

**Rampion 2 Wind Farm**  
**Category 6:**  
**Environmental Statement**  
**Volume 3, Chapter 9: Benthic,**  
**subtidal and intertidal ecology -**  
**Figures**  
**Date: March 2024**  
**Revision B**

Document Reference: 6.3.9

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

Ecodoc number: 004884746-02



## Document revisions

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Revision	Date	Status/reason for issue	Author	Checked by	Approved by
<b>A</b>	04/08/2023	Final for DCO Application	WSP	RED	RED
<b>B</b>	20/03/2024	Edit to Figure 9.8	WSP	RED	RED

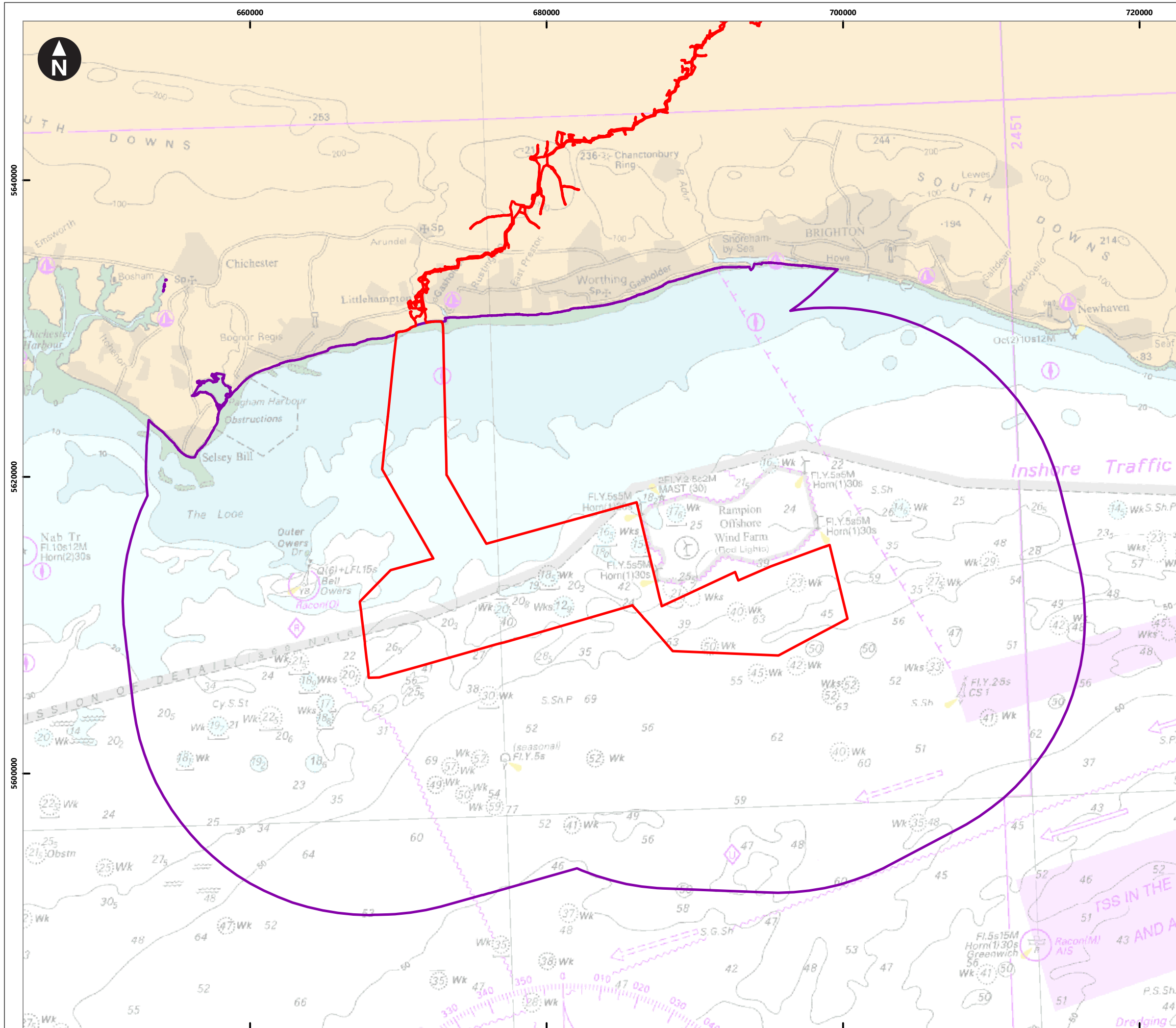
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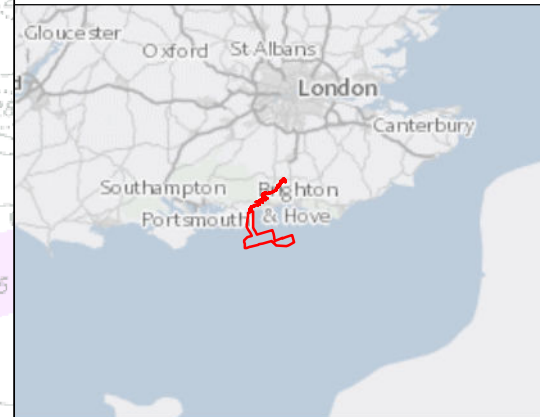
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**Key**

- Proposed DCO Order Limits
- Study Area



0 1.25 2.5 5 7.5 10  
Kilometres

1:250,000  
WGS 1984 UTM Zone 30N Transverse Mercator

Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 9.1 Benthic, subtidal and intertidal ecology Study Area

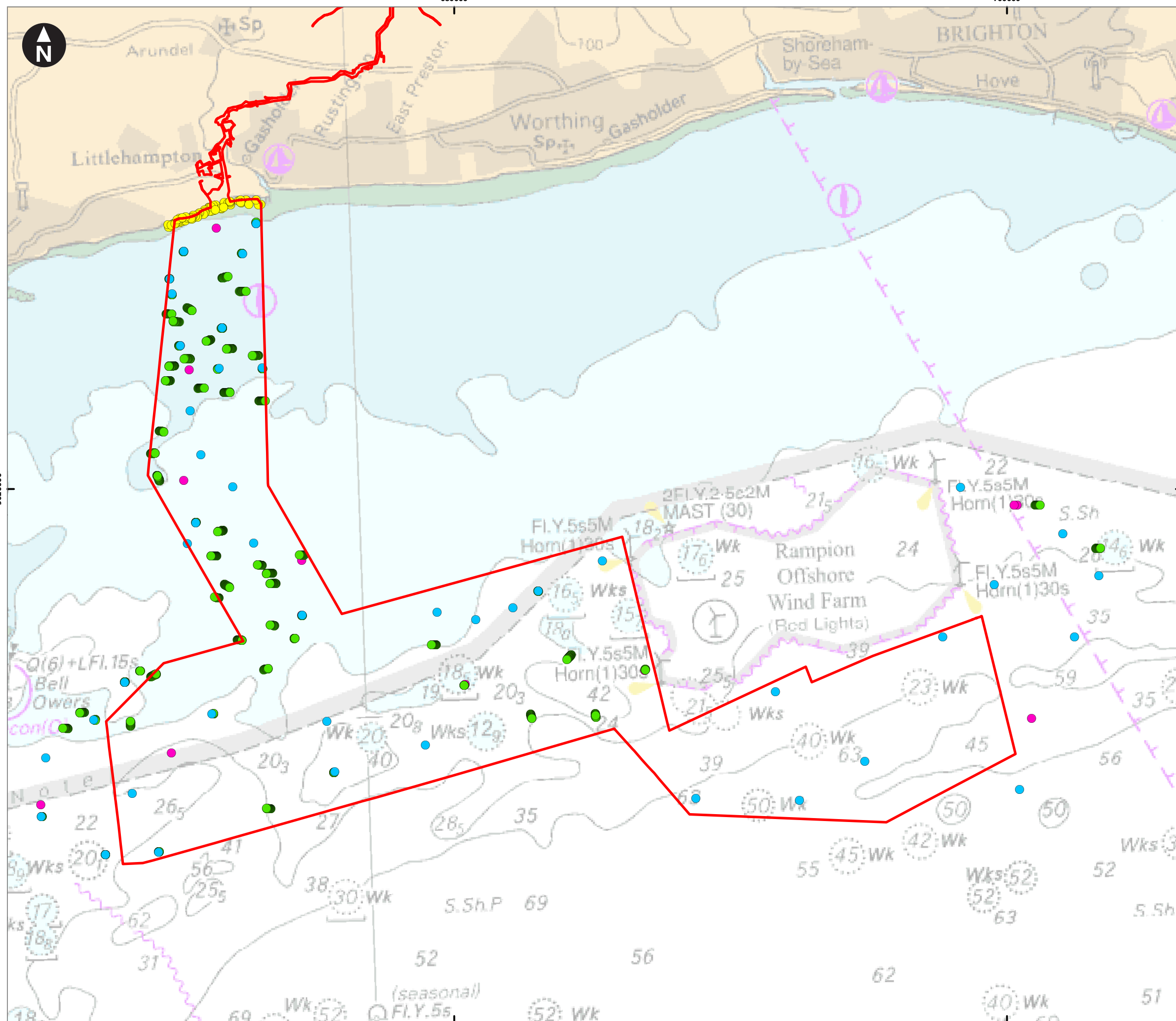
Environmental Statement

System Identifier: 42285-GOBE-ES-OF-FG-O2-7530		Version: 1.0
Company: GOBE	Drawn By: SWM	Chk/Prvrd: NH
Drawn Date: 02/06/2023	Status: FINAL	

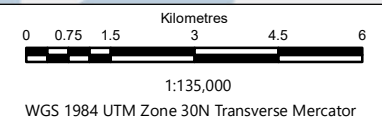
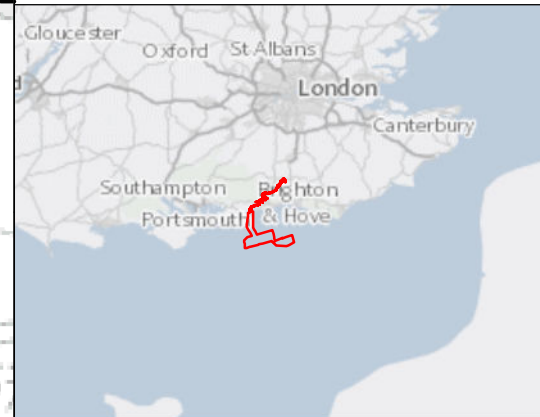
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- Key**
- Proposed DCO Order Limits
  - Benthic grab samples
  - Benthic drop down camera
  - Benthic chemical samples
  - Intertidal survey campaign



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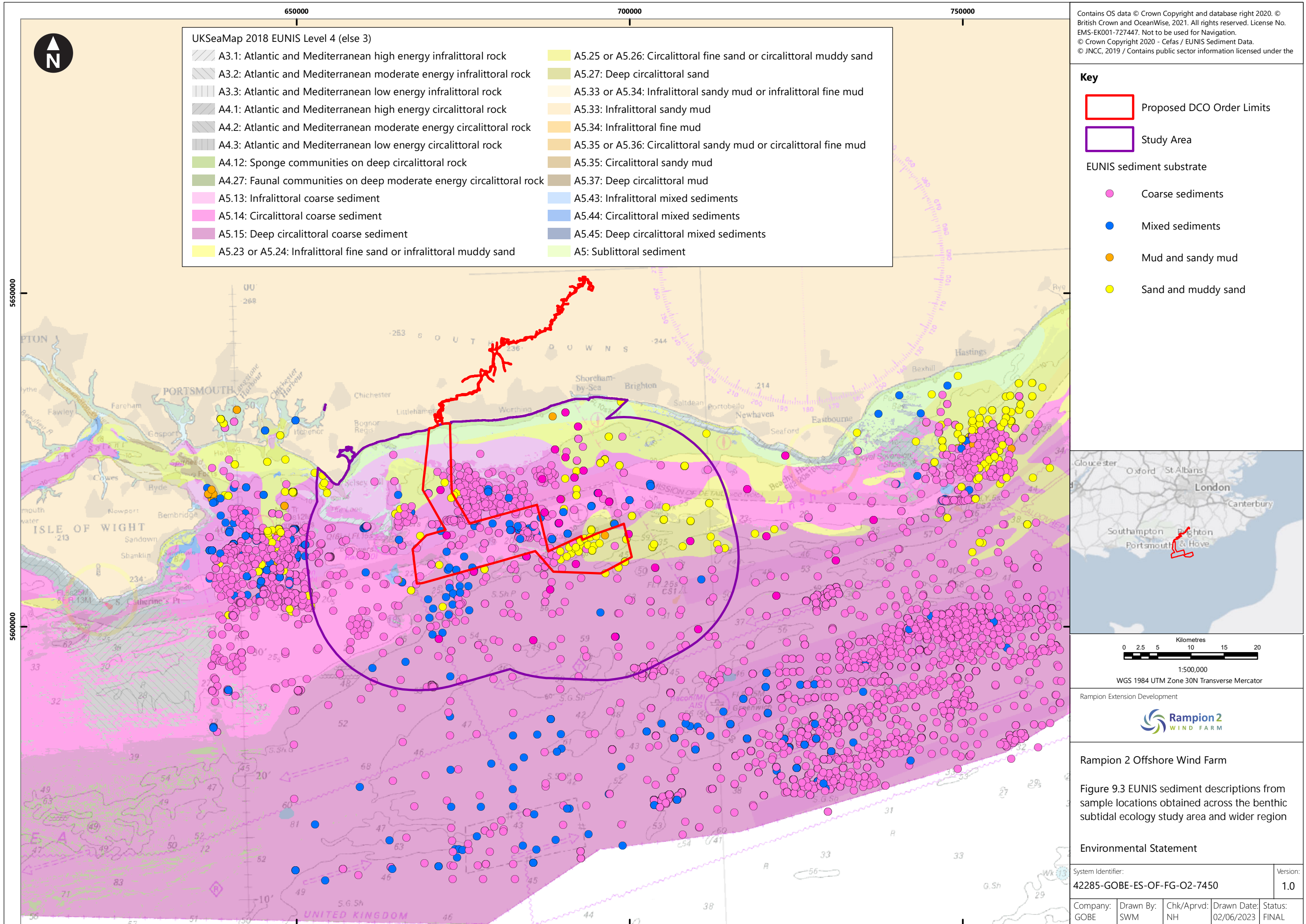


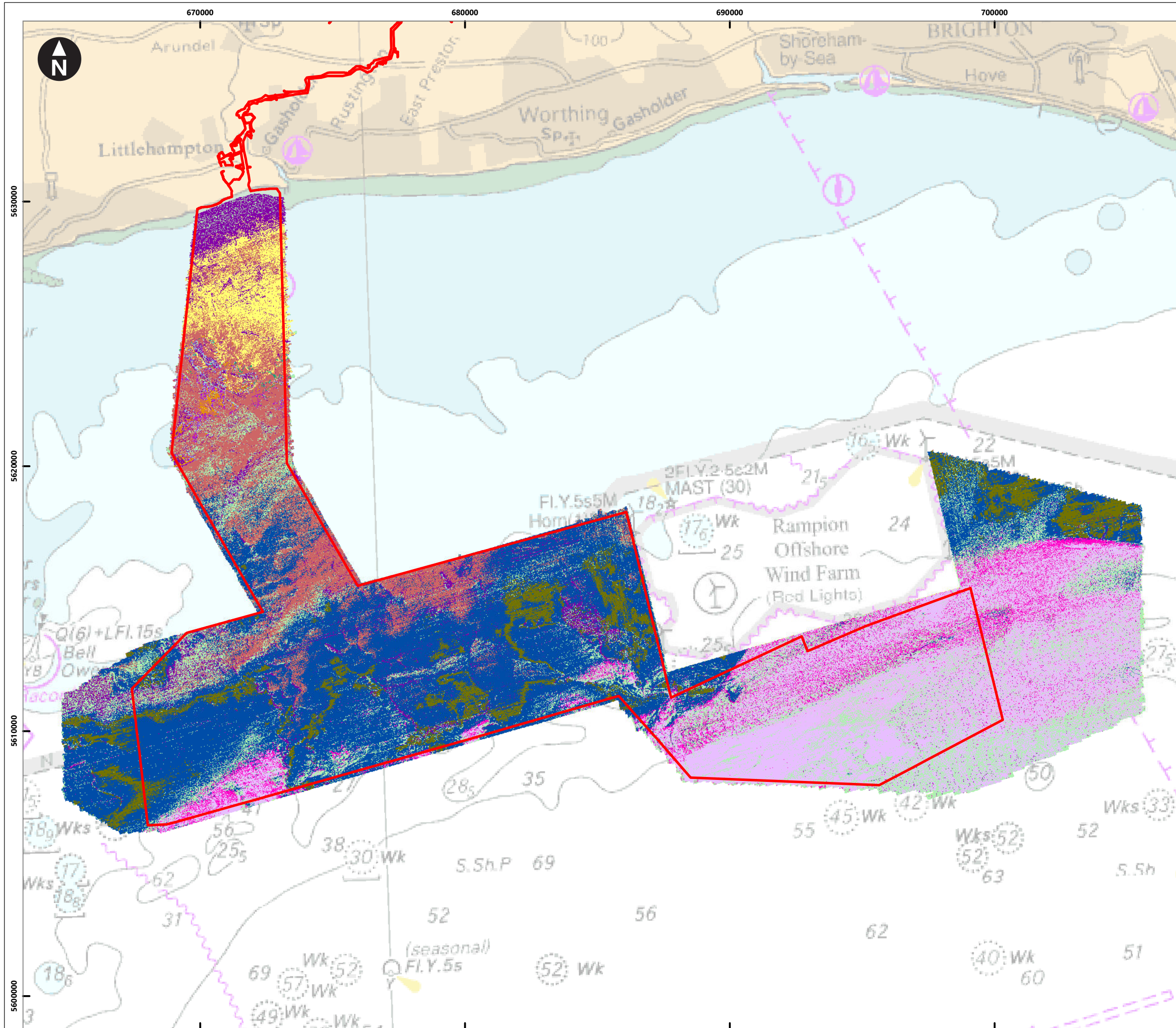
**Rampion 2 Offshore Wind Farm**  
 Figure 9.2 Rampion 2 site specific benthic subtidal survey campaign; and extent and location of the Phase I and II intertidal survey campaign.

Environmental Statement

System Identifier: 42285-GOBE-ES-OF-FG-O2-5835		Version: 1.0
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Company: GOBE	Drawn By: SWM	Chk/Prvd: NH	Drawn Date: 02/06/2023	Status: FINAL
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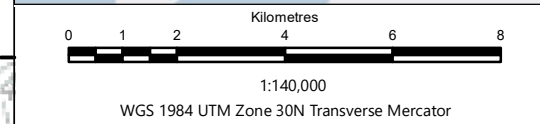
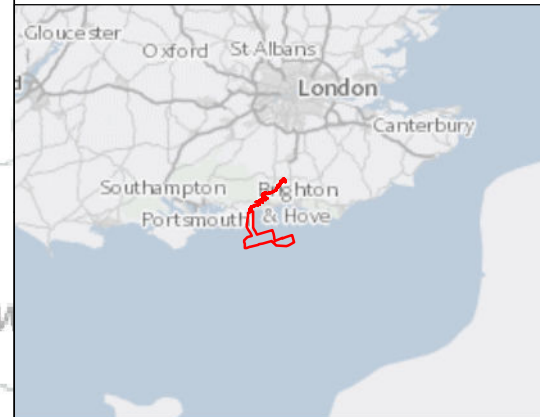
**Key**

Proposed DCO Order Limits

Maximum Likelihood Classification (Habitat Map)

**EUNIS**

- A3.215
- A4.139
- A4.231
- A5.422
- A5.431
- A5.444
- A5.141
- A5.142
- A5.231
- A5.131
- A5.233
- A5.261



Rampion Extension Development



Rampion 2 Offshore Wind Farm

Figure 9.4 Level 5 predictive benthic habitat map

Environmental Statement

System Identifier: 42285-GOBE-ES-OF-FG-O2-1229	Version: 1.0
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Company: GOBE	Drawn By: SWM	Chk/Aprvd: NH	Drawn Date: 02/06/2023	Status: FINAL
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672000

672500

673000

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**Habitat Map**

- A1.45: Ephemeral green/red seaweeds (freshwater/sand-influenced) on non-mobile substrata
- A1.46: Hydrolittoral soft rock
- A2.11: Shingle (pebble) and gravel shores
- A2.111: Barren littoral shingle
- A2.2: Littoral sand and muddy sand
- A2.21: Strandline
- A2.23: Polychaete/amphipod-dominated fine sand shores
- A2.24: Polychaete/bivalve-dominated muddy sand shores
- A2.245: L. conchilega in littoral sand
- B2.32: Channel C. maritima communities
- Artificial Substrate

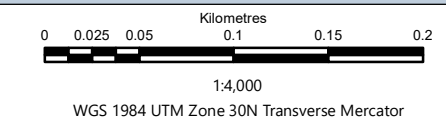
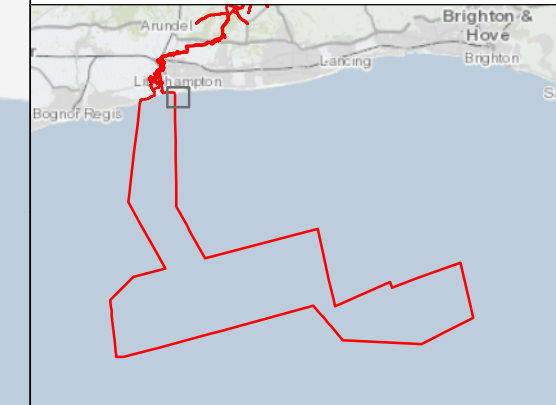
**Key**

- Proposed DCO Order Limits
- 0.01 m2 Core
- Target Notes

Mill Cottage

5630500

5630000



Rampion Extension Development

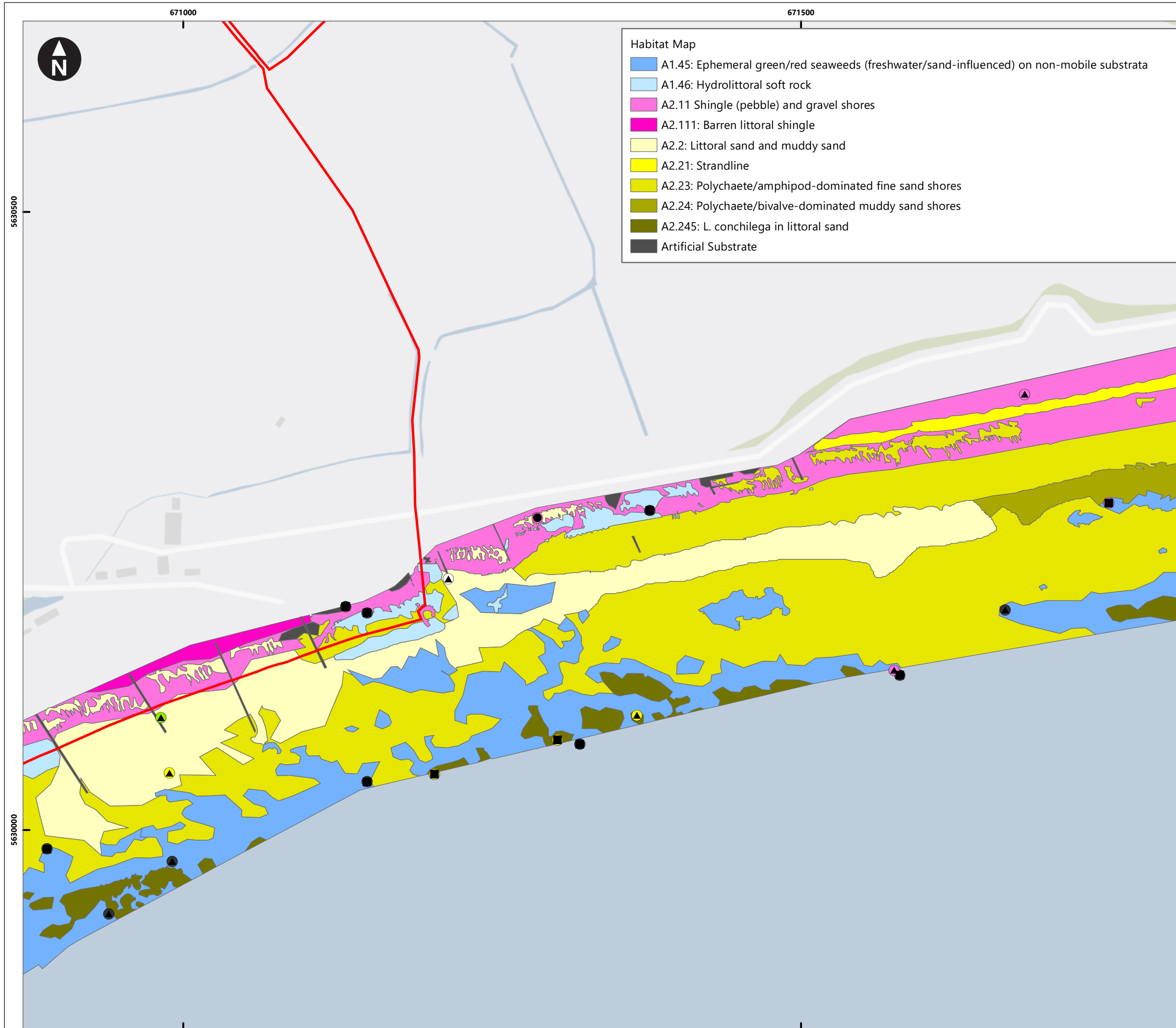
**Rampion 2 Offshore Wind Farm**

Figure 9.5 EUNIS habitat and biotope mapping and sampling locations visited during the intertidal survey of the Rampion 2 export cable corridor landfall (East Zone).

**Environmental Statement**

System Identifier: 42285-GOBE-ES-OF-FG-O2-3945		Version: 1.0
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Company: GOBE	Drawn By: SWM	Chk/Aprvd: NH	Drawn Date: 02/06/2023	Status: FINAL
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**Habitat Map**

- A1.45: Ephemeral green/red seaweeds (freshwater/sand-influenced) on non-mobile substrata
- A1.46: Hydrolittoral soft rock
- A2.11 Shingle (pebble) and gravel shores
- A2.111: Barren littoral shingle
- A2.2: Littoral sand and muddy sand
- A2.21: Strandline
- A2.23: Polychaete/amphipod-dominated fine sand shores
- A2.24: Polychaete/bivalve-dominated muddy sand shores
- A2.245: *L. conchilega* in littoral sand
- Artificial Substrate

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**Key**

- Proposed DCO Order Limits
- 0.01 m<sup>2</sup> Core
- 0.25 m<sup>2</sup> Quadrat
- Target Notes

0 0.025 0.05 0.1 0.15  
Kilometres  
1:3,000  
WGS 1984 UTM Zone 30N Transverse Mercator

Rampion Extension Development

**Rampion 2 Offshore Wind Farm**

Figure 9.6 EUNIS habitat and biotope mapping and sampling locations visited during the intertidal survey of the Rampion 2 export cable corridor landfall (Middle Zone).

**Environmental Statement**

System Identifier: 42285-GOBE-ES-OF-FG-O2-3601		Version: 1.0
Company: GOBE	Drawn By: SWM	Chk/Aprvd: NH
Drawn Date: 02/06/2023	Status: FINAL	

670000

670500

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Habitat Map

- A1.45: Ephemeral green/red seaweeds (freshwater/sand-influenced) on non-mobile substrata
- A1.46: Hydrolittoral soft rock
- A2.11 Shingle (pebble) and gravel shores
- A2.111: Barren littoral shingle
- A2.2: Littoral sand and muddy sand
- A2.21: Strandline
- A2.23: Polychaete/amphipod-dominated fine sand shores
- A2.24: Polychaete/bivalve-dominated muddy sand shores
- A2.245: *L. conchilega* in littoral sand
- Artificial Substrate

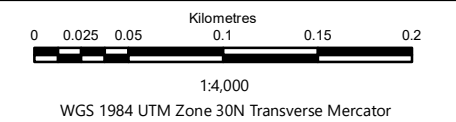
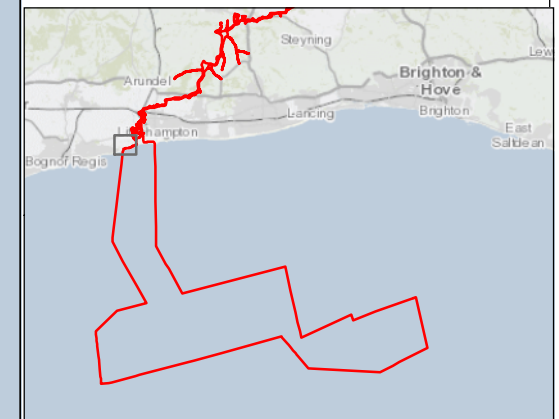
Key

- Proposed DCO Order Limits
- 0.01 m<sup>2</sup> Core
- 0.25 m<sup>2</sup> Quadrat
- Target Notes

5630000

5629500

Poole Place



Rampion Extension Development

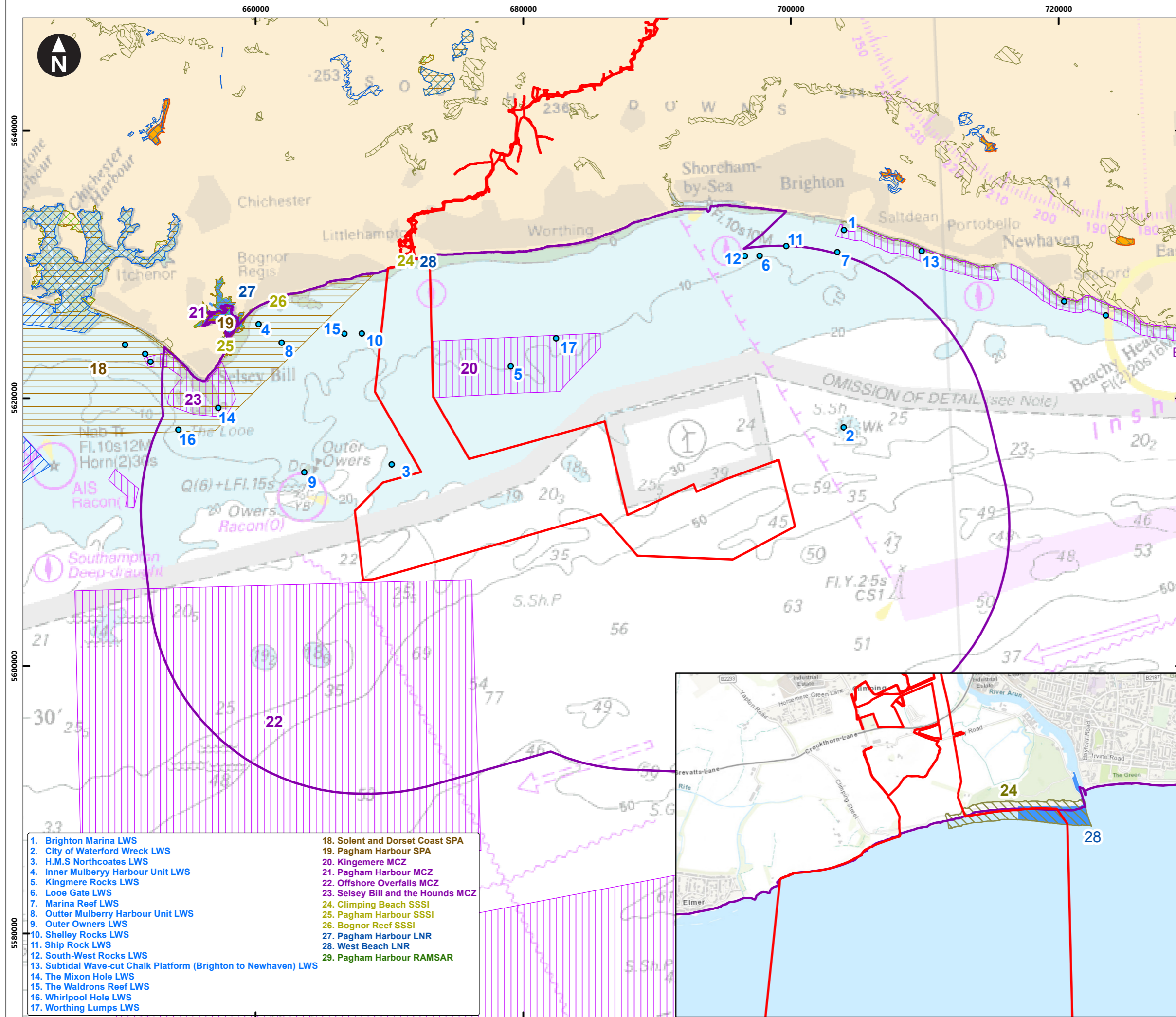


Rampion 2 Offshore Wind Farm

Figure 9.7 EUNIS habitat and biotope mapping and sampling locations visited during the intertidal survey of the Rampion 2 export cable corridor landfall (West Zone).

Environmental Statement

System Identifier: 42285-GOBE-ES-OF-FG-02-1086				Version: 1.0
Company: GOBE	Drawn By: SWM	Chk/Aprvd: NH	Drawn Date: 02/06/2023	Status: FINAL



**Key**

- Local Wildlife Sites (LWS)
- Proposed DCO Order Limits
- Study Area
- Offshore Special Areas of Conservation (SACs)
- SACs with marine components
- Special Protected Areas (SPAs)
- England Ramsars
- Marine Conservation Zones
- Sites of Special Scientific Interest
- Local Nature Reserve (LNR)
- National Nature Reserves



0 1 2 4 6 8  
 Kilometres  
 1:275,000  
 WGS 1984 UTM Zone 30N Transverse Mercator

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> <li>1. Brighton Marina LWS</li> <li>2. City of Waterford Wreck LWS</li> <li>3. H.M.S Northcoates LWS</li> <li>4. Inner Mulberry Harbour Unit LWS</li> <li>5. Kingmere Rocks LWS</li> <li>6. Looe Gate LWS</li> <li>7. Marina Reef LWS</li> <li>8. Outer Mulberry Harbour Unit LWS</li> <li>9. Outer Owners LWS</li> <li>10. Shelley Rocks LWS</li> <li>11. Ship Rock LWS</li> <li>12. South-West Rocks LWS</li> <li>13. Subtidal Wave-cut Chalk Platform (Brighton to Newhaven) LWS</li> <li>14. The Mixon Hole LWS</li> <li>15. The Waldrons Reef LWS</li> <li>16. Whirlpool Hole LWS</li> <li>17. Worthing Lumps LWS</li> </ol> | <ol style="list-style-type: none"> <li>18. Solent and Dorset Coast SPA</li> <li>19. Pagham Harbour SPA</li> <li>20. Kingmere MCZ</li> <li>21. Pagham Harbour MCZ</li> <li>22. Offshore Overfalls MCZ</li> <li>23. Selsey Bill and the Hounds MCZ</li> <li>24. Climping Beach SSSI</li> <li>25. Pagham Harbour SSSI</li> <li>26. Bognor Reef SSSI</li> <li>27. Pagham Harbour LNR</li> <li>28. West Beach LNR</li> <li>29. Pagham Harbour RAMSAR</li> </ol> |
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Rampion Extension Development

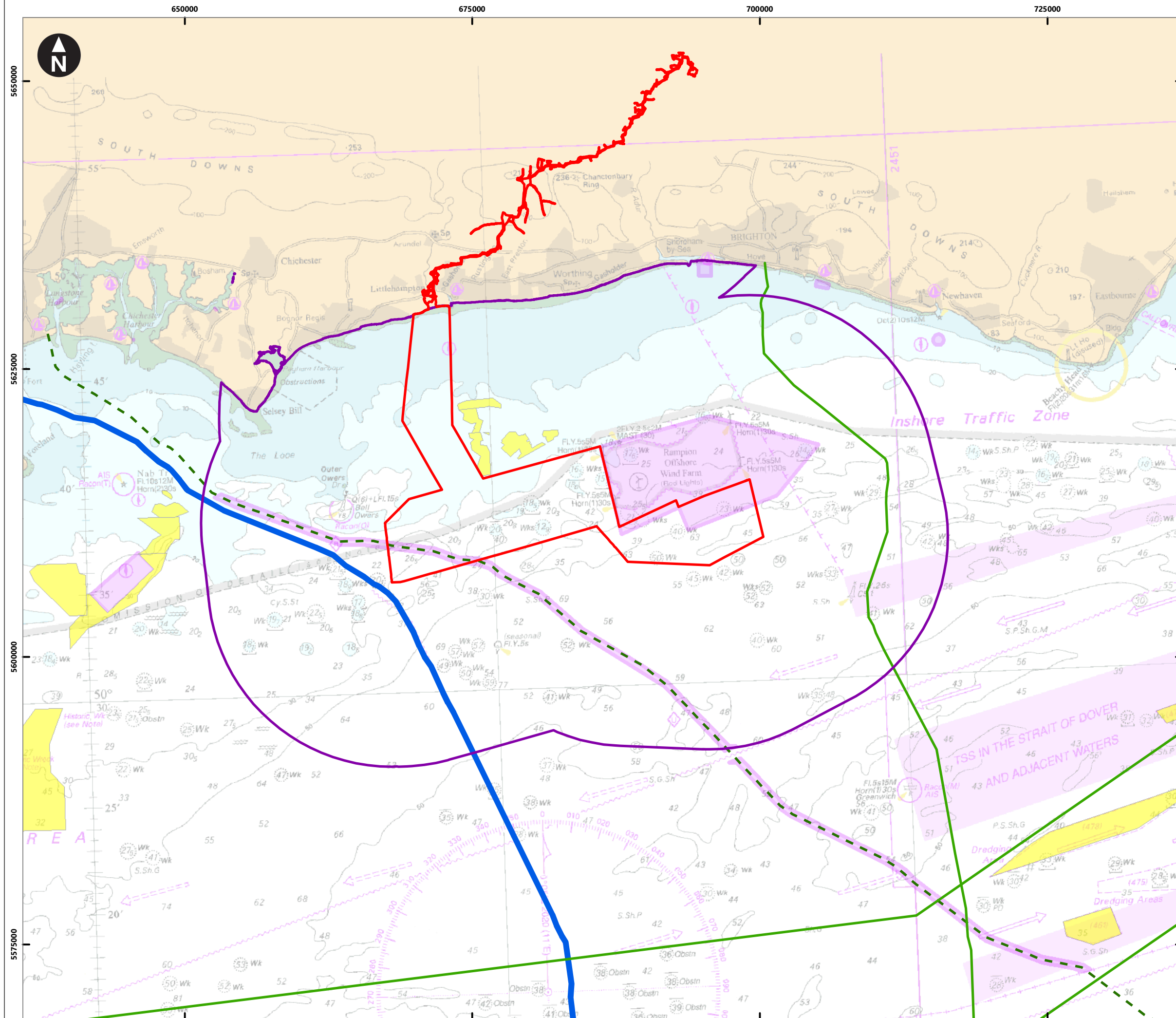
Rampion 2 Offshore Wind Farm

Figure 9.8 Designated sites in relation to Rampion 2

Environmental Statement

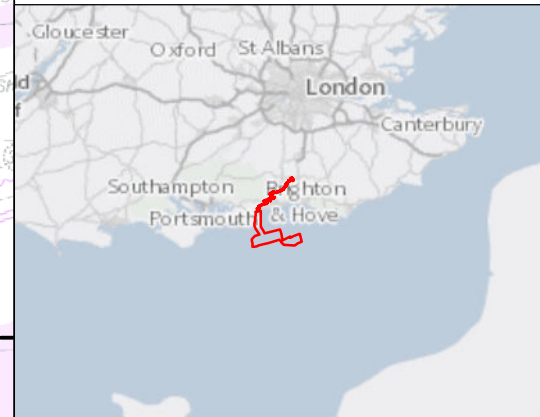
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Drawn Date: 01/03/2024	Status: FINAL	

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**Key**

- Proposed DCO Order Limits
- Study Area
- Cable
- Proposed cable
- Planned cable
- Aggregate licence area
- Open disposal site



0 1.25 2.5 5 7.5 10  
 Kilometres  
 1:320,000  
 WGS 1984 UTM Zone 30N Transverse Mercator

Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 9.9 Offshore projects/plans/activities screened into the cumulative effect assessment on benthic ecology

Environmental Statement

System Identifier: 42285-GOBE-ES-OF-FG-O2-5014				Version: 1.0
Company: GOBE	Drawn By: SWM	Chk/Prvrd: NH	Drawn Date: 02/06/2023	Status: FINAL