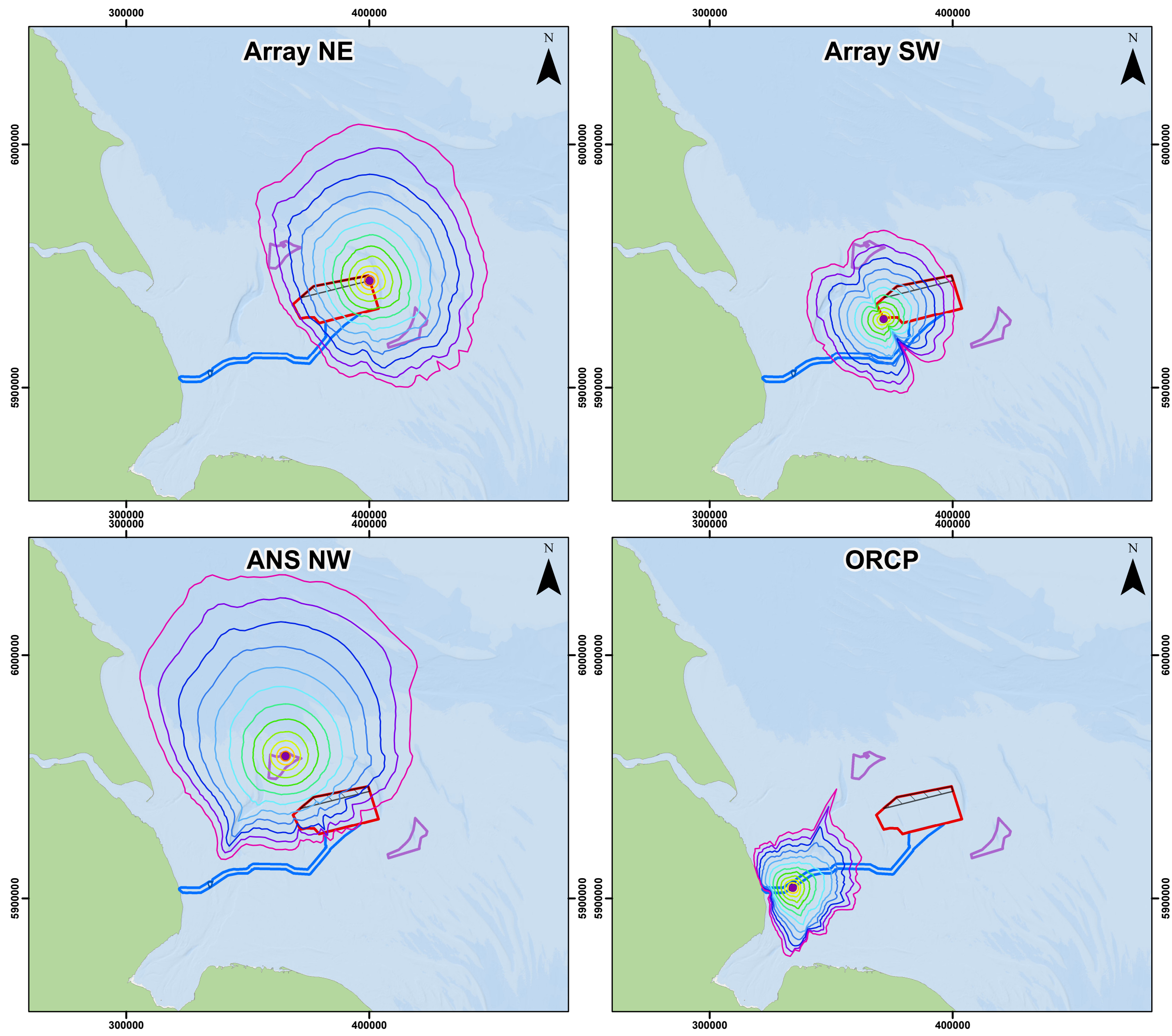
OUTER DOWSING
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Legend

- Array Area
- Offshore Restricted Build Area
- Offshore Export Cable Corridor
- ORCP Area
- Artificial Nesting Structure Area
- Piling Locations

Monopile 5dB SELss Disturbance Contours (dB)

- 120
- 125
- 130
- 135
- 140
- 145
- 150
- 155
- 160
- 165
- 170
- 175
- 180

Coordinate System: WGS 1984 UTM Zone 31N

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Scale: 1:1,500,000

A3 Page Size

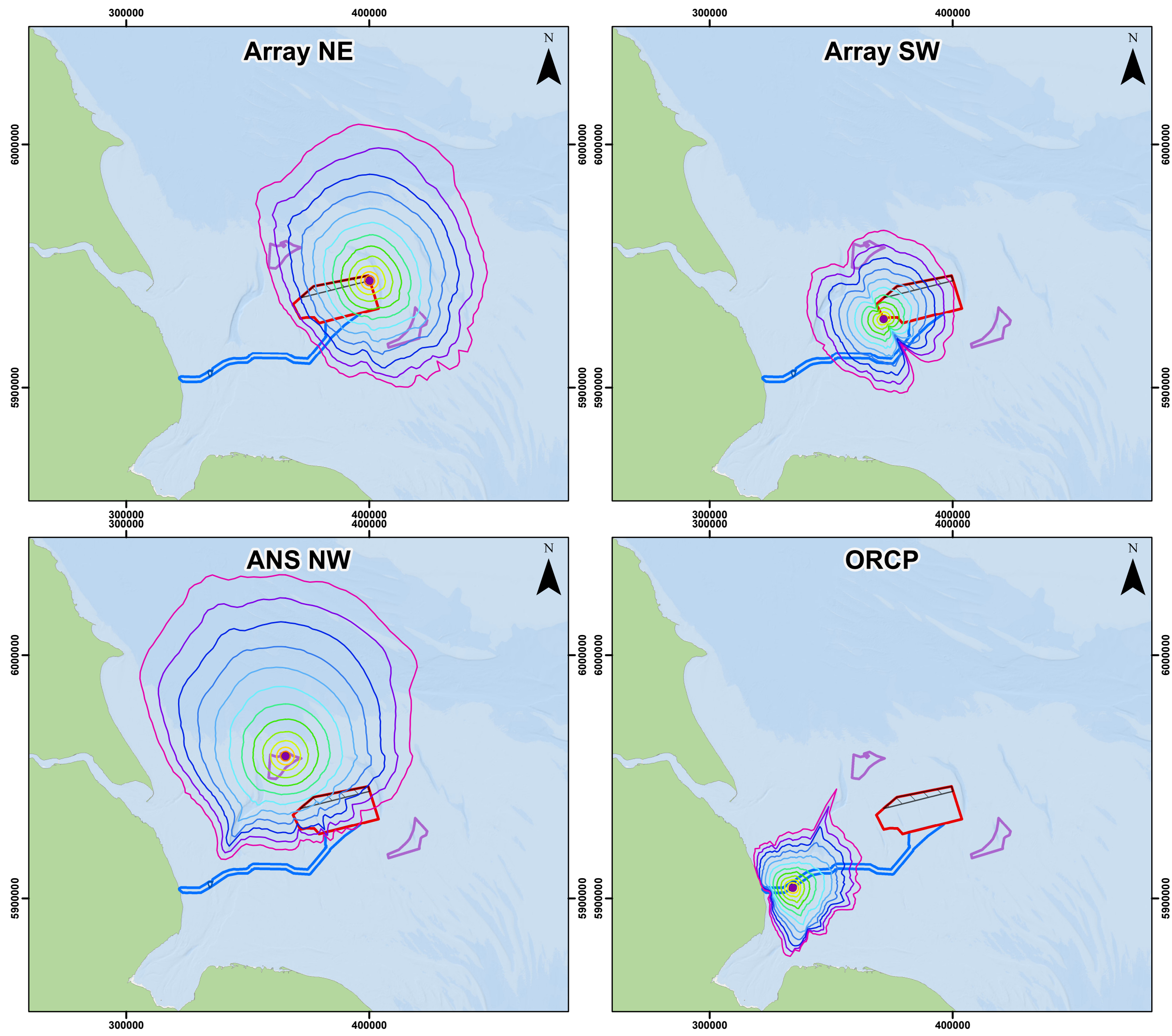
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Harbour porpoise worst case behavioural disturbance contours

Figure 11.2

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Legend

- Array Area
- Offshore Restricted Build Area
- Offshore Export Cable Corridor
- ORCP Area
- Artificial Nesting Structure Area
- Piling Locations

Monopile 5dB SELss Disturbance Contours (dB)

- 120
- 125
- 130
- 135
- 140
- 145
- 150
- 155
- 160
- 165
- 170
- 175
- 180

Coordinate System: WGS 1984 UTM Zone 31N

0 50 100 km

Scale: 1:1,500,000

A3 Page Size

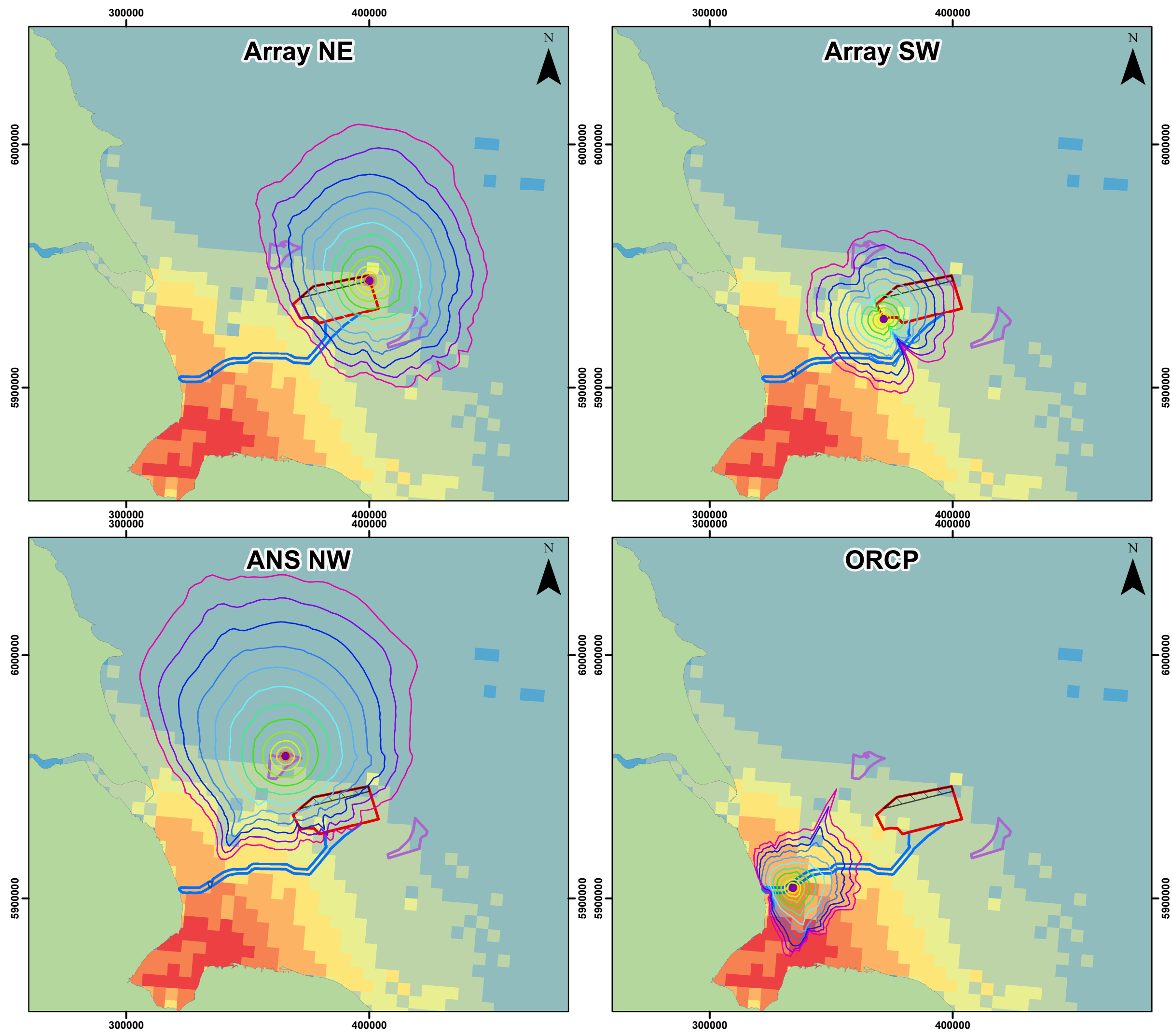
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Bottlenose dolphin worst case behavioural disturbance contours

Figure 11.3

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Legend

- Array Area
- Offshore Restricted Build Area
- Offshore Export Cable Corridor
- ORCP Area
- Artificial Nesting Structure Area
- Piling Locations

Monopile 5dB SELss Disturbance Contours (dB)

- 120
- 125
- 130
- 135
- 140
- 145
- 150
- 155
- 160
- 165
- 170
- 175
- 180

Harbour Seals % At-Sea Population per 25km² (Carter et al. 2022)

- 0
- 0 - 0.001
- 0.001 - 0.005
- 0.005 - 0.01
- 0.01 - 0.025
- 0.025 - 0.05
- 0.05 - 0.1
- >0.1

Coordinate System: WGS 1984 UTM Zone 31N

0 50 100 km

Scale: 1:1,500,000 A3 Page Size

Environmental Statement Version 2 Deadline 5

Harbour seal worst case behavioural disturbance contours

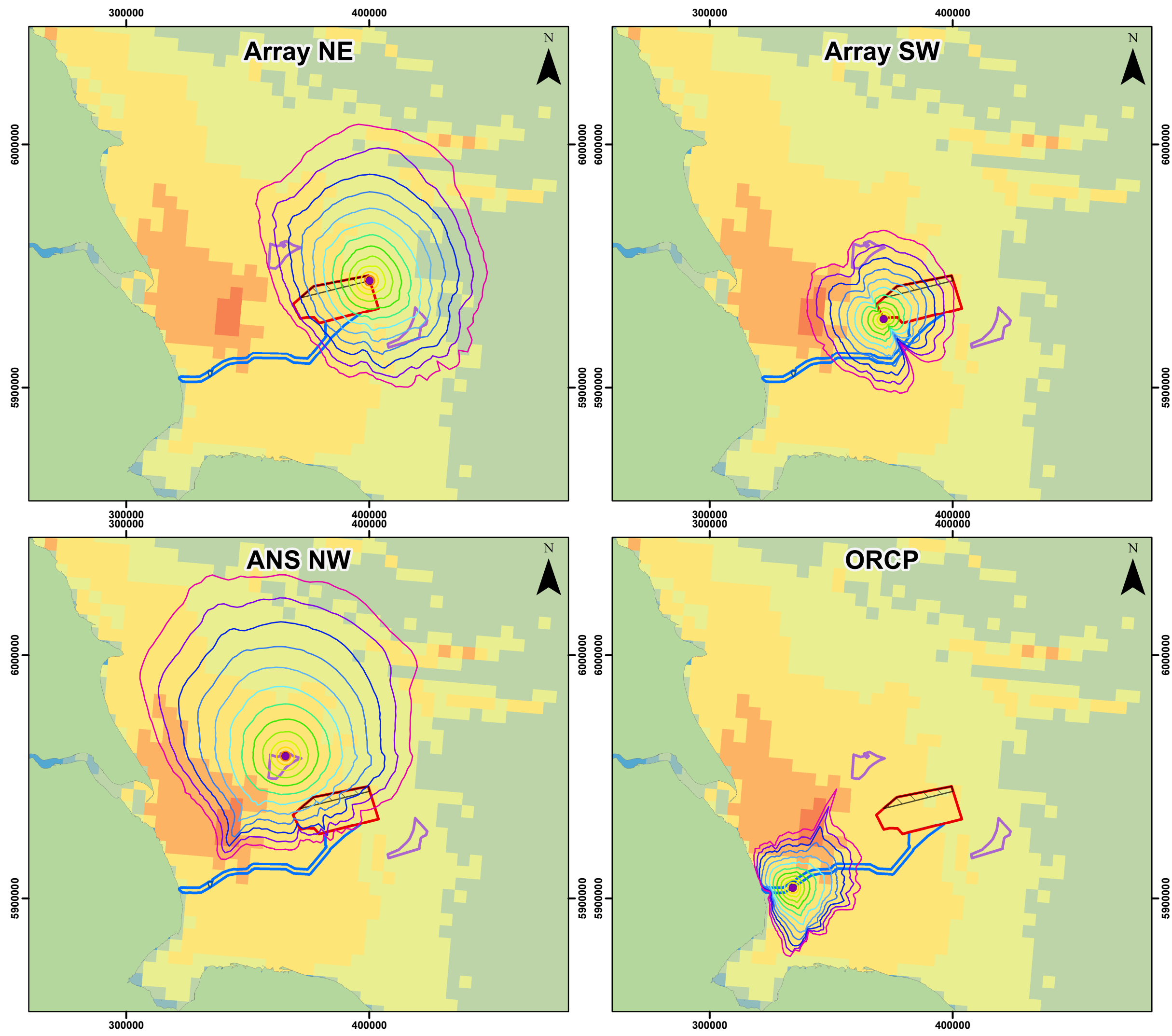
Figure 11.4

OUTER DOWSING OFFSHORE WIND

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Legend

- Array Area
- Offshore Restricted Build Area
- Offshore Export Cable Corridor
- ORCP Area
- Artificial Nesting Structure Area
- Piling Locations

Monopile 5dB SELss Disturbance Contours (dB)

- 120
- 125
- 130
- 135
- 140
- 145
- 150
- 155
- 160
- 165
- 170
- 175
- 180

Grey Seals % At-Sea Population per 25km² (Carter et al. 2022)

- 0
- 0 - 0.001
- 0.001 - 0.005
- 0.005 - 0.01
- 0.01 - 0.025
- 0.025 - 0.05
- 0.05 - 0.1
- >0.1

Coordinate System: WGS 1984 UTM Zone 31N

0 50 100 km

Scale: 1:1,500,000 A3 Page Size

Environmental Statement Version 2 Deadline 5

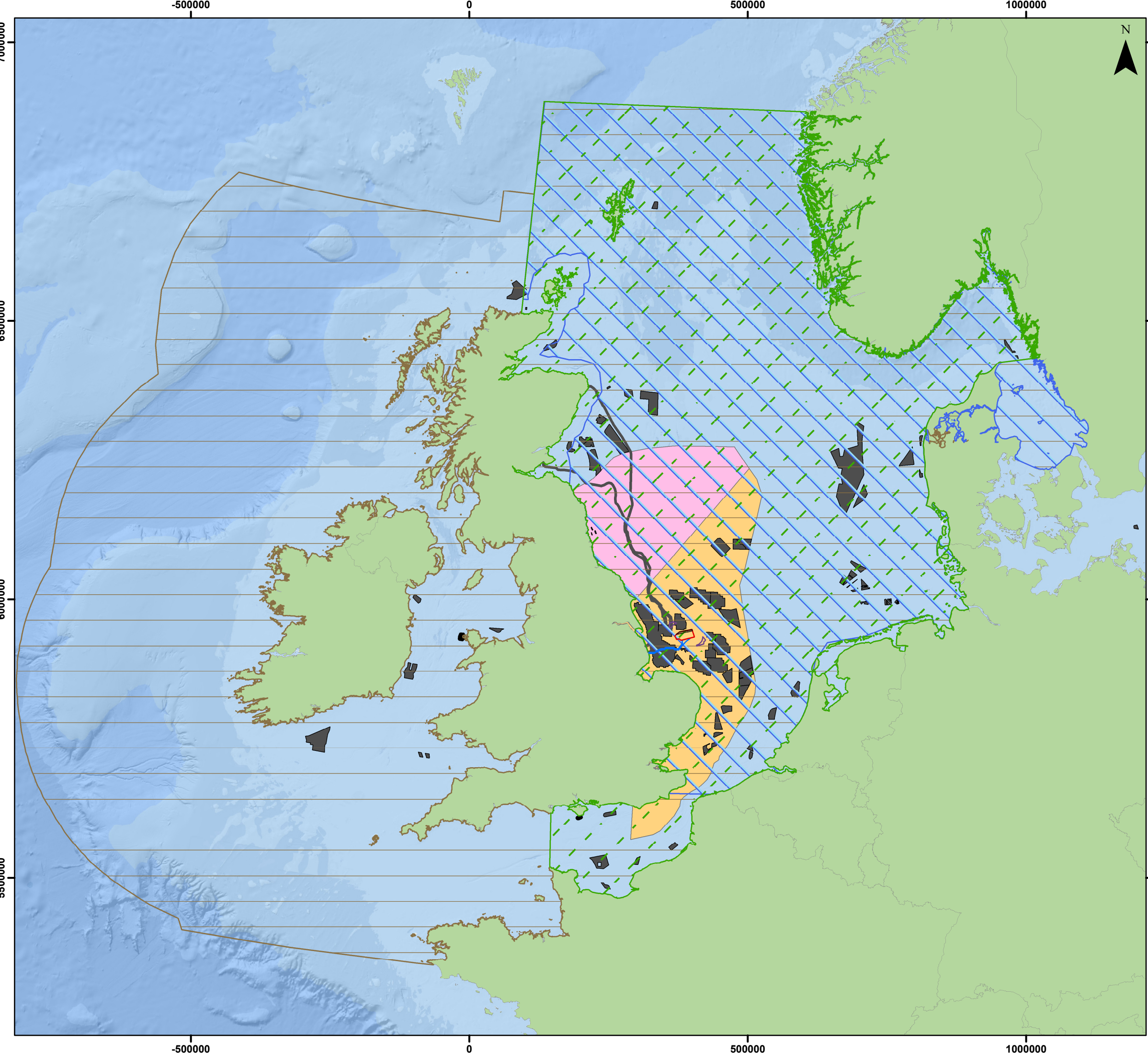
Grey seal worst case behavioural disturbance contours

Figure 11.5

OUTER DOWSING OFFSHORE WIND

Date: 06/03/2025
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Revision: 2.0

Contains ESRI Basemapping;
 GoBe



Legend

- Array Area
- Offshore Restricted Build Area
- Offshore Export Cable Corridor
- Artificial Nesting Structure Area
- North Sea MU (Harbour Porpoise)
- Greater North Sea MU (Bottlenose Dolphin)
- Celtic and Greater North Sea MU (White-beaked Dolphin and Minke Whale)
- Northeast England MU (Grey Seal)
- Southeast England MU (Grey and Harbour Seal)
- Cumulative Effects Assessment Sites

Coordinate System: WGS 1984 UTM Zone 31N

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Scale: 1:6,500,000 A3 Page Size

Environmental Statement Version 2 Deadline 5

Cumulative Effects Assessment for Marine Mammals

Figure 11.6

OUTER DOWSING OFFSHORE WIND

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