

# Rampion 2 Wind Farm

## Category 6: Environmental Statement

### Volume 3, Chapter 6: Coastal processes - Figures

**Date: August 2023**

**Revision A**

Document Reference: 6.3.6

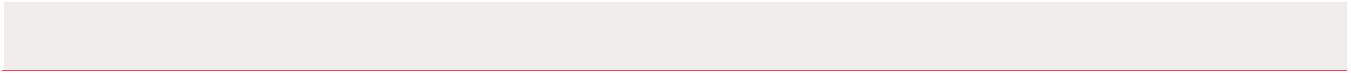
Pursuant to: APFP Regulations 5 (2) (a), 5 (2) (I)

Ecodoc number: 004884737-01



## Document revisions

Revision	Date	Status/reason for issue	Author	Checked by	Approved by
A	04/08/2023	Final for DCO Application	WSP	RED	RED



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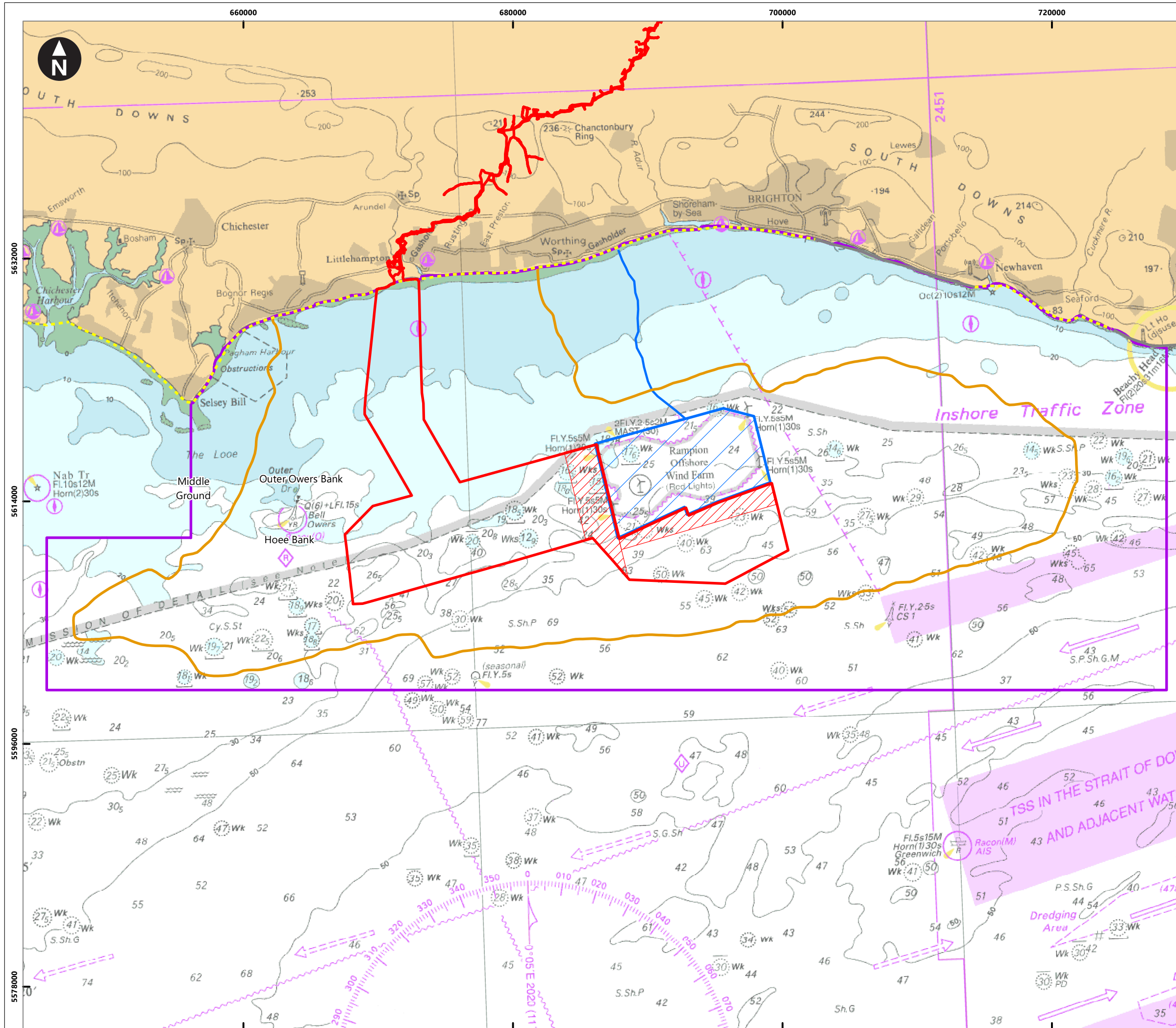
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<b>Figure number</b>	<b>Figure Title</b>	<b>APFP number</b>	<b>Ecodoc number</b>	<b>Revision</b>	<b>Revision Date</b>
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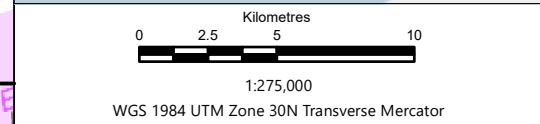
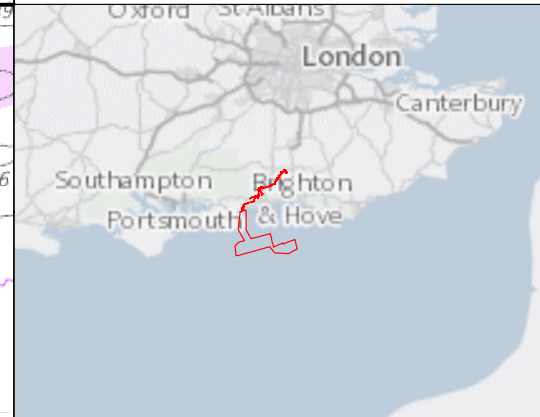




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**Key**

- Proposed DCO Order Limits
- Study Area
- Wind Farm Separation Zones
- Spring tidal excursion buffer
- Rampion 1 Offshore Wind Farm
- Rampion 1 cable route
- Cliffs (soft), with sandy/gravelly beaches
- Lowlands, with sandy/gravelly beaches

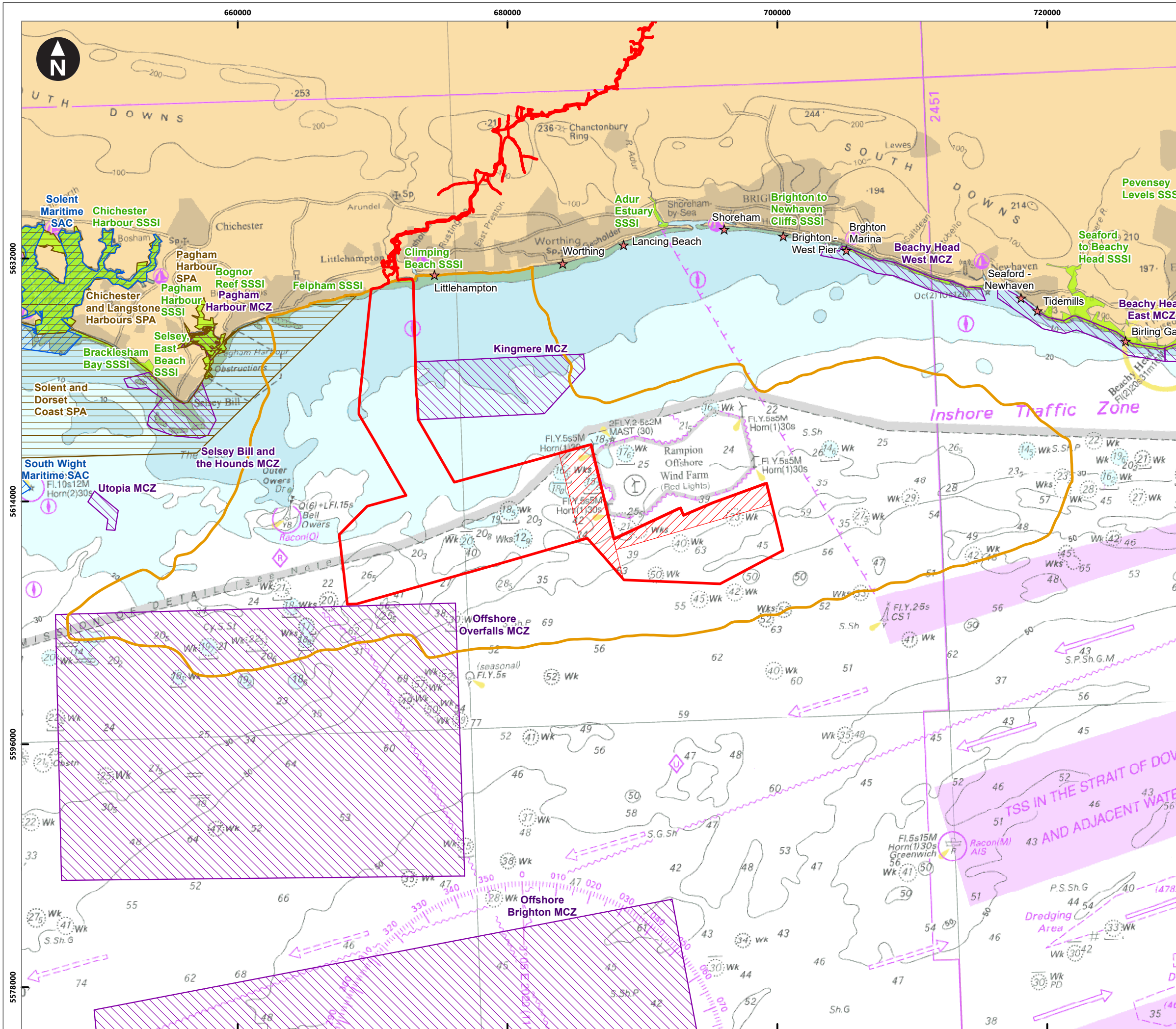


Rampion Extension Development

Rampion 2 Offshore Wind Farm  
 Figure 6.1 Coastal processes Study Area  
 Environmental Statement

System Identifier: 42285-GOBE-ES-OF-FG-04-5244		Version: 0.1
Company: ABPmer	Drawn By: OJR	Chk/Prvrd: Gobe/SWM Drawn Date: 02/08/2023 Status: FINAL

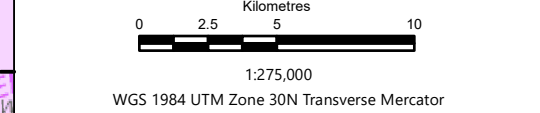
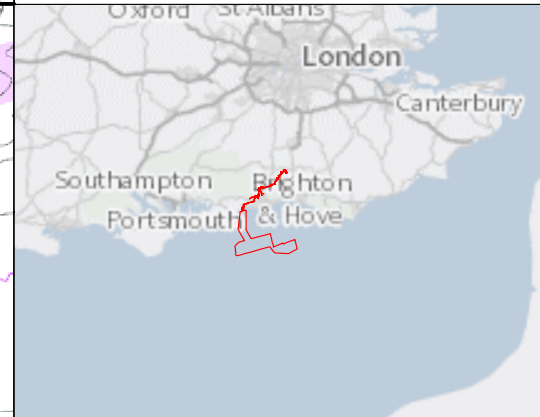




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**Key**

- Proposed DCO Order Limits
- Wind Farm Separation Zones
- Spring tidal excursion buffer
- Special Area of Conservation
- Special Protection Area
- Marine Conservation Zone
- Site of Special Scientific Interest
- Surfing beaches



Rampion Extension Development  

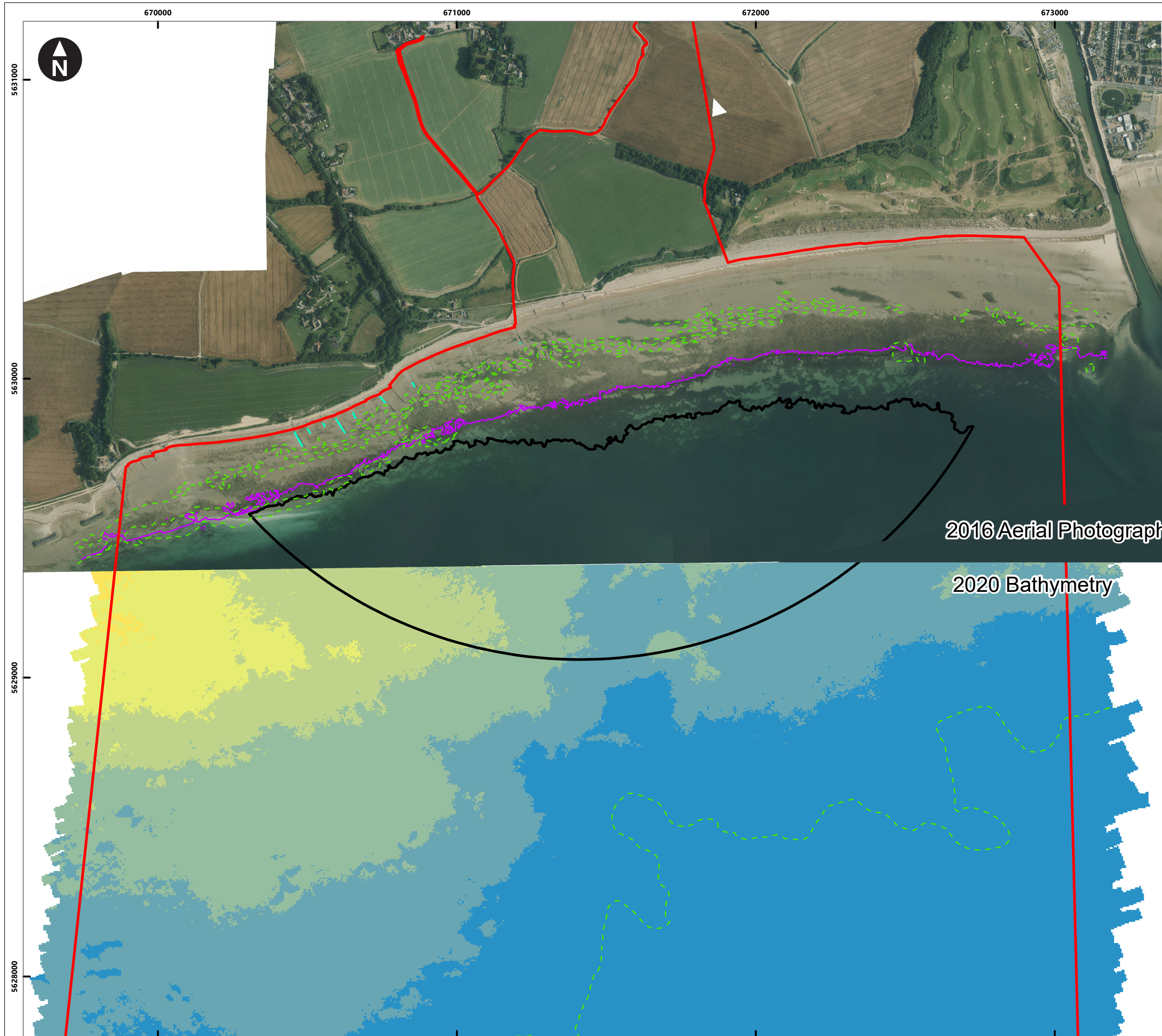

**Rampion 2 Offshore Wind Farm**  
 Figure 6.2 Locations of designated nature conservation sites and surfing venues within the Study Area

Environmental Statement

System Identifier: 42285-GOBE-ES-OF-FG-04-6378  
 Version: 0.1

Company: ABPmer	Drawn By: OJR	Chk/Prvrd: Gobe/SWM	Drawn Date: 02/08/2023	Status: FINAL
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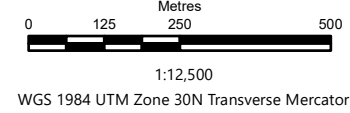
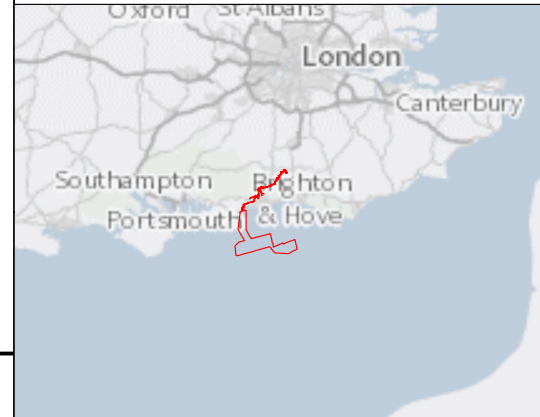


Imagery courtesy of Channel Coastal Observatory, 2016; Osiris (2020c). © ABPmer, All rights reserved, 2023.

- Key**
- Proposed DCO Order Limits
  - Groynes
  - Sediment boundary
  - Horizontal Directional Drilling exit area
  - Mean Low Water Springs (0.4m Lowest Astronomical Tide)

**Water depth (m Lowest Astronomical Tide)**

	< -2.5		-0.5 to 0
	-2.5 to -2		0 to 0.5
	-2 to -1.5		0.5 to 1
	-1.5 to -1		1 to 1.5
	-1 to to 0.5		1.5 to 2



Rampion Extension Development



Rampion 2 Offshore Wind Farm

Figure 6.3 The export cable landfall at Climping

Environmental Statement

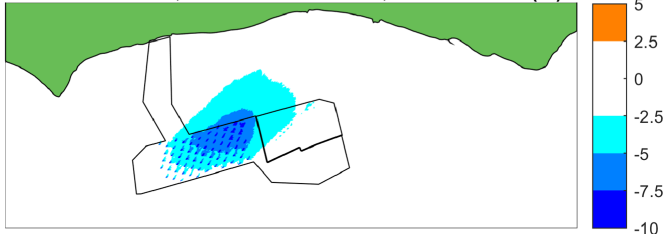
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Company: ABPmer	Drawn By: OJR	Chk/Aprvd: Gobe/SWM	Drawn Date: 02/08/2023	Status: FINAL
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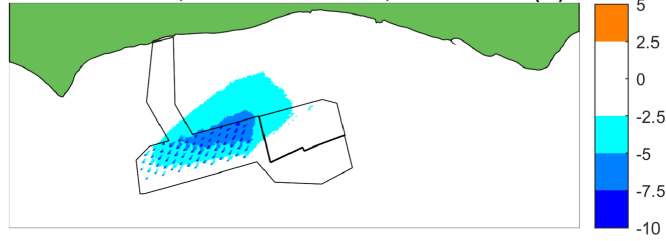
### MDS Layout 1

Waves from SW, 50% no exceedance, Hs difference (%)



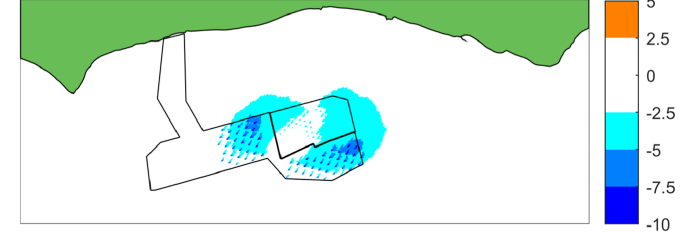
### MDS Layout 2

Waves from SW, 50% no exceedance, Hs difference (%)

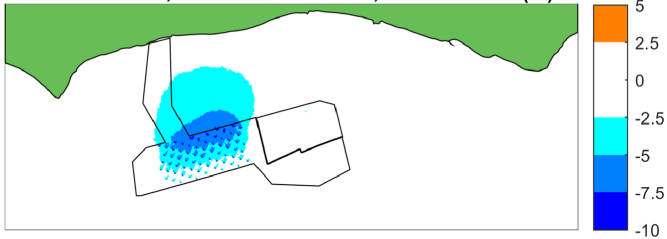


### MDS Layout 3

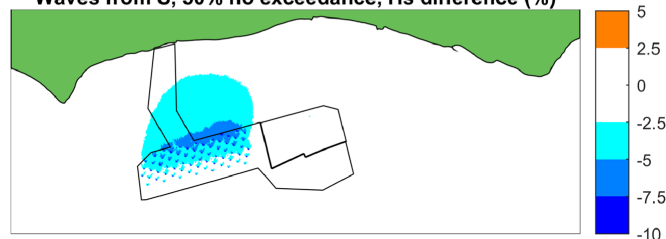
Waves from SW, 50% no exceedance, Hs difference (%)



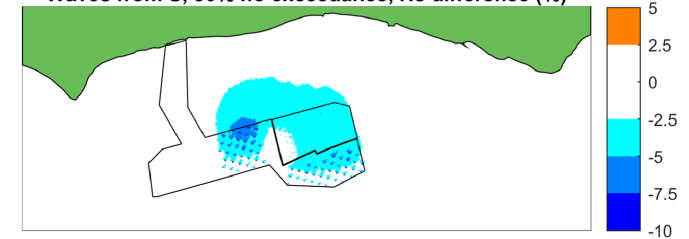
Waves from S, 50% no exceedance, Hs difference (%)



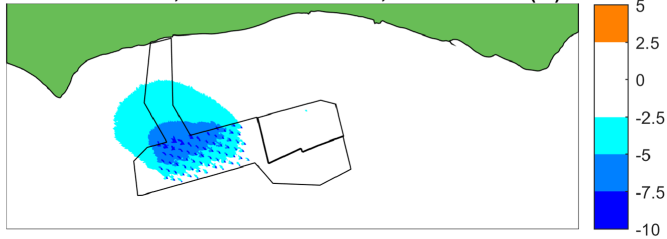
Waves from S, 50% no exceedance, Hs difference (%)



Waves from S, 50% no exceedance, Hs difference (%)



Waves from SE, 50% no exceedance, Hs difference (%)



Waves from SE, 50% no exceedance, Hs difference (%)



Waves from SE, 50% no exceedance, Hs difference (%)

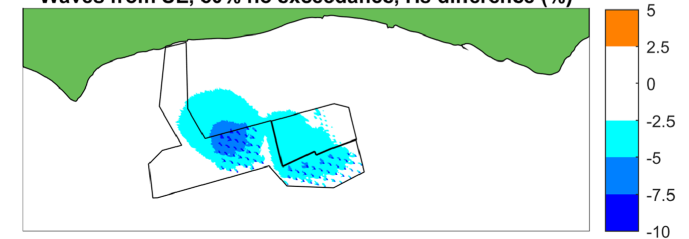
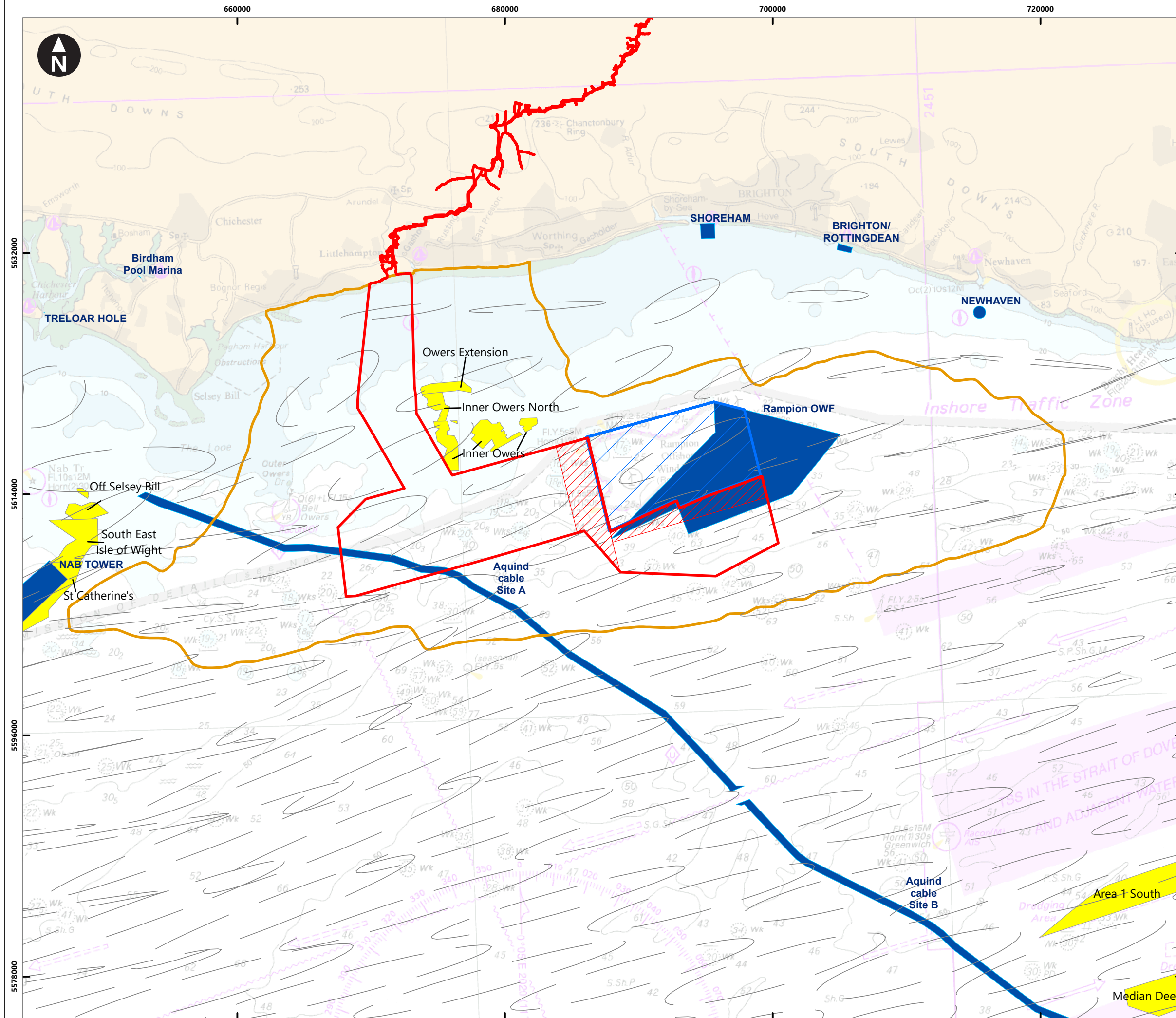


Figure 6.4 Percentage difference in 50 percent no exceedance significant wave height (scheme minus baseline as a proportion of baseline values) for the three identified operational phase MDS layouts (includes Rampion 1, as built layout)

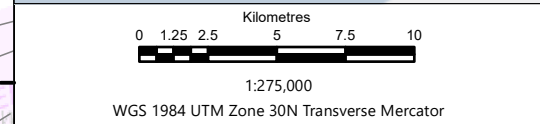
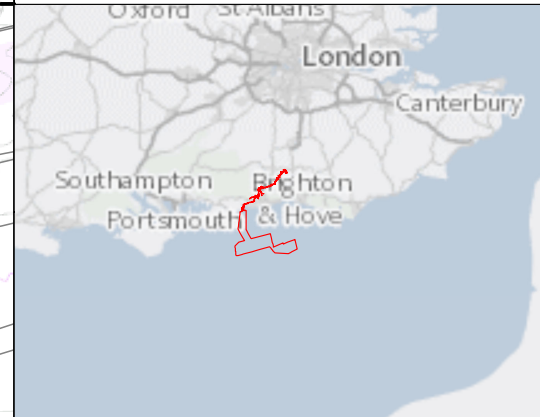
42285-GOBE-ES-OF-FG-04-4534





**Key**

- Proposed DCO Order Limits
- Wind Farm Separation Zones
- Rampion 1 Offshore Wind Farm
- Aggregates site agreements
- Dredge disposal sites
- Spring tidal excursion buffer
- Spring tidal excursion ellipses



Rampion Extension Development



Rampion 2 Offshore Wind Farm

Figure 6.5 Aggregate extraction areas and licensed disposal sites within the Study Area

Environmental Statement

System Identifier: 42285-GOBE-ES-OF-FG-04-5807      Version: 0.1

Company: ABPmer	Drawn By: OJR	Chk/Prvrd: Gobe/SWM	Drawn Date: 02/08/2023	Status: FINAL
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